



# **SUPER SOURCEBOOK**

## **LIST PRICE CATALOG**

### **PLASTIC FITTINGS, VALVES, PIPE & CEMENT**



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**ALL PRODUCTS MADE BY  
SPEARS® MANUFACTURING COMPANY IN THE U.S.A.  
FOR ALL YOUR PLASTIC PIPING NEEDS**

SSB-1-1011



# Spears® Super Sourcebook

Your One-Stop Source For Plastic Fittings, Valves, Pipe & Cement

Welcome to...

**Spears® SUPER SOURCEBOOK List Price Catalog** - a comprehensive listing of all Spears® Plastic Fittings, Valves, Pipe & Cement catalogued product for all your plastic piping needs. This catalog groups common categories of product and related accessories for convenient use and versatility in finding the products you need. As a result, certain products may appear in multiple categories. For example, various PVC Valves grouped with Schedule 80 PVC Fittings, CPVC Valves grouped with Schedule 80 CPVC Fittings, and both PVC and CPVC Valves being separately listed under Thermoplastic Valves. Take a few minutes to peruse the Table of Content for an overview of organization and content.

**Convenient "Tab Locator"** page lets you quickly thumb to each category matching shaded tabs in the outer margin of each page.

**Spears® Part Number Index** allows quick page number location for Spears® standard catalogued parts. Simply look up known part number in the numerical index to find designated page on which the part can be found. Please note, certain special and custom parts are not catalogued.

**Applicable Discounts** are available to Spears® qualified stocking wholesale distributors. Products are sold only through authorized distributors. The following Pages III and IV provides applicable Discount Codes in numerical order for product included in this catalog. A blank space is provided after each for recording applicable discounts. Contact your servicing Spears® Regional Distribution Center for applicable discounts.

**Spears® On-line Catalog** is updated daily and can be accessed to verify pricing and check for any changes or adjustments that may occur between catalog publications, see new product announcements, obtain installation data and review a host of technical information on Spears® product lines. Spears® On-line Catalog can be downloaded to your personal computer for added convenience. Visit our website at:

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All Products in this Catalog are Made by Spears® Manufacturing Company in the U.S.A.

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# TAB LOCATOR

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## Understanding Column Header & Configuration Information

A variety of Column Header layouts are used to list product part numbers, options, discount codes, and list price. The following are the most typical used:

**Typical Fitting Column Header** label identifies the following product particulars:

Part Number	The number used to order the part.
Size	Nominal diameter of pipe with which the fitting is to be used. NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).
Standard Pack (Std Pk)	The quantity of parts packaged in an individual box or bag.
Master Carton (Mstr Ctn)	The total quantity of parts contained in individual boxes or bags which are packaged together.
Discount Code (Disc Code)	Identification code for applicable discount to the list price of the product. NOTE: This is a Product Group code and is not a calculation of discount. Discount codes are not the same for all products contained in this price schedule.
Price Each	The designated list price of the product.

**Fitting Configuration Drawings** are accompanied by the product's name and an abbreviated configuration description of the fitting outlet connections. Line drawing illustrations are general representations of the fittings in the group, but may not be an exact depiction of all configurations listed. Line drawings are correlated to the configuration description. The drawing is read left to right for Elbow and Adapter configurations. Tees have an additional outlet branch and are read left to right (run) then top (branch). Drawings for Wyes and Crosses are read top to bottom then left to right and bushings drawings are read as outside x inside configuration. The configuration description also correlates to the size designation. As with the nominal size designations, only one description is given when all outlets are the same. Reducing sizes list run configuration x branch configuration.

### Example

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
402-003	3/8	50	200	040	.97
402-005	1/2	50	300	040	1.01
402-007	3/4	50	0	040	1.58

Product Name ----- Tee

Abbreviated ----- Soc x Fipt

Configuration Description

In this example, outlet description is "Soc x Fipt" which indicates:

1. Socket x
2. Socket x
3. Female Iron Pipe Thread

**Typical Valve Column Header** label identifies the following product particulars. Headers are generally preceded by identification of material type and configuration descriptions. Again, variations exist according to product type and configurations.

Size	The nominal diameter of the pipe with which the valve is to be used.
Seal Type (i.e., EPDM, Viton®)	Designated elastomer seal (O-ring, Seat, Diaphragm, etc.) NOTE: Part Number and List Price are typically specified under the seal type columns. Certain products may have other column header designations under which part number and pricing are specified in a similar manner.
Standard Pack (Std Pk)	The quantity of parts packaged in an individual box or bag.
Master Pack (Mstr Pk)	The total quantity of parts contained in a single packaging of multiple Standard Packs.
Discount Code (Disc Code)	Identification code for applicable discount to the list price of the product. NOTE: This is a Product Group code and is not a calculation of discount. Discount codes are not the same for all products contained in this price schedule.

**Valve Illustrations** may be as photos or line drawings. Illustrations are general representations of the valve or product specified, but may not depict all configurations listed.

### Example

## True Union 2000 Industrial Ball Valves

Material — **PVC Industrial**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1829-005 XX.XX	1829-005 XX.XX	1	18	101

Price

End Connector — **Socket Ends**

Part Number

Technical Data

Product Type  
(Page Heading)

Typical Presentation Photo

Socket Style

Pressure Rating @ 73°F (23°C) Water

1/2" - 4"	235 psi
6" - 8"	150 psi
Flanged	150 psi

Maximum Service Temperature

PVC=140°F (60°C)

CPVC=200°F (93°C)

Temperature/Pressure De-ratings Apply

Viton® is a Registered Trademark of DuPont Dow Elastomers





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## Schedule 40 Fittings & Accessories Spears® Low VOC Solvent Cements & Primers



Essential solvent cements developed for contractors' essential needs in joining PVC, CPVC and ABS pipe and fittings.

- User Friendly with reduced fumes and odor for well-being of pipe installers.
- NSF® Certified & Listed for use in piping applications such as potable water, turf, irrigation, pool & spa, industrial, plumbing, DWV, and/or sewer, plus special applications including fire protection, chemical waste, and ultra-pure water.
- Meets ASTM Standards for solvent cements and primers used for plastic pipe installation.
- Environmentally friendly. LEED® Compliant (Leadership in Energy and Environmental Design). Credit can be gained through the use of Spears® Low VOC products. This program, developed by the US Green Building Council, uses SCAQMD Rule 1168 as a benchmark to qualify one credit toward LEED® certification for green building.

### Low VOC PVC Cements

Regular, Medium, heavy and extra heavy bodied cements are specifically formulated for PVC pipe in virtually every schedule and in sizes with interference fit to 30" diameter.

- Low VOC emissions comply with SCAQMD Rule 1168/316A
- 3-Year Shelf Life

**PVC-00 CLEAR:** Regular bodied, fast setting PVC cement for all classes and schedules (except Schedule 80) with interference fit through 4". Excellent for plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-05 CLEAR:** Medium bodied, fast setting, PVC cement for all classes and schedules with interference fit through 6" diameter and Schedule 80 through 4" diameter in industrial, plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



#### PVC-00 Clear Regular Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC00C-005	<b>1/4 Pint</b>	24	0	705	5.85
PVC00C-010	<b>1/2 Pint</b>	24	0	705	8.50
PVC00C-020	<b>Pint</b>	12	0	705	13.10
PVC00C-030	<b>Quart</b>	12	0	705	22.10
PVC00C-040	<b>Gallon</b>	6	0	705	71.75

#### PVC-05 Clear Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC05C-005	<b>1/4 Pint</b>	24	0	705	6.60
PVC05C-010	<b>1/2 Pint</b>	24	0	705	9.55
PVC05C-020	<b>Pint</b>	12	0	705	16.75
PVC05C-030	<b>Quart</b>	12	0	705	26.65
PVC05C-040	<b>Gallon</b>	6	0	705	90.80

**PVC-02 CLEAR:** Regular bodied, fast setting PVC cement for all classes and schedules (except Schedule 80) with interference fit through 4" diameter. Goes on clear, dries clearest and is slightly thicker than PVC-00. Excellent for plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-21 BLUE:** Medium bodied, fast setting, high strength PVC cement. It is suitable for use on rigid PVC with interference fit Schedule 40 thru 6" and Schedule 80 thru 4". Can be used without primer on PVC Schedule 40 and SDR pressure water piping systems through 4" if local code permits. Do not use PVC-21 without primer in any other application, schedule, or size such as Schedule 80 industrial applications. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



#### PVC-02 Clear Regular Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC02C-005	<b>1/4 Pint</b>	24	0	705	6.50
PVC02C-010	<b>1/2 Pint</b>	24	0	705	9.45
PVC02C-020	<b>Pint</b>	12	0	705	14.55
PVC02C-030	<b>Quart</b>	12	0	705	24.55
PVC02C-040	<b>Gallon</b>	6	0	705	79.65

#### PVC-21 Blue Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC21B-005	<b>1/4 Pint</b>	24	0	705	7.05
PVC21B-010	<b>1/2 Pint</b>	24	0	705	11.60
PVC21B-020	<b>Pint</b>	12	0	705	19.85
PVC21B-030	<b>Quart</b>	12	0	705	33.35
PVC21B-040	<b>Gallon</b>	6	0	705	114.65



**Schedule 40 Fittings & Accessories  
PVC Low VOC Cements**

**PVC-25 AQUA BLUE WET-N-DRY:** Medium bodied, very fast setting PVC cement for all classes and schedules with interference fit through 6" diameter and Schedule 80 through 4" diameter. Formulated for wet conditions and quick pressurization. Designed for irrigation, plumbing, and pool & spa applications. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-25 Aqua Blue Wet-N-Dry Medium body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC25B-005	<b>1/4 Pint</b>	24	0	705	7.05
PVC25B-010	<b>1/2 Pint</b>	24	0	705	11.45
PVC25B-020	<b>Pint</b>	12	0	705	19.50
PVC25B-030	<b>Quart</b>	12	0	705	32.65
PVC25B-040	<b>Gallon</b>	6	0	705	112.60

**PVC-27 CLEAR COLD-N-HOT:** Medium bodied, very fast setting, PVC cement for all classes and schedules with interference fit through 6" diameter, Schedule 80 through 4" diameter. Formulated for -15°F to 110°F (-26°C to 43°C) weather conditions. Designed for industrial, plumbing, irrigation, pool & spa, electrical conduit and PVC foam core pipe. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-27 Clear Cold-N-Hot Medium Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC27C-040	<b>Gallon</b>	6	0	705	118.85
PVC27C-020	<b>Pint</b>	12	0	705	20.35
PVC27C-030	<b>Quart</b>	12	0	705	34.25

**PVC-50 HOT BLUE:** Medium bodied, very fast setting, high strength PVC cement. Can be used on PVC with interference fit for Schedule 40 thru 6" and Schedule 80 thru 4". Hot Blue premium all-weather formulation is excellent for use in challenging conditions including wet, damp or cold temperatures in irrigation, plumbing DWV, pool & spa, and non-pressure applications. PVC-50 may be used without primer on Schedule 40 pipe and fittings if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-50 HOT BLUE Medium Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC50B-005	<b>1/4 Pint</b>	24	0	705	6.35
PVC50B-010	<b>1/2 Pint</b>	24	0	705	10.45
PVC50B-020	<b>Pint</b>	12	0	705	17.90
PVC50B-030	<b>Quart</b>	12	0	705	30.05
PVC50B-040	<b>Gallon</b>	6	0	705	103.30

**PVC-95 CLEAR/BLUE Flexible:** Medium bodied, fast setting PVC cement specially formulated for use on flex-to-flex and flex-to-rigid PVC connections with interference fit through 6" and Schedule 80 through 3". Maintains high-strength, flexible joints. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-95 Clear Medium Body Flexible PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC95C-005	<b>1/4 Pint</b>	24	0	705	8.00
PVC95C-010	<b>1/2 Pint</b>	24	0	705	11.90
PVC95C-020	<b>Pint</b>	12	0	705	20.35
PVC95C-030	<b>Quart</b>	12	0	705	34.35
PVC95C-040	<b>Gallon</b>	6	0	705	118.85

**PVC-95 Blue Medium Body Flexible PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC95B-040	<b>Gallon</b>	6	0	705	118.85
PVC95B-030	<b>Quart</b>	12	0	705	34.25

**PVC-11 GRAY:** Heavy bodied, medium setting PVC cement for all classes and schedules with interference fit through 12" diameter. Medium set allows more working time in warm weather and has good gap filling properties. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code, CSA B137.3, B181.2.



**PVC-11 Gray Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC11G-010	<b>1/2 Pint</b>	24	0	706	15.60
PVC11G-020	<b>Pint</b>	12	0	706	20.80
PVC11G-030	<b>Quart</b>	12	0	706	35.00
PVC11G-040	<b>Gallon</b>	6	0	706	118.35

**PVC-17 CLEAR/GRAY:** Heavy bodied, medium setting PVC cement for all classes and schedules with interference fit through 12" diameter (non-pressure applications only up to 18"). Medium set allows more working time in warm weather and has good gap filling properties. Designed for plumbing, industrial, pool, irrigation and electrical piping systems. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P.Code (Clear/Gray); CSA B137.3, B181.2 (Gray only).



**PVC-17 Gray Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC17G-010	<b>1/2 Pint</b>	24	0	706	11.70
PVC17G-020	<b>Pint</b>	12	0	706	20.55
PVC17G-030	<b>Quart</b>	12	0	706	34.70
PVC17G-040	<b>Gallon</b>	6	0	706	116.90

**PVC-17 Clear Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC17C-010	<b>1/2 Pint</b>	24	0	706	11.70
PVC17C-020	<b>Pint</b>	12	0	706	20.55
PVC17C-030	<b>Quart</b>	12	0	706	34.70
PVC17C-040	<b>Gallon</b>	6	0	706	116.90

**Schedule 40 Fittings & Accessories  
PVC Low VOC Cements**



**PVC-19 WHITE/GRAY:** Extra heavy bodied, slow setting PVC cement for all classes and schedules with interference fit through 30" diameter. Designed for large size piping systems requiring high gap filling properties such as industrial piping and fitting fabrication in pressure and non-pressure applications. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code, CSA (Gray Only) B137.3, B181.2.



**PVC-19 White Extra-Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC19W-020	<b>Pint</b>	12	0	706	31.43
PVC19W-030	<b>Quart</b>	12	0	706	41.90
PVC19W-040	<b>Gallon</b>	4	0	706	138.15
PVC19W-050	<b>5 Gallon</b>	1	0	706	597.25



**PVC-19 Gray Extra-Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC19G-020	<b>Pint</b>	12	0	706	31.43
PVC19G-030	<b>Quart</b>	12	0	706	41.90
PVC19G-040	<b>Gallon</b>	4	0	706	138.15
PVC19G-050	<b>5 Gallon</b>	1	0	706	597.25



## Schedule 40 Fittings & Accessories Low VOC Solvent Primers & Cleaners

Primers are used for the surface preparation of plastic pipe and fittings, which is necessary for the proper solvent welding of these materials. Cleaner aids in pre-cleaning to remove oil and grease.

- All Spears® Primers and Cleaners are low VOC products, which are environmentally friendly with lower emissions and reduced odor, surpassing the most stringent regulations and comply with SCAQMD Rule 1168/316A.
- Spears® Primers are certified for use with potable water by NSF® International.
- 3-Year Shelf Life

**PRIMER-68 PURPLE/CLEAR:** Essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Choose from Clear or Purple color which provides positive identification that a primer was used (check local code requirements). Listings: ASTM F656, NSF®-PW, DWV, SW, U.P. Code (Purple Only).



### PRIMER-68 Clear Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM68C-005	1/4 Pint	24	0	709	6.50
PRIM68C-010	1/2 Pint	24	0	709	8.80
PRIM68C-020	Pint	12	0	709	16.30
PRIM68C-030	Quart	12	0	709	27.20
PRIM68C-040	Gallon	6	0	709	82.00

### PRIMER-70 Purple Industrial Strength Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70P-005	1/4 Pint	24	0	709	7.05
PRIM70P-010	1/2 Pint	24	0	709	9.60
PRIM70P-020	Pint	12	0	709	19.20
PRIM70P-030	Quart	12	0	709	31.10
PRIM70P-040	Gallon	6	0	709	102.20



**CLEANER-65 CLEAR CLEANER:** Water-thin cleaner recommended for use before priming of pipe and fittings to remove dirt, oil and grease from the bonding surfaces of PVC, CPVC, ABS and Styrene.



### PRIMER-68 Purple Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM68P-005	1/4 Pint	24	0	709	6.50
PRIM68P-010	1/2 Pint	24	0	709	8.80
PRIM68P-020	Pint	12	0	709	16.30
PRIM68P-030	Quart	12	0	709	27.20
PRIM68P-040	Gallon	6	0	709	82.00

### CLEANER-65 Clear Cleaner

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CLEAN65-005	1/4 Pint	24	0	709	5.20
CLEAN65-010	1/2 Pint	24	0	709	7.75
CLEAN65-020	Pint	12	0	709	13.45
CLEAN65-030	Quart	12	0	709	19.75
CLEAN65-040	Gallon	6	0	709	63.25

**PRIMER-70 INDUSTRIAL GRADE PURPLE/CLEAR:** Premium, industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Specially recommended for use on Schedule 80 (150 psi and higher) and large size pipe. Excellent for cold weather applications. Listings: ASTM F656, NSF®-PW, DWV, SW, U.P. Code (Purple Only).



### PRIMER-70 Clear Industrial Strength Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70C-005	1/4 Pint	24	0	709	7.05
PRIM70C-010	1/2 Pint	24	0	709	9.60
PRIM70C-020	Pint	12	0	709	19.20
PRIM70C-030	Quart	12	0	709	31.10
PRIM70C-040	Gallon	6	0	709	102.20



**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee**  
**Soc**



401-003	3/8	50	400	040	2.36
401-005	1/2	50	300	040	.76
401-007	3/4	50	0	040	.87
401-010	1	50	0	040	1.63
401-012	1-1/4	25	0	040	2.55
401-015	1-1/2	25	0	040	3.10
401-020	2	25	0	040	4.51
401-025	2-1/2	10	0	040	14.89
401-030	3	10	0	040	19.56
401-040	4	6	0	040	35.39
401-050	5	5	0	040	85.46
401-060	6	4	0	040	119.10
401-080	8	2	0	040	276.22
401-100	10	1	0	041	915.24
401-100F	10	1	0	047	677.22
401-120	12	1	0	041	1352.32
401-120F	12	1	0	047	954.23
401-140F	14	1	0	047	1485.93
401-160F	16	1	0	047	2150.95
401-180F	18	1	0	047	2612.80
401-200F	20	1	0	047	3184.20
401-240F	24	1	0	047	4328.32

**Tee**  
**Soc x Fipt**



402-003	3/8	50	200	040	2.38
402-005	1/2	50	300	040	1.01
402-007	3/4	50	0	040	1.56
402-010	1	50	0	040	2.89
402-012	1-1/4	25	0	040	4.61
402-015	1-1/2	25	0	040	5.99
402-020	2	10	0	040	7.60
402-025	2-1/2	10	0	040	23.10
402-030	3	10	0	040	29.44
402-040	4	6	0	040	45.00

**Tee**  
**Soc x Mipt**



402B-010	1	50	0	040	3.29
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**Tee**  
**Soc x Fipt x Soc**



403-007	3/4	50	0	040	1.71
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**Special Reinforced Tee**  
**Soc x SR Fipt - Stainless Steel Collar**



402-005SR	1/2	25	200	046	7.66
402-012SR	1-1/4	25	0	046	15.06

**Tee**  
**Fipt**



405-005	1/2	50	0	040	2.79
405-007	3/4	50	0	040	4.38
405-010	1	50	0	040	6.06
405-012	1-1/4	25	0	040	8.39
405-015	1-1/2	25	0	040	8.65
405-020	2	10	0	040	11.46

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee (continued)**  
**Fipt**

405-025 <sup>1</sup>	2-1/2	5	0	040	40.79
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<sup>1</sup>Outlet sized with Bushing

**Street Tee**  
**Spig x Soc x Soc**



444-005	1/2	25	200	040	3.93
444-007	3/4	15	120	040	5.24
444-010	1	15	0	040	6.77
444-012	1-1/4	10	0	040	10.89
444-015	1-1/2	10	0	040	15.04
444-020	2	10	0	040	26.16

**Reducing Tee**  
**Soc**



401-053	3/8X1/2	50	0	040	2.09
401-074	1/2X3/4	50	0	040	1.62
401-075	1/2X1	50	0	040	3.01
401-094	3/4X1/2X1/2	50	0	040	1.47
401-095	3/4X1/2X3/4	50	0	040	1.47
401-101	3/4X1/2	50	0	040	1.01
D401-101	3/4X1/2	50	0	040	1.40
401-102	3/4X1	50	0	040	2.89
401-122	1X1/2X1	50	0	040	2.89
401-124	1X3/4X1/2	50	0	040	2.89
401-125	1X3/4X3/4	50	0	040	2.89
401-126	1X3/4X1	50	0	040	2.89
401-130	1X1/2	50	0	040	1.72
D401-130	1X1/2	50	0	040	2.81
401-131	1X3/4	50	0	040	1.88
401-132	1X1-1/4	25	0	040	3.87
401-133	1X1-1/2	25	0	040	5.00
401-134	1X2	25	0	040	7.02
401-156	1-1/4X1X1/2	25	0	040	3.94
401-157	1-1/4X1X3/4	25	0	040	3.94
401-158	1-1/4X1X1	25	0	040	3.94
401-166	1-1/4X1/2	25	0	040	2.80
D401-166	1-1/4X1/2	25	0	040	2.80
401-167	1-1/4X3/4	25	0	040	2.80
401-168	1-1/4X1	25	0	040	2.80
401-169	1-1/4X1-1/2	25	0	040	5.12
401-170	1-1/4X2	25	0	040	7.02
401-199	1-1/2X1-1/4X1/2	25	0	040	4.91
401-201	1-1/2X1-1/4X3/4	25	0	040	4.91
401-202	1-1/2X1-1/4X1	25	0	040	4.91
401-209	1-1/2X1/2	25	0	040	4.91
D401-209	1-1/2X1/2	25	0	040	5.04
401-210	1-1/2X3/4	25	0	040	4.91
401-211	1-1/2X1	25	0	040	4.91
401-212	1-1/2X1-1/4	25	0	040	4.91
401-213	1-1/2X2	25	0	040	7.02
401-214	1-1/2X2-1/2	25	0	040	15.47
401-233	2X1X2	10	0	040	7.02
401-238	2X1-1/2X3/4	10	0	040	7.02
401-239	2X1-1/2X1	10	0	040	7.02
401-241	2X1-1/2X1-1/2	10	0	040	7.02
401-247	2X1/2	10	0	040	4.83
D401-247	2X1/2	10	0	040	7.02
401-248	2X3/4	10	0	040	4.83
401-249	2X1	10	0	040	4.83
401-250	2X1-1/4	10	0	040	4.83
401-251	2X1-1/2	10	0	040	4.83
401-253 <sup>1</sup>	2X3	10	0	040	32.48
401-254 <sup>1</sup>	2X4	6	0	040	64.29



**Schedule 40 Fittings & Accessories  
PVC Schedule 40 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducing Tee (continued)</b>					
<b>Soc</b>					
401-287	2-1/2X1/2	10	0	040	14.85
401-288	2-1/2X3/4	10	0	040	14.85
401-289	2-1/2X1	10	0	040	14.85
401-290	2-1/2X1-1/4	10	0	040	14.85
401-291	2-1/2X1-1/2	10	0	040	14.85
401-292	2-1/2X2	10	0	040	14.85
401-293 <sup>1</sup>	2-1/2X3	10	0	040	33.18
401-294 <sup>1</sup>	2-1/2X4	6	0	040	64.29
401-333	3X1/2	10	0	040	21.28
401-334	3X3/4	10	0	040	21.28
401-335	3X1	10	0	040	21.28
401-336	3X1-1/4	10	0	040	21.28
401-337	3X1-1/2	10	0	040	21.28
401-338	3X2	6	0	040	21.24
401-339	3X2-1/2	6	0	040	26.57
401-342	3X4	6	0	040	36.56
401-344 <sup>1</sup>	3X6	4	0	040	190.59
401-415 <sup>1</sup>	4X1/2	6	0	040	36.76
401-416	4X3/4	6	0	040	35.39
401-417	4X1	6	0	040	35.39
401-418	4X1-1/4	10	0	040	35.39
401-419	4X1-1/2	10	0	040	35.39
401-420	4X2	10	0	040	35.39
401-421 <sup>1</sup>	4X2-1/2	6	0	040	41.01
401-422	4X3	6	0	040	35.39
401-426 <sup>1</sup>	4X6	4	0	040	190.59
401-428 <sup>1</sup>	4X8	2	0	040	526.05
401-486 <sup>1</sup>	5X2	5	0	040	82.97
401-487 <sup>1</sup>	5X2-1/2	4	0	040	91.29
401-488	5X3	4	0	040	82.97
401-490	5X4	3	0	040	82.97
401-492 <sup>1</sup>	5X6	4	0	040	194.63
401-494 <sup>1</sup>	5X8	1	2	040	669.62
401-526 <sup>1</sup>	6X1-1/4	4	0	040	121.82
401-527 <sup>1</sup>	6X1-1/2	5	0	040	121.82
401-528	6X2	3	0	040	119.10
401-529 <sup>1</sup>	6X2-1/2	5	0	040	128.14
401-530	6X3	5	0	040	119.10
401-532	6X4	2	0	040	119.10
401-533 <sup>1</sup>	6X5	4	0	040	158.09
401-535 <sup>1</sup>	6X8	2	0	040	526.05
401-537 <sup>1</sup>	6X10	1	0	041	1510.48
401-578 <sup>1</sup>	8X2	2	0	040	288.46
401-579 <sup>1</sup>	8X2-1/2	4	0	040	288.46
401-580	8X3	4	0	040	276.22
401-582	8X4	2	0	040	276.22
401-583 <sup>1</sup>	8X5	2	0	040	318.40
401-585	8X6	2	0	040	276.22
401-589 <sup>1</sup>	8X10	1	0	041	1510.48
401-621 <sup>1</sup>	10X2	1	0	041	820.18
401-621F	10X2	1	0	047	538.30
401-622F	10X2-1/2	1	2	047	568.03
401-623 <sup>1</sup>	10X3	1	0	041	820.18
401-623F	10X3	1	0	047	577.38
401-624 <sup>1</sup>	10X4	1	0	041	820.18
401-624F	10X4	1	0	047	598.12
401-625 <sup>1</sup>	10X5	1	0	041	820.18
401-625F	10X5	1	0	047	701.74
401-626	10X6	1	0	041	784.34
401-626F	10X6	1	0	047	676.39
401-628 <sup>1</sup>	10X8	1	0	041	1004.21
401-628F	10X8	1	0	047	758.84
401-632 <sup>1</sup>	10X12	1	0	041	1671.48
401-634F	10X14	1	0	047	1714.47
401-636F	10X16	1	0	047	2135.01

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducing Tee (continued)</b>					
<b>Soc</b>					
401-661F	12X2	1	0	047	696.06
401-662F	12X2-1/2	1	0	047	734.43
401-663F	12X3	1	0	047	749.77
401-664 <sup>1</sup>	12X4	1	0	041	1283.82
401-664F	12X4	1	0	047	795.40
401-665F	12X5	1	0	047	943.46
401-666 <sup>1</sup>	12X6	1	0	041	1283.82
401-666F	12X6	1	0	047	846.06
401-668	12X8	1	0	041	1133.22
401-668F	12X8	1	0	047	942.33
401-670 <sup>1</sup>	12X10	1	0	041	1765.76
401-670F	12X10	1	0	047	1047.06
401-674F	12X14	1	0	047	1979.04
401-676F	12X16	1	0	047	2389.70
401-678F	12X18	1	0	047	4244.18
401-691F	14X2	1	0	047	872.19
401-693F	14X3	1	0	047	950.21
401-694F	14X4	1	0	047	1010.53
401-695F	14X5	1	0	047	1054.62
401-696F	14X6	1	0	047	1070.85
401-698F	14X8	1	0	047	1128.52
401-700F	14X10	1	0	047	1320.80
401-702F	14X12	1	0	047	1500.28
401-706F	14X16	1	0	047	2899.14
401-751F	16X2	1	0	047	969.11
401-753F	16X3	1	0	047	1022.11
401-754F	16X4	1	0	047	1083.95
401-756F	16X6	1	0	047	1155.86
401-758F	16X8	1	0	047	1270.45
401-760F	16X10	1	0	047	1384.91
401-762F	16X12	1	0	047	1613.40
401-764F	16X14	1	0	047	1928.93
401-768F	16X18	1	0	047	4318.09
401-781F	18X2	1	0	047	1076.99
401-783F	18X3	1	0	047	1104.71
401-784F	18X4	1	0	047	1117.35
401-786F	18X6	1	0	047	1281.38
401-788F	18X8	1	0	047	1405.98
401-790F	18X10	1	0	047	1671.31
401-792F	18X12	1	0	047	1733.10
401-794F	18X14	1	0	047	2285.83
401-796F	18X16	1	0	047	2624.03
401-811F	20X2	1	0	047	1363.43
401-813F	20X3	1	0	047	1389.46
401-814F	20X4	1	0	047	1410.46
401-816F	20X6	1	0	047	1432.82
401-818F	20X8	1	0	047	1490.04
401-820F	20X10	1	0	047	1846.05
401-822F	20X12	1	0	047	2009.70
401-824F	20X14	1	0	047	2539.82
401-826F	20X16	1	0	047	2998.22
401-828F	20X18	1	0	047	3332.39
401-901F	24X2	1	0	047	2253.59
401-903F	24X3	1	0	047	2344.52
401-904F	24X4	1	0	047	2805.67
401-906F	24X6	1	0	047	2881.89
401-908F	24X8	1	0	047	3009.40
401-910F	24X10	1	0	047	3075.39
401-912F	24X12	1	0	047	3162.51
401-914F	24X14	1	0	047	3395.10
401-916F	24X16	1	0	047	3566.96
401-918F	24X18	1	0	047	3897.78
401-920F	24X20	1	0	047	4186.10

<sup>1</sup>Outlet sized with Bushing

**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee**  
Soc x Fipt



402-071	1/2X1/8	50	300	040	2.17
402-072	1/2X1/4	50	200	040	2.17
402-074	1/2X3/4	50	0	040	2.17
402-094	3/4X1/2X1/2	50	0	040	1.52
402-095	3/4X1/2X3/4	50	0	040	1.52
402-101	3/4X1/2	50	0	040	1.34
402-124	1X3/4X1/2	50	0	040	2.89
402-125	1X3/4X3/4	50	0	040	2.89
402-130	1X1/2	50	0	040	2.02
402-131	1X3/4	50	0	040	2.89
402-156	1-1/4X1X1/2	25	0	040	4.61
402-157	1-1/4X1X3/4	25	0	040	4.61
402-158	1-1/4X1X1	25	0	040	4.61
402-166	1-1/4X1/2	25	0	040	4.83
402-167	1-1/4X3/4	25	0	040	4.83
402-168	1-1/4X1	25	0	040	4.83
402-199	1-1/2X1-1/4X1/2	25	0	040	5.99
402-201	1-1/2X1-1/4X3/4	25	0	040	5.99
402-202	1-1/2X1-1/4X1	25	0	040	5.99
402-209	1-1/2X1/2	25	0	040	5.99
402-210	1-1/2X3/4	25	0	040	5.99
402-211	1-1/2X1	25	0	040	5.99
402-212	1-1/2X1-1/4	25	0	040	5.99
402-238	2X1-1/2X3/4	10	0	040	7.54
402-239	2X1-1/2X1	10	0	040	7.54
402-247	2X1/2	10	0	040	7.54
402-248	2X3/4	10	0	040	7.54
402-249	2X1	10	0	040	7.54
402-250	2X1-1/4	10	0	040	7.54
402-251	2X1-1/2	10	0	040	7.54
402-287	2-1/2X1/2	10	0	040	16.32
402-288	2-1/2X3/4	10	0	040	16.32
402-289	2-1/2X1	10	0	040	16.32
402-290	2-1/2X1-1/4	10	0	040	16.32
402-291	2-1/2X1-1/2	10	0	040	16.32
402-292	2-1/2X2	10	0	040	16.32
402-333	3X1/2	10	0	040	23.31
402-334	3X3/4	10	0	040	23.31
402-335	3X1	10	0	040	23.31
402-336	3X1-1/4	10	0	040	23.31
402-337	3X1-1/2	10	0	040	23.31
402-338	3X2	6	0	040	23.31
402-417	4X1	6	0	040	38.96
402-419	4X1-1/2	10	0	040	38.96
402-420	4X2	10	0	040	38.96
402-422	4X3	6	0	040	38.96
402-490	5X4	3	0	040	101.77
402-525 <sup>1</sup>	6X1	3	0	040	132.05
402-528	6X2	3	0	040	132.05
402-530	6X3	5	0	040	132.05
402-532	6X4	2	0	040	132.05
402-578 <sup>1</sup>	8X2	3	0	040	285.57
402-580 <sup>1</sup>	8X3	2	0	040	285.57
402-582 <sup>1</sup>	8X4	2	0	040	285.57
402-621F	10X2	1	0	047	555.61
402-622F	10X2-1/2	1	0	047	559.52
402-623F	10X3	1	0	047	594.61
402-624F	10X4	1	0	047	644.76
402-661F	12X2	1	0	047	713.34
402-663F	12X3	1	0	047	768.55
402-664F	12X4	1	0	047	832.05

<sup>1</sup>Outlet-sized with Bushing

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee**  
Soc x Fipt x Soc



403-095	3/4X1/2X3/4	50	0	040	4.09
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**Special Reinforced Reducing Tee**  
Soc x SR Fipt - Stainless Steel Collar



402-072SR	1/2X1/4	25	150	046	7.66
402-098SR	3/4X1/4	25	100	046	9.95
402-101SR	3/4X1/2	50	0	046	9.95
402-166SR	1-1/4X1/2	15	0	046	16.64
402-168SR	1-1/4X1	10	0	046	16.98
402-212SR	1-1/2X1-1/4	10	0	046	18.38
402-287SR	2-1/2X1/2	10	0	046	22.37
402-288SR	2-1/2X3/4	10	0	046	23.64
402-289SR	2-1/2X1	10	0	046	23.87
402-290SR	2-1/2X1-1/4	10	0	046	23.50
402-291SR	2-1/2X1-1/2	10	0	046	24.43
402-292SR	2-1/2X2	10	0	046	24.63
402-333SR	3X1/2	10	0	046	29.83
402-334SR	3X3/4	10	0	046	29.83
402-335SR	3X1	10	0	046	30.43
402-336SR	3X1-1/4	10	0	046	31.14
402-337SR	3X1-1/2	10	0	046	30.87
402-338SR	3X2	6	0	046	32.70
402-417SR	4X1	6	0	046	39.51
402-419SR	4X1-1/2	10	0	046	43.40
402-420SR	4X2	10	0	046	44.81
402-422SR	4X3	6	0	046	70.40

**Special Reinforced Reducing Tee**  
Soc x SR Fipt-Stainless Steel Collar x Soc



403-095SR	3/4X1/2X3/4	50	0	046	2.59
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**Manifold Tee**  
Spig x Soc x Mipt



476-010	1	20	0	020	5.68
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**Manifold Tee**  
Spig x Soc x Fipt



477-010	1	25	0	020	5.68
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**O-ring Sealed Manifold Tee**  
O-ring Sealed MIPT x Fipt x MIPT



EPDM O-ring Seal on Tee run

451A-010	1	50	0	019	4.27
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O-ring end MIPT is designed to assemble to corresponding Manifold Tee FIPT Only. Multiple Manifold Tee-to-Manifold Tee assemblies can be made with NO Thread Sealant required. Branch MIPT and Terminal MIPT in manifold assembly can be joined without O-ring to standard FIPT using thread sealant.

**Transition Tee for P.E. Hose Laterals**  
Soc x Insert (.580 I.D.)



1102-007	3/4	50	0	040	3.06
1102-130	1X1/2	200	0	040	3.43
1102-248	2X2X3/4	10	0	040	4.83
1102-250	2X1-1/4	10	0	040	4.83



**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° EII Soc**



406-003	3/8	50	600	040	3.07
406-005	1/2	50	400	040	.61
406-007	3/4	50	300	040	.68
406-010	1	50	0	040	1.23
406-012	1-1/4	25	0	040	2.17
406-015	1-1/2	25	0	040	2.34
406-020	2	25	0	040	3.66
406-025	2-1/2	10	0	040	11.14
406-030	3	10	0	040	13.33
406-040	4	8	0	040	23.84
406-045F	4-1/2	1	5	047	169.61
406-050	5	4	0	040	61.60
406-060	6	4	0	040	75.81
406-080	8	2	0	040	195.20
406-100	10	1	0	041	735.22
406-100F	10	1	0	047	392.23
406-120	12	1	0	041	986.07
406-120F	12	1	0	047	641.06
406-140F	14	1	0	047	923.98
406-160F	16	1	0	047	1322.17
406-180F	18	1	0	047	1419.34
406-200F	20	1	0	047	2147.04
406-240F	24	1	0	047	3217.53

**90° EII Soc x Fipt**



407-005	1/2	50	400	040	.76
407-007	3/4	50	300	040	.87
407-010	1	50	0	040	1.63
407-012	1-1/4	25	0	040	2.73
407-015	1-1/2	25	0	040	3.03
407-020	2	10	0	040	7.83
407-025	2-1/2	10	0	040	19.35
407-030	3	8	0	040	29.01
407-040	4	8	0	040	43.98

**Special Reinforced 90° EII & Reducing 90° EII Soc x SR Fipt - Stainless Steel Collar**



407-005SR	1/2	50	400	046	6.79
407-007SR	3/4	75	0	046	8.72
407-010SR	1	50	0	046	8.82
407-012SR	1-1/4	25	0	046	10.66
407-131SR	1X3/4	50	0	046	3.74
407-168SR <sup>1</sup>	1-1/4X1	25	0	046	14.77
407-249SR	2X1	10	0	046	16.80
407-251SR	2X1-1/2	10	0	046	17.72

Sized with SR Adapter

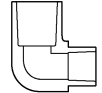
**90° EII Fipt**



408-005	1/2	50	400	040	1.47
408-007	3/4	50	0	040	2.18
408-010	1	50	0	040	4.66
408-012	1-1/4	25	0	040	4.99
408-015	1-1/2	25	0	040	6.31
408-020	2	10	0	040	9.57

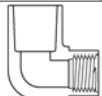
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing 90° EII Soc**



406-053	3/8X1/2	50	0	040	1.79
406-101	3/4X1/2	50	0	040	1.23
D406-101	3/4X1/2	50	0	040	1.49
406-130	1X1/2	50	0	040	1.83
D406-130	1X1/2	50	0	040	2.62
406-131	1X3/4	50	0	040	2.18
406-166	1-1/4X1/2	25	0	040	3.49
D406-166	1-1/4X1/2	25	0	040	4.00
406-167	1-1/4X3/4	25	0	040	3.49
406-168	1-1/4X1	25	0	040	3.49
406-209	1-1/2X1/2	25	0	040	5.51
406-211	1-1/2X1	25	0	040	5.51
406-212	1-1/2X1-1/4	25	0	040	5.51
406-249	2X1	10	0	040	6.79
406-250	2X1-1/4	10	0	040	6.79
406-251	2X1-1/2	10	0	040	9.40
406-251N	2X1-1/2	10	0	015	9.40
406-292	2-1/2X2	10	0	040	11.01
406-292N	2-1/2X2 (2-1/2 Spigot)	10	0	040	11.01

**Reducing 90° EII Soc x Fipt**



407-053	3/8X1/2	50	600	040	2.09
407-074	1/2X3/4	50	0	040	1.63
407-101	3/4X1/2	50	300	040	.90
407-130	1X1/2	50	0	040	2.51
407-131	1X3/4	50	0	040	2.51
407-168	1-1/4X1	25	0	040	3.66
407-211	1-1/2X1	25	0	040	6.07
407-212	1-1/2X1-1/4	20	0	040	6.32
407-249	2X1	10	0	040	10.51
407-250	2X1-1/4	10	0	040	10.51
407-251	2X1-1/2	10	0	040	10.51

**90° Sweep EII Soc**



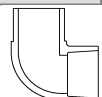
406-005S	1/2	25	300	040	4.67
406-007S	3/4	25	100	040	5.35
406-010S	1	25	0	040	8.76
406-012S	1-1/4	25	0	040	11.55
406-015S	1-1/2	25	0	040	12.48
406-020S	2	25	0	040	15.05

**Long Sweep 90° EII Soc**



406-025LSF	2-1/2	1	7	047	50.61
406-030LSF	3	1	5	047	71.28
406-040LSF	4	1	4	047	92.80
406-060LSF	6	1	2	047	143.49
406-080LSF	8	1	0	047	285.67

**90° Street EII Spig x Soc**



409-005	1/2	50	400	040	1.72
409-007	3/4	50	0	040	2.12
409-010	1	50	0	040	3.66
409-012	1-1/4	25	0	040	4.38
409-015	1-1/2	25	0	040	4.83

## Schedule 40 Fittings & Accessories PVC Schedule 40 Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### 90° Street EII (continued)

#### Spig x Soc

409-020	2	10	0	040	9.32
409-025	2-1/2	10	0	040	16.71
409-030	3	5	0	040	20.63
409-040	4	6	0	040	38.37
409-050	5	2	0	040	91.79
409-060	6	2	0	040	115.99
409-080	8	2	0	040	296.69
409-100	10	1	0	041	1095.47
409-120	12	1	0	041	1213.14
409-140F	14	1	0	047	1276.14
409-160F	16	1	0	047	1340.59
409-180F	18	1	0	047	1677.02
409-200F	20	1	0	047	2385.28
409-240F	24	1	0	047	3688.43

### 90° Street EII

#### Mipt x Soc



410-005	1/2	50	750	040	1.34
410-007	3/4	50	0	040	1.56
410-010	1	50	0	040	2.62
410-012	1-1/4	25	0	040	3.66
410-015	1-1/2	25	0	040	3.83
410-020	2	10	0	040	9.41
410-030	3	10	0	040	33.63
410-101	3/4X1/2	50	400	040	1.91
410-102	3/4X1	50	0	040	3.24

### 90° Street EII

#### Mipt x Fipt



412-005	1/2	50	600	040	1.79
412-007	3/4	50	0	040	2.18
412-010	1	50	0	040	3.76
412-012	1-1/4	25	0	040	4.66
412-015	1-1/2	25	0	040	5.06
412-020	2	10	0	040	9.65
412-030	3	8	0	040	34.48

### HDPE 90° Street EII

#### Mipt x Fipt



M412-005	1/2	50	450	040	1.66
M412-007	3/4	50	0	040	2.01
M412-010	1	50	0	040	3.51
M412-012	1-1/4	25	0	040	4.63
M412-015	1-1/2	25	0	040	5.24

High Density Polyethylene - Not NSF-listed - Not pressure rated. For use on open ended irrigation systems.

### HDPE 90° Street EII

#### Mipt x Fipt (Short Pattern)



MS412-005	1/2	50	700	040	1.49
MS412-007	3/4	50	400	040	1.80
MS412-010	1	50	0	040	3.15

High Density Polyethylene - Not NSF-listed - Not pressure rated. For use on open ended irrigation systems.

### HDPE Reducing 90° Street EII

#### Mipt x Fipt (Short Pattern)



MS412-101	3/4X1/2	50	400	040	2.41
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High Density Polyethylene - Not NSF-listed - Not pressure rated. For use on open ended irrigation systems.

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Side Outlet EII

#### Soc



413-005	1/2	50	0	040	3.32
413-007	3/4	50	0	040	4.51
413-010	1	25	0	040	5.78
413-015	1-1/2	10	0	040	6.34
413-020	2	10	0	040	8.80

### Side Outlet EII

#### Soc x Fipt



414-005	1/2	50	0	040	3.23
414-007	3/4	50	0	040	4.96
414-101	3/4X1/2	50	0	040	4.18
414-130	1X1/2	50	0	040	5.48

### 60° EII

#### Soc



424-005F	1/2	7	0	047	66.38
424-007F	3/4	6	0	047	73.80
424-010F	1	1	3	047	74.95
424-012F	1-1/4	16	0	047	79.91
424-015F	1-1/2	16	0	047	92.21
424-020F	2	1	16	047	121.16
424-025F	2-1/2	10	0	047	132.82
424-030F	3	8	0	047	151.43
424-040F	4	1	4	047	177.79
424-045F	4-1/2	1	4	047	199.16
424-050F	5	1	5	047	204.73
424-060F	6	1	4	047	248.94
424-080F	8	1	2	047	331.04
424-100F	10	1	2	047	679.88
424-120F	12	1	0	047	865.47
424-140F	14	1	0	047	914.65
424-160F	16	1	0	047	1100.70
424-180F	18	1	0	047	1632.11
424-240F	24	1	0	047	2750.99

### 45° EII

#### Soc



417-005	1/2	50	600	040	1.01
417-007	3/4	50	300	040	1.56
417-010	1	50	0	040	1.88
417-012	1-1/4	25	0	040	2.62
417-015	1-1/2	25	0	040	3.29
417-020	2	25	0	040	4.28
417-025	2-1/2	10	0	040	11.16
417-030	3	10	0	040	17.32
417-040	4	5	0	040	31.05
417-045F	4-1/2	1	15	047	63.79
417-050	5	5	0	040	61.60
417-050F	5	1	2	047	82.65
417-060	6	8	0	040	76.72
417-080	8	3	0	040	184.51
417-080F	8	1	4	047	174.62
417-100	10	1	0	041	480.32
417-100F	10	1	2	047	275.87
417-120	12	1	0	041	711.78
417-120F	12	1	2	047	292.59
417-140F	14	1	0	047	613.77
417-160F	16	1	0	047	811.16
417-180F	18	1	0	047	857.66
417-200F	20	1	0	047	1111.00





## Schedule 40 Fittings & Accessories PVC Schedule 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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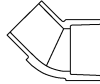
### 45° EII (continued)

Soc

417-240F	24	1	0	047	1787.66
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### 45° Street EII

Spig x Soc



427-005	1/2	50	400	040	1.01
427-007	3/4	50	0	040	1.56
427-010	1	50	0	040	1.88
427-012	1-1/4	25	0	040	2.62
427-015	1-1/2	25	0	040	3.29
427-020	2	25	0	040	4.28
427-025	2-1/2	10	0	040	13.95
427-030	3	10	0	040	17.32
427-040	4	5	0	040	31.05
427-050	5	4	0	040	93.36
427-060	6	4	0	040	95.89
427-080	8	2	0	040	230.64
427-100	10	1	0	041	606.88
427-120	12	1	0	041	889.74
427-140F	14	1	0	047	663.09
427-160F	16	1	0	047	901.29
427-180F	18	1	0	047	983.84
427-200F	20	1	0	047	1248.79
427-240F	24	1	0	047	1967.09

### 30° EII

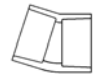
Soc



415-005F	1/2	1	25	047	20.51
415-007F	3/4	25	0	047	20.64
415-010F	1	1	25	047	22.59
415-012F	1-1/4	1	15	047	24.45
415-015F	1-1/2	1	25	047	24.80
415-020F	2	1	25	047	25.72
415-025F	2-1/2	25	0	047	30.33
415-030F	3	1	20	047	32.44
415-040F	4	1	6	047	39.07
415-045F	4-1/2	1	15	047	61.82
415-050F	5	6	0	047	54.18
415-060F	6	1	10	047	62.77
415-080F	8	1	4	047	106.11
415-100F	10	1	2	047	160.11
415-120F	12	1	0	047	253.29
415-140F	14	1	0	047	398.21
415-160F	16	1	0	047	542.83
415-180F	18	1	0	047	651.90
415-200F	20	1	0	047	805.84
415-240F	24	1	0	047	1605.07

### 22-1/2° EII

Soc



416-005	1/2	20	240	040	1.43
416-007	3/4	20	240	040	2.23
416-010	1	20	160	040	2.67
416-012	1-1/4	20	0	040	3.73
416-015	1-1/2	20	0	040	4.68
416-020	2	20	0	040	6.13
416-025	2-1/2	5	0	040	15.93
416-025F	2-1/2	25	0	047	30.33
416-030	3	5	0	040	24.71
416-040	4	4	0	040	44.38
416-045F	4-1/2	1	15	047	61.82
416-050F	5	1	10	047	54.18
416-060	6	4	0	040	109.57

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### 22-1/2° EII (continued)

Soc

416-060F	6	1	5	047	62.77
416-080	8	4	0	040	263.59
416-080F	8	1	4	047	106.11
416-100F	10	1	0	047	160.11
416-120F	12	1	0	047	253.29
416-140F	14	1	0	047	398.21
416-160F	16	1	0	047	542.83
416-180F	18	1	0	047	651.90
416-200F	20	1	0	047	805.84
416-240F	24	1	0	047	1605.07

### 22-1/2° Street EII

Spig x Soc



442-005	1/2	50	400	040	1.43
442-007	3/4	50	0	040	2.23
442-010	1	50	0	040	2.67
442-012	1-1/4	20	0	040	3.73
442-015	1-1/2	25	0	040	4.68
442-020	2	20	0	040	6.13
442-025F	2-1/2	1	18	047	34.70
442-030	3	5	0	040	35.80
442-040	4	4	0	040	55.24
442-060	6	4	0	040	136.38
442-060F	6	1	5	047	80.48
442-080	8	1	4	040	328.04
442-080F	8	1	4	047	121.22
442-100F	10	1	0	047	187.60
442-120F	12	1	0	047	281.59

### 15° EII

Soc



418-005F	1/2	1	25	047	20.51
418-007F	3/4	23	0	047	20.64
418-010F	1	20	0	047	22.59
418-012F	1-1/4	15	0	047	24.45
418-015F	1-1/2	25	0	047	24.80
418-020F	2	1	25	047	25.72
418-025F	2-1/2	18	0	047	30.33
418-030F	3	1	35	047	32.44
418-040F	4	1	20	047	39.07
418-045F	4-1/2	1	15	047	61.82
418-050F	5	1	15	047	54.18
418-060F	6	1	10	047	62.77
418-080F	8	1	4	047	106.11
418-100F	10	1	2	047	160.11
418-120F	12	1	2	047	253.29
418-140F	14	1	0	047	398.21
418-160F	16	1	0	047	542.83
418-180F	18	1	0	047	651.90
418-200F	20	1	0	047	805.84
418-240F	24	1	0	047	1605.07

### 11-1/4° EII

Soc



411-005F	1/2	52	0	047	20.51
411-007F	3/4	52	0	047	20.64
411-010F	1	52	0	047	22.59
411-012F	1-1/4	25	0	047	24.45
411-015	1-1/2	25	0	040	5.29
411-015F	1-1/2	25	0	047	24.80
411-020	2	10	0	040	6.13
411-025F	2-1/2	1	25	047	30.33



**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>11-1/4° EII (continued)</b>					
<b>Soc</b>					
411-030	3	10	0	040	24.71
411-040	4	4	0	040	44.38
411-045F	4-1/2	1	15	047	61.82
411-050F	5	1	15	047	54.18
411-060F	6	1	10	047	62.77
411-080F	8	1	4	047	106.11
411-100F	10	1	2	047	160.11
411-120F	12	1	2	047	253.29
411-140F	14	1	0	047	398.21
411-160F	16	1	0	047	542.83
411-180F	18	1	0	047	651.90
411-200F	20	1	0	047	805.84
411-240F	24	1	0	047	1605.07

**Wye Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" - Larger & All Fabricated Sizes- 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

475-005	1/2	25	100	040	2.62
475-007	3/4	20	0	040	4.11
475-010	1	20	0	040	5.76
475-012	1-1/4	20	0	040	8.85
475-015	1-1/2	20	0	040	11.35
475-020	2	10	0	040	34.06
475-025 <sup>1</sup>	2-1/2	4	0	040	77.86
475-030	3	5	0	040	57.38
475-040	4	4	0	040	108.22
475-050F	5	1	3	047	422.33
475-060	6	3	0	040	228.97
475-080	8	1	0	040	368.29
475-100	10	1	0	041	1220.34
475-100F <sup>*</sup>	10	1	0	047	1024.01
475-120	12	1	0	041	1803.12
475-120F <sup>*</sup>	12	1	0	047	1392.05
475-140F <sup>*</sup>	14	1	0	047	1972.18
475-160F <sup>*</sup>	16	1	0	047	2549.28
475-180F <sup>*</sup>	18	1	0	047	3263.97
475-200F <sup>*</sup>	20	1	0	047	3858.94
475-240F <sup>*</sup>	24	1	0	047	4799.28

<sup>1</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

**Reducing Wye Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" - Larger & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

475-101 <sup>1</sup>	3/4X1/2	20	0	040	8.11
475-130 <sup>1</sup>	1X1/2	20	0	040	10.32
475-131 <sup>1</sup>	1X3/4	20	0	040	10.32
475-166 <sup>1</sup>	1-1/4X1/2	20	0	040	13.88
475-167 <sup>1</sup>	1-1/4X3/4	20	0	040	13.88
475-168 <sup>1</sup>	1-1/4X1	20	0	040	13.88
475-209 <sup>1</sup>	1-1/2X1/2	20	0	040	16.52

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducing Wye (continued)</b>					
<b>Soc</b>					
475-210 <sup>1</sup>	1-1/2X3/4	20	0	040	16.52
475-211 <sup>1</sup>	1-1/2X1	20	0	040	16.52
475-212 <sup>1</sup>	1-1/2X1-1/4	20	0	040	16.52
475-247 <sup>1</sup>	2X1/2	10	0	040	37.53
475-248 <sup>1</sup>	2X3/4	10	0	040	37.53
475-249 <sup>1</sup>	2X1	10	0	040	37.53
475-250 <sup>1</sup>	2X1-1/4	10	0	040	37.53
475-251 <sup>1</sup>	2X1-1/2	10	0	040	37.53
475-292 <sup>1</sup>	2-1/2X2	4	0	040	83.63
475-334 <sup>1</sup>	3X3/4	5	0	040	65.17
475-335 <sup>1</sup>	3X1	5	0	040	65.17
475-336 <sup>1</sup>	3X1-1/4	5	0	040	65.17
475-337 <sup>1</sup>	3X1-1/2	5	0	040	65.17
475-338 <sup>1</sup>	3X2	5	0	040	65.17
475-339 <sup>1</sup>	3X2-1/2	5	0	040	65.17
475-420	4X2	4	0	040	125.19
475-421 <sup>1</sup>	4X2-1/2	4	0	040	125.19
475-422 <sup>1</sup>	4X3	4	0	040	125.19
475-488F <sup>*</sup>	5X3	1	4	047	335.91
475-490F <sup>*</sup>	5X4	1	4	047	349.79
475-528 <sup>1</sup>	6X2	4	0	040	270.21
475-529 <sup>1</sup>	6X2-1/2	5	0	040	270.21
475-530 <sup>1</sup>	6X3	5	0	040	270.21
475-532	6X4	5	0	040	294.40
475-578F <sup>*</sup>	8X2	1	2	047	505.60
475-579F <sup>*</sup>	8X2-1/2	1	0	047	536.53
475-580F <sup>*</sup>	8X3	1	2	047	549.34
475-582F <sup>*</sup>	8X4	1	2	047	566.63
475-585F <sup>*</sup>	8X6	1	0	047	583.80
475-621F <sup>*</sup>	10X2	1	0	047	607.78
475-622F <sup>*</sup>	10X2-1/2	1	0	047	618.23
475-623F <sup>*</sup>	10X3	1	0	047	651.23
475-624F <sup>*</sup>	10X4	1	0	047	689.16
475-626	10X6	1	0	041	1045.80
475-626F <sup>*</sup>	10X6	1	0	047	760.96
475-628	10X8	1	0	041	1162.00
475-628F <sup>*</sup>	10X8	1	0	047	814.24
475-661F <sup>*</sup>	12X2	1	0	047	825.00
475-663F <sup>*</sup>	12X3	1	0	047	844.68
475-664F <sup>*</sup>	12X4	1	0	047	884.02
475-666F <sup>*</sup>	12X6	1	0	047	888.27
475-668F <sup>*</sup>	12X8	1	0	047	1030.11
475-670F <sup>*</sup>	12X10	1	0	047	1177.81
475-691F <sup>*</sup>	14X2	1	0	047	980.73
475-693F <sup>*</sup>	14X3	1	0	047	1061.49
475-694F <sup>*</sup>	14X4	1	0	047	1113.22
475-696F <sup>*</sup>	14X6	1	0	047	1254.21
475-698F <sup>*</sup>	14X8	1	0	047	1437.11
475-700F <sup>*</sup>	14X10	1	0	047	1605.33
475-702F <sup>*</sup>	14X12	1	0	047	1798.59
475-751F <sup>*</sup>	16X2	1	0	047	1139.44
475-753F <sup>*</sup>	16X3	1	0	047	1231.76
475-754F <sup>*</sup>	16X4	1	0	047	1280.95
475-756F <sup>*</sup>	16X6	1	0	047	1441.48
475-758F <sup>*</sup>	16X8	1	0	047	1641.59
475-760F <sup>*</sup>	16X10	1	0	047	1827.06
475-762F <sup>*</sup>	16X12	1	0	047	2036.00
475-764F <sup>*</sup>	16X14	1	0	047	2304.46
475-781F <sup>*</sup>	18X2	1	0	047	1243.24
475-783F <sup>*</sup>	18X3	1	0	047	1300.14
475-784F <sup>*</sup>	18X4	1	0	047	1319.45
475-786F <sup>*</sup>	18X6	1	0	047	2527.98
475-788F <sup>*</sup>	18X8	1	0	047	1886.68
475-790F <sup>*</sup>	18X10	1	0	047	2098.55
475-792F <sup>*</sup>	18X12	1	0	047	2434.51



## Schedule 40 Fittings & Accessories PVC Schedule 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Reducing Wye (continued)

#### Soc

475-794F <sup>†</sup>	18X14	1	0	047	2672.95
475-796F <sup>†</sup>	18X16	0	0	047	2803.29
475-811F <sup>†</sup>	20X2	1	0	047	1307.29
475-813F <sup>†</sup>	20X3	1	0	047	1416.66
475-814F <sup>†</sup>	20X4	1	0	047	1435.01
475-818F <sup>†</sup>	20X8	1	0	047	1976.19
475-816F <sup>†</sup>	20X6	1	0	047	1461.94
475-820F <sup>†</sup>	20X10	1	0	047	2196.94
475-822F <sup>†</sup>	20X12	1	0	047	2647.65
475-824F <sup>†</sup>	20X14	1	0	047	2963.04
475-826F <sup>†</sup>	20X16	0	0	047	3284.22
475-828F <sup>†</sup>	20X18	0	0	047	3525.34
475-901F <sup>†</sup>	24X2	1	0	047	1650.17
475-903F <sup>†</sup>	24X3	1	0	047	1686.47
475-904F <sup>†</sup>	24X4	1	0	047	1732.95
475-906F <sup>†</sup>	24X6	1	0	047	3050.17
475-908F <sup>†</sup>	24X8	1	0	047	3327.26
475-910F <sup>†</sup>	24X10	1	0	047	3362.41
475-912F <sup>†</sup>	24X12	1	0	047	3559.23
475-914F <sup>†</sup>	24X14	1	0	047	3681.35
475-916F <sup>†</sup>	24X16	1	0	047	3855.27
475-918F <sup>†</sup>	24X18	1	0	047	4191.13
475-920F <sup>†</sup>	24X20	0	0	047	4581.26

<sup>†</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

### Double Wye

#### Soc



100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

476-020F <sup>*</sup>	2	1	4	047	264.51
476-030F <sup>*</sup>	3	1	3	047	435.67
476-040F <sup>*</sup>	4	1	2	047	485.30
476-060F <sup>*</sup>	6	1	0	047	552.67
476-080F <sup>*</sup>	8	1	0	047	673.06
476-100F <sup>*</sup>	10	1	0	047	1234.20
476-120F <sup>*</sup>	12	1	0	047	1469.34

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

For larger sizes please contact your Regional Spears® Distribution Center.

### Reducing Double Wye

#### Soc



Size 3" is 150 psi, all Fabricated Sizes- 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

476-338	3X2	5	0	040	95.65
476-420F <sup>*</sup>	4X2	1	4	047	429.64
476-421F <sup>*</sup>	4X2-1/2	1	2	047	448.26
476-422F <sup>*</sup>	4X3	1	3	047	461.15
476-528F <sup>*</sup>	6X2	1	2	047	432.64
476-529F <sup>*</sup>	6X2-1/2	1	2	047	471.00
476-530F <sup>*</sup>	6X3	1	2	047	489.51
476-532F <sup>*</sup>	6X4	1	0	047	497.16
476-578F <sup>*</sup>	8X2	1	2	047	527.80
476-579F <sup>*</sup>	8X2-1/2	1	2	047	548.79
476-580F <sup>*</sup>	8X3	1	0	047	590.56
476-582F <sup>*</sup>	8X4	1	0	047	598.16
476-585F <sup>*</sup>	8X6	1	0	047	627.09
476-621F <sup>*</sup>	10X2	1	0	047	786.37
476-622F <sup>*</sup>	10X2-1/2	1	0	047	833.16
476-623F <sup>*</sup>	10X3	1	0	047	857.05
476-624F <sup>*</sup>	10X4	1	0	047	941.69

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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Reducing Double Wye (continued)

#### Soc

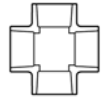
476-626F <sup>*</sup>	10X6	1	0	047	1056.29
476-628F <sup>*</sup>	10X8	1	0	047	1101.49
476-661F <sup>*</sup>	12X2	1	0	047	1121.91
476-662F <sup>*</sup>	12X2 1/2	1	0	047	1134.65
476-663F <sup>*</sup>	12X3	1	0	047	1195.55
476-664F <sup>*</sup>	12X4	1	0	047	1218.90
476-666F <sup>*</sup>	12X6	1	0	047	1288.06
476-668F <sup>*</sup>	12X8	1	0	047	1321.10
476-670F <sup>*</sup>	12X10	1	0	047	1399.57

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

For larger sizes please contact your Regional Spears® Distribution Center.

### Cross

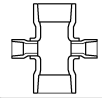
#### Soc



420-005	1/2	50	0	040	2.34
420-007	3/4	50	0	040	3.88
420-010	1	50	0	040	4.83
420-012	1-1/4	25	0	040	6.38
420-015	1-1/2	25	0	040	7.24
420-020	2	10	0	040	10.67
420-025	2-1/2	10	0	040	22.63
420-030	3	5	0	040	27.76
420-040	4	4	0	040	41.12
420-050F	5	1	3	047	587.38
420-060F	6	1	0	047	579.04
420-080F	8	1	0	047	745.86
420-100F	10	1	0	047	902.73
420-120F	12	1	0	047	1272.17
420-140F	14	1	0	047	2262.14
420-160F	16	1	0	047	2867.77
420-180F	18	1	0	047	3263.39
420-200F	20	1	0	047	4867.67
420-240F	24	1	0	047	7099.56

### Reducing Cross

#### Soc



420-101 <sup>†</sup>	3/4X1/2	50	0	040	9.01
420-130 <sup>†</sup>	1X1/2	25	0	040	10.57
420-131	1X3/4	20	0	040	10.57
420-166 <sup>†</sup>	1-1/4X1/2	4	0	040	12.95
420-167 <sup>†</sup>	1-1/4X3/4	25	0	040	12.95
420-168 <sup>†</sup>	1-1/4X1	4	32	040	12.95
420-209 <sup>†</sup>	1-1/2X1/2	20	0	040	14.01
420-210 <sup>†</sup>	1-1/2X3/4	4	0	040	14.01
420-211 <sup>†</sup>	1-1/2X1	4	0	040	14.01
420-212 <sup>†</sup>	1-1/2X1-1/4	4	0	040	14.01
420-247 <sup>†</sup>	2X1/2	4	0	040	16.46
420-248 <sup>†</sup>	2X3/4	10	0	040	16.46
420-249	2X1	25	0	040	16.15
420-250 <sup>†</sup>	2X1-1/4	10	0	040	16.46
420-251 <sup>†</sup>	2X1-1/2	10	0	040	16.46
420-287 <sup>†</sup>	2-1/2X1/2	4	0	040	31.95
420-288 <sup>†</sup>	2-1/2X3/4	4	0	040	31.95
420-289 <sup>†</sup>	2-1/2X1	10	0	040	31.95
420-290 <sup>†</sup>	2-1/2X1-1/4	5	0	040	31.95
420-291 <sup>†</sup>	2-1/2X1-1/2	10	0	040	31.95
420-292 <sup>†</sup>	2-1/2X2	10	0	040	31.95
420-334 <sup>†</sup>	3X3/4	5	0	040	41.52
420-335 <sup>†</sup>	3X1	5	0	040	41.52
420-336 <sup>†</sup>	3X1-1/4	4	0	040	41.52
420-337 <sup>†</sup>	3X1-1/2	5	0	040	41.52

**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**

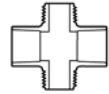


Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducing Cross (continued)</b>					
<b>Soc</b>					
420-338 <sup>1</sup>	3X2	5	0	040	41.52
420-339 <sup>1</sup>	3X2-1/2	4	0	040	41.52
420-420 <sup>1</sup>	4X2	3	0	040	71.46
420-421 <sup>1</sup>	4X2-1/2	3	0	040	71.46
420-422 <sup>1</sup>	4X3	3	0	040	71.46
420-528F	6X2	1	2	047	382.60
420-529F	6X2 1/2	1	2	047	391.24
420-530F	6X3	1	2	047	397.94
420-532F	6X4	1	2	047	456.89
420-578F	8X2	1	2	047	501.24
420-579F	8X2 1/2	1	0	047	515.27
420-580F	8X3	1	0	047	522.14
420-582F	8X4	1	0	047	548.69
420-585F	8X6	1	0	047	624.65
420-621F	10X2	1	0	047	633.41
420-622F	10X2-1/2	1	0	047	648.74
420-623F	10X3	1	0	047	682.76
420-624F	10X4	1	0	047	707.54
420-626F	10X6	1	0	047	758.39
420-628F	10X8	1	0	047	805.81
420-661F	12X2	1	0	047	711.98
420-662F	12X2-1/2	1	0	047	737.91
420-663F	12X3	1	0	047	764.04
420-664F	12X4	1	0	047	800.37
420-666F	12X6	1	0	047	841.74
420-668F	12X8	1	0	047	908.09
420-670F	12X10	1	0	047	1034.82
420-691F	14X2	1	0	047	984.19
420-693F	14X3	1	0	047	1055.11
420-694F	14X4	1	0	047	1078.01
420-696F	14X6	1	0	047	1265.17
420-698F	14X8	1	0	047	1408.80
420-700F	14X10	1	0	047	1601.17
420-702F	14X12	1	0	047	1818.74
420-751F	16X2	1	0	047	1202.68
420-753F	16X3	1	0	047	1293.55
420-754F	16X4	1	0	047	1336.87
420-756F	16X6	1	0	047	1446.09
420-758F	16X8	1	0	047	1693.87
420-760F	16X10	1	0	047	1825.47
420-762F	16X12	1	0	047	2059.96
420-764F	16X14	1	0	047	2279.30
420-781F	18X2	1	0	047	1352.22
420-783F	18X3	1	0	047	1433.55
420-784F	18X4	1	0	047	1448.20
420-786F	18X6	1	0	047	1547.49
420-788F	18X8	1	0	047	1795.87
420-790F	18X10	1	0	047	2283.74
420-792F	18X12	1	0	047	2452.50
420-794F	18X14	1	0	047	2837.38
420-796F	18X16	1	0	047	2922.89
420-811F	20X2	1	0	047	1430.62
420-813F	20X3	1	0	047	1527.09
420-814F	20X4	1	0	047	1616.87
420-816F	20X6	1	0	047	1730.61
420-818F	20X8	1	0	047	1894.84
420-820F	20X10	1	0	047	3228.04
420-822F	20X12	1	0	047	3418.07
420-824F	20X14	1	0	047	3624.12
420-826F	20X16	1	0	047	4228.41
420-828F	20X18	1	0	047	4715.82
420-901F	24X2	1	0	047	2383.56
420-903F	24X3	1	0	047	2454.54
420-904F	24X4	1	0	047	2537.45
420-906F	24X6	1	0	047	2682.41

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducing Cross (continued)</b>					
<b>Soc</b>					
420-908F	24X8	1	0	047	2887.73
420-910F	24X10	1	0	047	4145.81
420-912F	24X12	1	0	047	4227.22
420-914F	24X14	1	0	047	4374.46
420-916F	24X16	1	0	047	5420.69
420-918F	24X18	1	0	047	5960.64
420-920F	24X20	1	0	047	6929.82

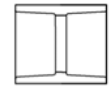
<sup>1</sup>Outlet sized with Bushing

**Cross**  
**Soc x Mipt**



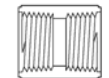
421A-010	1	50	0	040	5.68
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**Coupling**  
**Soc**



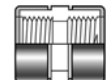
429-003	3/8	50	300	040	1.10
429-005	1/2	50	600	040	.40
429-005N	1/2	50	300	040	.40
429-007	3/4	50	400	040	.55
429-007N	3/4	50	400	040	.55
429-010	1	50	0	040	.97
429-010N	1	50	0	040	.97
429-012	1-1/4	25	150	040	1.34
429-015	1-1/2	25	0	040	1.43
429-020	2	25	0	040	2.18
429-025	2-1/2	12	0	040	4.83
429-030	3	10	0	040	7.56
429-040	4	6	0	040	10.94
429-045F	4-1/2	1	10	047	48.69
429-050	5	5	0	040	20.03
429-060	6	5	0	040	34.59
429-080	8	8	0	040	64.59
429-100	10	1	0	041	188.24
429-100F	10	1	0	047	117.79
429-120	12	1	0	041	375.05
429-120F	12	1	0	047	125.39
429-140	14	1	0	041	548.37
429-140F	14	1	0	047	203.61
429-160F	16	1	0	047	227.10
429-180F	18	1	0	047	387.28
429-200F	20	1	0	047	675.61
429-240F	24	1	0	047	938.29

**Coupling**  
**Fipt**



430-005	1/2	50	600	040	.77
430-005G	1/2	50	300	043	.87
430-007	3/4	50	400	040	1.43
430-010	1	50	0	040	1.88
430-012	1-1/4	10	120	040	6.33

**Special Reinforced Coupling**  
**SR Fipt - Stainless Steel Collar**



430-005SR	1/2	25	300	046	3.51
430-007SR	3/4	25	300	046	4.99
430-010SR	1	25	200	046	5.33
430-012SR	1-1/4	10	120	046	6.64
430-015SR	1-1/2	10	60	046	14.70
430-020SR	2	10	0	046	15.41



**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Coupling**  
**Soc**



429-101	3/4X1/2	50	200	040	1.01
429-130 <sup>1</sup>	1X1/2	25	200	040	2.40
429-131	1X3/4	50	0	040	1.72
429-166 <sup>1</sup>	1-1/4X1/2	25	0	040	4.54
429-167 <sup>1</sup>	1-1/4X3/4	25	0	040	4.54
429-168	1-1/4X1	25	0	040	2.89
429-209 <sup>1</sup>	1-1/2X1/2	8	48	040	3.78
429-210	1-1/2X3/4	25	0	040	3.06
429-211 <sup>1</sup>	1-1/2X1	25	0	040	4.73
429-212	1-1/2X1-1/4	25	0	040	3.06
429-247 <sup>1</sup>	2X1/2	10	0	040	6.67
429-248 <sup>1</sup>	2X3/4	10	0	040	6.67
429-249 <sup>1</sup>	2X1	25	0	040	6.46
429-250 <sup>1</sup>	2X1-1/4	10	80	040	6.67
429-251	2X1-1/2	10	40	040	4.88
429-291 <sup>1</sup>	2-1/2X1-1/2	10	0	040	13.04
429-292	2-1/2X2	10	0	040	10.04
429-335 <sup>1</sup>	3X1	10	0	040	29.56
429-337 <sup>1</sup>	3X1-1/2	8	0	040	29.56
429-338	3X2	8	0	040	26.24
429-339 <sup>1</sup>	3X2-1/2	8	0	040	22.27
429-416 <sup>1</sup>	4X3/4	10	0	040	34.32
429-417 <sup>1</sup>	4X1	8	0	040	54.50
429-420	4X2	4	0	040	31.78
429-421 <sup>1</sup>	4X2-1/2	6	0	040	40.03
429-422	4X3	4	0	040	32.78
429-460F	4-1/2X4	1	4	047	52.27
429-486F	5X2	1	24	047	115.88
429-487F	5X2-1/2	1	10	047	100.24
429-488F	5X3	1	6	047	89.20
429-490F	5X4	1	6	047	57.60
429-491F	5X4-1/2	1	15	047	55.27
429-528F	6X2	1	4	047	85.36
429-530F	6X3	1	15	047	74.84
429-532	6X4	4	0	040	43.26
429-533F	6X5	1	15	047	65.99
429-534F	6X4-1/2	1	15	047	79.74
429-578F	8X2	1	4	047	190.02
429-580F	8X3	1	4	047	170.02
429-582	8X4	1	2	040	100.32
429-583F	8X5	1	4	047	128.33
429-585	8X6	2	0	040	110.79
429-621F	10X2	1	2	047	270.93
429-623F	10X3	1	2	047	240.71
429-624	10X4	1	2	041	531.37
429-624F	10X4	1	2	047	201.24
429-626	10X6	1	0	041	531.37
429-626F	10X6	1	4	047	187.54
429-628	10X8	1	0	041	531.37
429-628F	10X8	1	2	047	131.26
429-664F	12X4	1	2	047	358.05
429-666	12X6	1	0	041	605.02
429-666F	12X6	1	2	047	329.91
429-668	12X8	1	0	041	605.02
429-668F	12X8	1	0	047	319.89
429-670F	12X10	1	0	047	191.07
429-693F	14X3	1	0	047	680.64
429-694F	14X4	1	0	047	596.57
429-696F	14X6	1	0	047	541.90
429-698F	14X8	1	0	047	537.01
429-700F	14X10	1	0	047	424.94
429-702F	14X12	1	0	047	320.05
429-751F	16X2	1	0	047	752.53

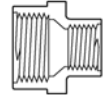
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Coupling (continued)**  
**Soc**

429-754F	16X4	1	0	047	698.24
429-756F	16X6	1	0	047	691.36
429-758F	16X8	1	0	047	531.04
429-760F	16X10	1	0	047	492.45
429-762F	16X12	1	0	047	402.82
429-764F	16X14	1	0	047	384.10
429-786F	18X6	1	0	047	1014.01
429-788F	18X8	1	0	047	950.16
429-790F	18X10	1	0	047	849.72
429-792F	18X12	1	0	047	675.97
429-794F	18X14	1	0	047	627.38
429-796F	18X16	1	0	047	567.98
429-814F	20X4	1	0	047	1632.63
429-816F	20X6	1	0	047	1358.83
429-818F	20X8	1	0	047	1334.67
429-820F	20X10	1	0	047	1283.36
429-822F	20X12	1	0	047	1234.27
429-824F	20X14	1	0	047	1156.86
429-826F	20X16	1	0	047	1060.22
429-828F	20X18	1	0	047	964.03
429-906F	24X6	1	0	047	2419.39
429-908F	24X8	1	0	047	2226.02
429-910F	24X10	1	0	047	2030.44
429-912F	24X12	1	0	047	1998.45
429-914F	24X14	1	0	047	1921.48
429-916F	24X16	1	0	047	1847.93
429-918F	24X18	1	0	047	1636.35
429-920F	24X20	1	0	047	1471.95

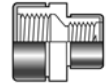
<sup>1</sup>Outlet sized with Bushing

**Reducer Coupling**  
**Fipt**



430-101	3/4X1/2	50	200	040	1.85
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**Special Reinforced Reducer Coupling**  
**SR Fipt - Stainless Steel Collar**



430-101SR	3/4X1/2	50	200	046	7.56
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**Eccentric Reducer Coupling**  
**Soc**



429-131FE	1X3/4	1	15	047	28.06
429-168FE	1-1/4X1	1	12	047	25.47
429-212FE	1-1/2X1-1/4	1	25	047	26.39
429-249FE	2X1	1	25	047	41.39
429-250FE	2X1-1/4	1	25	047	36.27
429-251FE	2X1-1/2	1	20	047	35.05
429-290FE <sup>2</sup>	2-1/2X1-1/4	1	25	047	53.40
429-291FE <sup>2</sup>	2-1/2X1-1/2	1	10	047	53.33
429-292FE	2-1/2X2	1	10	047	41.44
429-335FE <sup>3</sup>	3X1	1	10	047	57.74
429-336FE <sup>2</sup>	3X1-1/4	1	10	047	56.43
429-337FE <sup>2</sup>	3X1-1/2	1	10	047	52.11
429-338E	3X2	15	0	040	33.30
429-338FE	3X2	1	20	047	31.95
429-339FE	3X2-1/2	1	24	047	30.36
429-417FE <sup>3</sup>	4X1	1	4	047	87.49
429-418FE <sup>3</sup>	4X1-1/4	1	12	047	84.51
429-419FE <sup>3</sup>	4X1-1/2	1	10	047	80.67
429-420E	4X2	15	0	040	48.29
429-420FE <sup>2</sup>	4X2	1	6	047	43.39
429-421FE <sup>2</sup>	4X2-1/2	1	5	047	42.68
429-422FE	4X3	1	10	047	40.10

## Schedule 40 Fittings & Accessories PVC Schedule 40 Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Eccentric Reducer Coupling (continued)

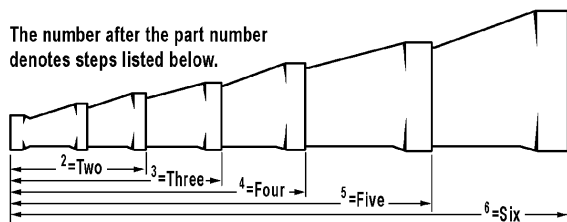
Soc

429-490FE	5X4	1	6	047	64.85
429-528FE <sup>2</sup>	6X2	1	4	047	141.10
429-529FE <sup>3</sup>	6X2-1/2	1	4	047	128.80
429-530FE <sup>2</sup>	6X3	1	6	047	90.21
429-532E	6X4	10	0	040	57.50
429-532FE	6X4	1	6	047	45.11
429-533FE	6X5	1	10	047	44.71
429-578FE <sup>4</sup>	8X2	1	3	047	197.55
429-580FE <sup>3</sup>	8X3	1	2	047	186.07
429-582FE <sup>2</sup>	8X4	1	2	047	92.91
429-583FE <sup>2</sup>	8X5	1	2	047	88.02
429-585FE	8X6	1	4	047	75.11
429-624FE <sup>2</sup>	10X4	1	2	047	212.45
429-626FE	10X6	1	2	047	195.34
429-628FE	10X8	1	2	047	184.17
429-664FE <sup>3</sup>	12X4	1	0	047	396.38
429-666FE <sup>2</sup>	12X6	1	0	047	325.70
429-668FE <sup>2</sup>	12X8	1	0	047	215.98
429-670FE	12X10	1	0	047	187.26
429-696FE <sup>2</sup>	14X6	1	0	047	661.64
429-698FE <sup>2</sup>	14X8	1	0	047	541.99
429-700FE	14X10	1	0	047	492.01
429-702FE	14X12	1	0	047	271.20
429-756FE <sup>3</sup>	16X6	1	0	047	645.40
429-758FE <sup>3</sup>	16X8	1	0	047	538.61
429-760FE <sup>2</sup>	16X10	1	0	047	484.61
429-762FE <sup>1</sup>	16X12	1	0	047	454.50
429-764FE	16X14	1	0	047	426.20
429-786FE <sup>4</sup>	18X6	1	0	047	1020.39
429-788FE <sup>4</sup>	18X8	1	0	047	1005.85
429-790FE <sup>3</sup>	18X10	1	0	047	898.80
429-792FE <sup>2</sup>	18X12	1	0	047	811.16
429-794FE <sup>2</sup>	18X14	1	0	047	717.18
429-796FE	18X16	1	0	047	578.53

### Eccentric Reducer Coupling Footnotes

Multi-Step Configurations

The number after the part number denotes steps listed below.



Example: 429-582 FE<sup>2</sup> (2 = 2 Step)

### Deep Socket Coupling

Soc

479-005N	1/2	50	400	040	.78
479-007	3/4	50	0	040	1.89
479-010	1	50	0	040	2.70
479-015	1-1/2	50	0	040	3.73
479-020	2	60	0	040	6.18
479-025	2-1/2	25	0	040	7.95
479-030	3	15	0	040	11.98
479-040	4	8	0	040	24.06
479-050F	5	1	4	047	81.28



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### IPS to PIP Adapter

Spigot x Soc

431-060	6	5	0	040	26.29
431-080	8	10	0	040	32.39
431-100F	10	1	10	047	44.24
431-120F	12	1	8	047	67.55



### Female Adapter

Soc x Fipt

435-003	3/8	50	600	040	2.24
435-005	1/2	50	600	040	.68
D435-005	1/2	50	400	040	1.00
435-007	3/4	50	400	040	.87
D435-007	3/4	50	0	040	1.34
435-010	1	50	0	040	1.01
435-012	1-1/4	25	0	040	1.56
435-015	1-1/2	25	0	040	1.79
435-020	2	10	80	040	2.40
435-025	2-1/2	10	0	040	6.07
435-030	3	5	0	040	8.17
435-040	4	6	0	040	13.54
435-050	5	5	0	040	35.06
435-060	6	5	0	040	49.82
435-080	8	2	0	040	93.94
435-100F	10	1	2	047	176.46
435-120F	12	1	0	047	262.93



### Special Reinforced Female Adapter

Soc x SR Fipt - Stainless Steel Collar

435-002SR	1/4	25	450	046	5.31
435-003SR	3/8	25	300	046	5.31
435-005SR	1/2	25	300	046	2.95
435-007SR	3/4	25	300	046	4.29
435-010SR	1	25	200	046	6.38
435-012SR	1-1/4	10	60	046	10.32
435-015SR	1-1/2	10	80	046	12.70
435-020SR	2	10	0	046	22.15
435-025SR	2-1/2	5	0	046	34.95
435-030SR	3	10	0	046	39.38
435-040SR	4	5	0	046	67.68



### Spigot Female Adapter

Spigot x Fipt

478-005	1/2	50	600	040	.77
478-007	3/4	25	300	040	.90
478-010	1	50	0	040	1.44
478-012	1-1/4	25	0	040	2.01
478-015	1-1/2	20	0	040	2.49
478-020	2	20	0	040	3.66
478-030	3	10	0	040	12.40
478-040	4	5	0	040	20.59



### Special Reinforced Spigot Female Adapter

Spigot x SR Fipt - Stainless Steel Collar

478-005SR	1/2	50	600	046	3.88
478-007SR	3/4	25	300	046	4.57
478-010SR	1	50	0	046	7.04
478-012SR	1-1/4	25	0	046	11.21
478-015SR	1-1/2	25	0	046	13.44
478-020SR	2	15	0	046	22.37







## Schedule 40 Fittings & Accessories PVC Schedule 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Spigot Female Adapter (continued)

Spig x SR Fipt - Stainless Steel Collar

478-030SR	3	5	0	046	41.12
478-040SR	4	5	0	046	63.51

### Special Reinforced Reducing Spigot Female Adapter

Spig x SR Fipt - Stainless Steel Collar

478-072SR	1/2X1/4	25	450	046	10.78
478-098SR	3/4X1/4	50	300	046	15.70
478-128SR	1X1/4	50	400	046	16.19

Spears® SR Series reinforced spigot adapters can be user-installed in a variety of socket type tees, elbows and reducer bushings for superior thread reinforcement demanding applications.

### Reducing Female Adapter

Soc x Fipt

435-072	1/2X1/4	50	300	040	1.23
435-073	1/2X3/8	50	300	040	1.23
435-074	1/2X3/4	50	400	040	1.23
435-101	3/4X1/2	50	400	040	1.23
435-102	3/4X1	50	0	040	1.63
435-130	1X1/2	50	0	040	1.63
435-131	1X3/4	50	0	040	1.63
435-133	1X1-1/2	25	0	040	3.29
435-168	1-1/4X1	25	0	040	3.13
435-247	2X1/2	25	0	040	2.99
435-460F <sup>1</sup>	4-1/2X4	1	8	047	55.35
435-532 <sup>1</sup>	6X4	4	0	040	72.57
435-578F <sup>1</sup>	8X2	1	8	047	145.52
435-582F <sup>1</sup>	8X4	1	8	047	135.79
435-628F	10X8	1	2	047	183.65

<sup>1</sup>Outlet sizes with Threaded Adapter

### Special Reinforced Reducing Female Adapter

Soc x SR Fipt - Stainless Steel Collar

435-072SR	1/2X1/4	50	600	046	3.86
435-074SR	1/2X3/4	50	400	046	4.29
435-101SR	3/4X1/2	50	400	046	4.29
435-102SR	3/4X1	50	0	046	6.38
435-130SR	1X1/2	50	0	046	6.38
435-131SR	1X3/4	25	200	046	6.38

### Male Adapter

Mipt x Soc

436-003	3/8	50	300	040	2.09
436-005	1/2	50	300	040	.55
436-007	3/4	50	400	040	.61
436-010	1	50	300	040	1.10
436-012	1-1/4	25	0	040	1.34
436-015	1-1/2	25	0	040	1.79
436-020	2	25	0	040	2.35
436-025	2-1/2	10	0	040	6.93
436-030	3	10	0	040	10.14
436-040	4	5	0	040	12.93
436-050	5	5	0	040	21.30
436-060	6	7	0	040	33.71
436-080	8	3	0	040	153.21
436-100F	10	1	2	047	198.13
436-120F	12	1	0	047	294.44

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Male Adapter

Spig x Mipt

461-005	1/2	50	300	040	.97
461-007	3/4	50	400	040	1.10
461-010	1	50	0	040	1.90
461-131	1X3/4	50	200	040	5.61
461-012	1-1/4	25	100	040	2.35
461-015	1-1/2	25	0	040	3.14
461-020	2	25	0	040	3.87

### Reducing Male Adapter

Mipt x Soc

436-053	3/8X1/2	50	300	040	1.10
436-073	1/2X3/8	50	300	040	1.10
436-074	1/2X3/4	50	200	040	1.10
436-075	1/2X1	50	200	040	1.48
436-101	3/4X1/2	50	300	040	1.01
436-102	3/4X1	50	0	040	1.56
436-131	1X3/4	50	400	040	3.36
436-132	1X1-1/4	50	0	040	3.66
436-133	1X1-1/2	50	0	040	4.12
436-168	1-1/4X1	25	200	040	4.12
436-169	1-1/4X1-1/2	25	0	040	4.12
436-212	1-1/2X1-1/4	25	0	040	4.98
436-213	1-1/2X2	25	0	040	4.98
436-251	2X1-1/2	10	80	040	5.68
436-252	2X2-1/2	10	0	040	8.84
436-253	2X3	10	0	040	9.94
436-294	2-1/2X3	10	0	040	10.70
436-296	2-1/2X4	10	0	040	16.43
436-342	3X4	5	0	040	17.12
436-535F	6X8	1	2	047	124.26
436-537F	6X10	1	2	047	242.19

### IPT Adapter

Mipt x Fipt

446-003	3/8	50	300	040	1.88
446-012	1-1/4	25	100	040	4.28
446-053	3/8X1/2	50	300	040	1.88
446-074	1/2X3/4	50	200	040	2.35

### Insert Adapter (White PVC)

Insert x Soc

474-005	1/2	50	600	040	1.96
474-007	3/4	50	400	040	2.35
474-010	1	50	0	040	2.49
474-012	1-1/4	25	0	040	3.95
474-015	1-1/2	25	0	040	4.38
474-020	2	25	0	040	8.11
474-030	3	15	0	040	24.18
474-040	4	15	0	040	27.64
474-060F	6	1	4	047	142.83
474-080F	8	1	4	047	226.91

ASTM D 2609 Plastic Insert Fittings for Polyethylene (PE) pipe

### Insert Adapter (White PVC)

Insert x I.P.S. Spigot

460-005	1/2	50	300	040	2.15
460-007	3/4	50	200	040	2.82
460-010	1	50	0	040	2.95
460-012	1-1/4	20	160	040	3.04



**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Insert Adapter (White PVC) (continued)**

Insert x I.P.S. Spigot

460-015	1-1/2	25	0	040	3.27
460-020	2	10	0	040	5.43
460-030	3	25	0	040	18.34
460-040	4	10	0	040	21.13
1432-060	6	8	0	140	90.83
1432-080*	8	4	0	140	180.33

ASTM D 2609 - Plastic Insert Fitting for Polyethylene (PE) pipe  
\*Fabricated

**Insert Adapter (White PVC)**

Insert x I.P.S. Spigot x I.P.S. Socket



460-007N	3/4X3/4X1/2	50	200	040	2.82
460-012N	1-1/4X1-1/4X1	20	160	040	3.04
460-131N	3/4X1X3/4	20	160	040	3.29
460-132N	1X1-1/4X1	20	160	040	3.55

ASTM D 2609 - Plastic Insert Fitting for Polyethylene (PE) pipe  
N=Nesting

**Riser Extension**

Fipt x Mipt



(See also HDPE Cut-Off Riser Extensions in this catalog)

434-005	1/2	50	300	040	1.12
434-007	3/4	50	300	040	1.88
434-010	1	50	0	040	2.35

**HDPE Cut-Off Riser Extension**

Fipt x Mipt



(1/2" = 3-Section Cut-Off; 3/4" = 4-Section Cut-Off)

M434-005-3	1/2X3	50	600	120	1.35
M434-007-4	3/4X4	50	0	120	1.79

High Density Polyethylene - Not NSF-listed - Not pressure rated. For use on open ended irrigation systems.

**Reducer (T.T.) Bushing**

Mipt x Fipt



439-052	3/8X1/4	50	450	040	2.89
439-071	1/2X1/8	50	300	040	2.89
439-072	1/2X1/4	50	300	040	2.89
439-073	1/2X3/8	50	300	040	2.89
439-098	3/4X1/4	50	300	040	1.79
439-099	3/4X3/8	50	300	040	1.79
439-101	3/4X1/2	50	300	040	1.79
439-128	1X1/4	25	150	040	2.51
439-130	1X1/2	50	300	040	2.51
439-131	1X3/4	50	800	040	2.51
439-166	1-1/4X1/2	25	300	040	3.73
439-167	1-1/4X3/4	25	300	040	3.73
439-168	1-1/4X1	25	150	040	3.73
439-209	1-1/2X1/2	25	300	040	4.51
439-210	1-1/2X3/4	25	300	040	4.51
439-211	1-1/2X1	25	100	040	4.51
439-212	1-1/2X1-1/4	25	300	040	4.51
439-247	2X1/2	10	120	040	4.83
439-248	2X3/4	10	120	040	4.83
439-249	2X1	10	120	040	4.83
439-250	2X1-1/4	10	60	040	4.83
439-251	2X1-1/2	10	120	040	4.83
439-292	2-1/2X2	10	80	040	16.88
439-337	3X1-1/2	10	0	040	19.97
439-338	3X2	10	0	040	19.97
439-339	3X2-1/2	10	0	040	19.97

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer (T.T.) Bushing (continued)**

Mipt x Fipt

439-420	4X2	6	0	040	59.69
439-422	4X3	6	0	040	46.16

**Reducer Bushing Flush Style**

Spigot x Soc



437-072	1/2X1/4	50	300	040	1.16
437-073	1/2X3/8	50	300	040	1.16
437-101	3/4X1/2	50	350	040	.64
437-130	1X1/2	50	300	040	1.16
437-131	1X3/4	50	300	040	1.16
437-166	1-1/4X1/2	25	300	040	1.56
437-167	1-1/4X3/4	25	300	040	1.56
437-168	1-1/4X1	25	300	040	1.56
437-209	1-1/2X1/2	25	200	040	1.65
437-210	1-1/2X3/4	25	200	040	1.65
437-211	1-1/2X1	25	200	040	1.65
437-212	1-1/2X1-1/4	25	200	040	1.65
437-247	2X1/2	10	120	040	2.73
437-248	2X3/4	10	60	040	2.73
437-249	2X1	10	60	040	2.73
437-250	2X1-1/4	10	120	040	2.73
437-251	2X1-1/2	25	0	040	2.73
437-287	2-1/2X1/2	10	80	040	4.39
437-288	2-1/2X3/4	10	0	040	4.39
437-289	2-1/2X1	10	40	040	4.39
437-290	2-1/2X1-1/4	10	0	040	4.39
437-291	2-1/2X1-1/2	10	80	040	4.39
437-292	2-1/2X2	10	80	040	4.39
437-333 <sup>1</sup>	3X1/2	10	0	040	8.64
437-334	3X3/4	10	0	040	6.46
437-335	3X1	10	0	040	6.46
437-336	3X1-1/4	10	0	040	6.46
437-337	3X1-1/2	10	0	040	6.46
437-338	3X2	10	0	040	6.46
437-339	3X2-1/2	15	0	040	6.46
437-420	4X2	6	0	040	14.47
437-421	4X2-1/2	6	0	040	14.47
437-422	4X3	6	0	040	14.47
437-486	5X2	5	0	040	20.34
437-488	5X3	5	0	040	20.34
437-490	5X4	4	0	040	20.34
437-528	6X2	5	0	040	35.83
437-530	6X3	5	0	040	35.83
437-532	6X4	5	0	040	35.83
437-534	6X5	5	0	040	35.83
437-578 <sup>1</sup>	8X2	4	0	040	141.31
437-580 <sup>1</sup>	8X3	4	0	040	141.31
437-582	8X4	4	0	040	124.90
437-583 <sup>1</sup>	8X5	4	0	040	163.20
437-585	8X6	4	0	040	124.90
437-623	10X3	2	0	041	374.83
437-624 <sup>1</sup>	10X4	2	0	041	374.83
437-626	10X6	2	0	041	340.00
437-628	10X8	4	0	041	340.00
437-664 <sup>1</sup>	12X4	2	0	041	506.29
437-666 <sup>1</sup>	12X6	2	0	041	506.29
437-666F	12X6	1	2	047	373.83
437-668	12X8	2	0	041	378.12
437-670	12X10	2	0	041	378.12
437-696F	14X6	1	3	047	917.49
437-698F	14X8	1	3	047	657.35
437-700F	14X10	1	3	047	438.52
437-702F	14X12	1	3	047	153.05
437-756F	16X6	1	0	047	1093.11

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
**Progressive Products from Spears® Innovation and Technology**

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**Schedule 40 Fittings & Accessories  
PVC Schedule 40 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducer Bushing Flush Style (continued)</b>					
<b>Spig x Soc</b>					
437-758F	16X8	1	2	047	862.04
437-760F	16X10	1	2	047	619.36
437-762F	16X12	1	2	047	357.79
437-764F	16X14	1	2	047	374.46
437-786F	18X6	1	0	047	1835.36
437-788F	18X8	1	0	047	1686.01
437-790F	18X10	1	0	047	1378.95
437-792F	18X12	1	0	047	887.63
437-794F	18X14	1	0	047	864.89
437-796F	18X16	1	0	047	407.77
437-816F	20X6	1	0	047	2540.88
437-818F	20X8	1	0	047	2388.05
437-820F	20X10	1	0	047	2213.17
437-822F	20X12	1	0	047	1933.01
437-824F	20X14	1	0	047	1584.17
437-826F	20X16	1	0	047	1266.20
437-828F	20X18	1	0	047	631.39
437-906F	24X6	1	0	047	4046.49
437-908F	24X8	1	0	047	3878.47
437-910F	24X10	1	0	047	3414.40
437-912F	24X12	1	0	047	3120.63
437-914F	24X14	1	0	047	2878.33
437-916F	24X16	1	0	047	2409.64
437-918F	24X18	1	0	047	2396.41
437-920F	24X20	1	0	047	1950.90

<sup>1</sup> Sized with Bushing

**Reducer Bushing Flush Style**  
**Spig x Fipt**



438-071	1/2X1/8	50	350	040	1.34
438-072	1/2X1/4	50	350	040	1.34
438-073	1/2X3/8	50	350	040	1.34
438-098	3/4X1/4	50	300	040	1.34
438-101	3/4X1/2	50	300	040	1.01
438-127	1X1/8	25	150	040	1.63
438-128	1X1/4	50	200	040	1.63
438-129	1X3/8	50	200	040	1.63
438-130	1X1/2	50	300	040	1.63
438-131	1X3/4	50	300	040	1.63
438-166	1-1/4X1/2	25	150	040	2.51
438-167	1-1/4X3/4	25	150	040	2.51
438-168	1-1/4X1	25	100	040	2.51
438-206	1-1/2X1/8	25	100	040	2.89
438-207	1-1/2X1/4	25	200	040	2.89
438-209	1-1/2X1/2	25	100	040	2.89
438-210	1-1/2X3/4	25	100	040	2.89
438-211	1-1/2X1	25	100	040	2.89
438-212	1-1/2X1-1/4	25	100	040	2.89
438-245	2X1/4	10	60	040	3.88
438-247	2X1/2	10	120	040	3.88
438-248	2X3/4	10	60	040	3.88
438-249	2X1	10	120	040	3.88
438-250	2X1-1/4	10	120	040	3.88
438-251	2X1-1/2	10	120	040	3.88
438-287	2-1/2X1/2	10	0	040	5.62
438-288	2-1/2X3/4	10	40	040	5.62
438-289	2-1/2X1	10	40	040	5.62
438-290	2-1/2X1-1/4	10	0	040	5.62
438-291	2-1/2X1-1/2	10	40	040	5.62
438-292	2-1/2X2	10	40	040	5.62
438-334	3X3/4	10	0	040	6.46
438-335	3X1	10	0	040	6.46
438-336	3X1-1/4	10	0	040	6.46
438-337	3X1-1/2	10	0	040	6.46

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Reducer Bushing Flush Style (continued)</b>					
<b>Spig x Fipt</b>					
438-338	3X2	10	0	040	6.46
438-339	3X2-1/2	10	0	040	6.46
438-420	4X2	6	0	040	14.44
438-421	4X2-1/2	6	0	040	14.44
438-422	4X3	6	0	040	14.44
438-488	5X3	5	0	040	28.16
438-490	5X4	6	0	040	28.16
438-528	6X2	5	0	040	52.85
438-530	6X3	5	0	040	52.85
438-532	6X4	5	0	040	52.85
438-534	6X5	5	0	040	52.85

**Special Reinforced Reducer Bushing Flush Style**



**Spig x SR Fipt - Stainless Steel Collar**

438-128SR	1X1/4	25	300	046	3.14
438-166SR	1-1/4X1/2	25	100	046	5.74
438-207SR	1-1/2X1/4	25	100	046	8.01
438-209SR	1-1/2X1/2	25	100	046	8.01
438-210SR	1-1/2X3/4	25	100	046	8.01
438-247SR	2X1/2	10	80	046	9.80
438-248SR	2X3/4	10	80	046	9.80
438-249SR	2X1	10	80	046	9.80
438-334SR	3X3/4	10	0	046	38.36
438-335SR	3X1	10	0	046	38.36
438-336SR	3X-1/4	10	0	046	38.36
438-337SR	3X1-1/2	10	0	046	38.36
438-420SR	4X2	6	0	046	58.97
438-421SR	4X2-1/2	6	0	046	66.37
438-528SR	6X2	5	0	046	67.91
438-530SR	6X3	5	0	046	61.13
438-532SR	6X4	5	0	046	67.91

**Special Reinforced Reducer Bushing Flush Style**



**Mipt X SR Fipt - Stainless Steel Collar**

439-209SR	1-1/2X1/2	25	200	046	8.30
439-249SR	2X1	10	120	046	12.19

**Cap Soc**



447-003	3/8	50	1000	040	1.56
447-005	1/2	50	600	040	.55
447-007	3/4	50	300	040	.64
447-010	1	50	200	040	1.01
447-012	1-1/4	25	100	040	1.43
447-015	1-1/2	25	0	040	1.56
447-020	2	25	0	040	1.88
447-025	2-1/2	10	0	040	5.99
447-030	3	10	0	040	6.55
447-040	4	6	0	040	14.89
447-045F	4-1/2	10	0	047	47.85
447-050	5	5	0	040	25.00
447-060	6	4	0	040	35.69
447-080	8	3	0	040	89.66
447-100F	10	1	5	047	199.87
447-120F	12	1	5	047	290.38
447-140F	14	1	2	047	364.43
447-160F	16	1	2	047	434.97
447-180F	18	1	2	047	766.46
447-200F	20	1	0	047	1163.85
447-240F	24	1	0	047	1852.41

**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings & Unions**



**Caps**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cap**  
**Fipt**



448-003	3/8	50	1000	040	2.10
448-005	1/2	50	600	040	1.16
448-007	3/4	50	300	040	1.34
448-010	1	50	200	040	2.02
448-012	1-1/4	25	100	040	2.40
448-015	1-1/2	25	100	040	2.51
448-020	2	10	120	040	4.44
448-025	2-1/2	10	0	040	6.55
448-030	3	10	0	040	8.56
448-040	4	6	0	040	15.02
448-050	5	5	0	040	29.10
448-060	6	8	0	040	35.50
448-080F	8	1	2	047	173.26
448-100F	10	1	2	047	352.09
448-120F	12	1	0	047	703.50

**Special Reinforced Cap**  
**SR Fipt - Stainless Steel Collar**



448-012SR	1-1/4	25	100	046	6.40
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**Plugs**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Plug**  
**Spig**



449-003	3/8	50	700	040	1.65
449-005	1/2	50	1000	040	1.34
449-007	3/4	50	300	040	1.56
449-010	1	50	200	040	1.88
449-012	1-1/4	25	150	040	2.51
449-015	1-1/2	25	100	040	3.19
449-020	2	10	120	040	3.95
449-025	2-1/2	10	0	040	6.77
449-030	3	10	0	040	8.94
449-040	4	6	0	040	20.24
449-060	6	6	0	040	27.41
449-080F <sup>4</sup>	8	1	6	047	106.77
449-100F <sup>4</sup>	10	1	0	047	245.11
449-120F <sup>4</sup>	12	1	0	047	400.78
449-140F <sup>4</sup>	14	1	2	047	439.37
449-160F <sup>4</sup>	16	1	0	047	485.87
449-180F <sup>4</sup>	18	1	0	047	867.05
449-200F <sup>4</sup>	20	1	0	047	1586.23

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Plug (continued)**  
**Spig**

449-240F <sup>4</sup>	24	1	0	047	2111.49
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<sup>4</sup> Plug fabricated using Cap and pipe spigot.

**Plug**  
**Mipt**



450-003	3/8	50	700	040	1.80
450-005	1/2	50	500	040	1.65
450-007	3/4	50	300	040	1.78
450-010	1	50	400	040	2.89
450-012	1-1/4	25	300	040	3.04
450-015	1-1/2	25	150	040	3.27
450-020	2	10	120	040	4.22
450-025	2-1/2	10	0	040	5.86
450-030	3	10	0	040	8.87
450-040	4	6	0	040	20.02
450-060	6	6	0	040	58.69
450-080F <sup>4</sup>	8	1	4	047	223.15
450-100F <sup>4</sup>	10	1	3	047	357.59



## Schedule 40 Fittings & Accessories Unions & PVC Schedule 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union (continued)

#### Fipt with Buna O-ring Seal

458-025	2-1/2	5	0	040	46.98
458-030	3	5	0	040	75.40
458-040	4	4	0	040	100.06
458-060	6	1	0	040	222.39

### Union

#### Fipt with EPDM O-ring Seal



150 psi @ 73°F (23°C)

498-005	1/2	10	60	040	7.39
498-007	3/4	10	60	040	12.35
498-010	1	10	60	040	16.82
498-012	1-1/4	5	20	040	28.88
498-015	1-1/2	5	30	040	29.57
498-020	2	5	0	040	36.32
498-025	2-1/2	5	0	040	50.85
498-030	3	5	0	040	81.96
498-040	4	4	0	040	110.45
498-060	6	1	0	040	245.45

### Special Reinforced Union

#### Soc x SR Fipt with Buna O-ring Seal - Stainless Steel Collar



235 psi @ 73°F (23°C)

459-002SR	1/4	25	150	046	14.55
459-003SR	3/8	25	100	046	14.55
459-005SR	1/2	10	60	046	7.90
459-007SR	3/4	10	40	046	10.88
459-010SR	1	10	40	046	14.48
459-012SR	1-1/4	5	20	046	27.64
459-015SR	1-1/2	5	0	046	34.21
459-020SR	2	5	0	046	52.69
459-030SR	3	5	0	046	124.40
459-040SR	4	4	0	046	142.83
459-060SR	6	1	0	046	317.40

### Special Reinforced Union

#### Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi @ 73°F (23°C)

499-002SR	1/4	25	150	046	15.98
499-003SR	3/8	25	100	046	15.98
499-005SR	1/2	10	60	046	8.68
499-007SR	3/4	10	40	046	11.96
499-010SR	1	10	40	046	15.89
499-012SR	1-1/4	5	20	046	30.37
499-015SR	1-1/2	5	0	046	37.60
499-020SR	2	5	0	046	57.90
499-030SR	3	5	0	046	136.71
499-040SR	4	4	0	046	156.95
499-060SR	6	1	0	046	348.80

### Transition Union

#### Soc x Fipt with Brass Thread Insert & Buna-N O-ring Seal



235 psi @ 73°F (23°C)

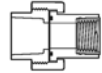
459-010BR	1	10	0	046	61.50
459-012BR	1-1/4	5	20	046	103.32
459-015BR	1-1/2	5	0	046	136.70
459-020BR	2	5	0	046	182.34

Not intended to convey or dispense water for human consumption through drinking or cooking

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Transition Union

#### Soc x Fipt with Brass Thread Insert & EPDM O-ring Seal



235 psi @ 73°F (23°C)

499-010BR	1	10	0	046	61.50
499-012BR	1-1/4	5	20	046	103.32
499-015BR	1-1/2	5	0	046	136.70
499-020BR	2	5	0	046	182.34

Not intended to convey or dispense water for human consumption through drinking or cooking

### Saddle

#### IPS O.D. x Soc



NSF-61

463-288	2-1/2X3/4	10	0	040	26.19
463-333 <sup>1</sup>	3X1/2	10	0	040	28.70
463-335 <sup>1</sup>	3X1	10	0	040	28.70
463-336 <sup>1</sup>	3X1-1/4	10	0	040	28.70
463-337	3X1-1/2	10	0	040	26.19
463-338 <sup>2</sup>	3X2	10	0	040	28.70
463-415 <sup>1</sup>	4X1/2	10	0	040	38.30
463-416 <sup>1</sup>	4X3/4	10	0	040	47.11
463-417 <sup>1</sup>	4X1	10	0	040	38.30
463-418 <sup>1</sup>	4X1-1/4	10	0	040	38.30
463-419	4X1-1/2	10	0	040	34.99
463-420 <sup>2</sup>	4X2	10	0	040	38.30
463-485 <sup>1</sup>	5X1-1/2	6	0	040	47.83
463-486	5X2	6	0	040	43.67
463-523 <sup>1</sup>	6X1/2	5	0	040	57.46
463-525 <sup>1</sup>	6X1	10	0	040	57.46
463-526 <sup>1</sup>	6X1-1/4	5	0	040	57.46
463-527	6X1-1/2	5	0	040	52.51
463-528 <sup>2</sup>	6X2	5	0	040	57.46
463-530 <sup>1</sup>	6X3	5	0	040	82.01
463-532	6X4	5	0	040	66.06
463-573 <sup>1</sup>	8X1/2	5	0	040	85.68
463-575 <sup>1</sup>	8X1	5	0	040	85.68
463-576 <sup>1</sup>	8X1-1/4	5	0	040	85.68
463-577	8X1-1/2	5	0	040	78.24
463-578 <sup>2</sup>	8X2	5	0	040	85.68
463-580 <sup>1</sup>	8X3	5	0	040	99.36
463-582	8X4	5	0	040	83.88
463-624	10X4	5	0	041	96.17

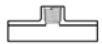
<sup>1</sup> Outlet-sized with Bushing

<sup>2</sup> Outlet-sized with Coupling

Note: See following Installation Instructions

### Saddle

#### IPS O.D. x Fipt



NSF-61

464-288	2-1/2X3/4	10	0	040	26.19
464-337	3X1-1/2	10	0	040	26.19
464-419	4X1-1/2	10	0	040	34.99
464-486	5X2	6	0	040	43.67
464-527	6X1-1/2	5	0	040	52.48
464-532	6X4	5	0	040	66.06
464-577	8X1-1/2	5	0	040	78.24
464-582	8X4	5	0	040	83.88
464-624	10X4	5	0	041	96.17

**Schedule 40 Fittings & Accessories**  
**PVC Schedule 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Saddle (continued)**

**IPS O.D. x Fipt**

**Saddle Installation Instructions:**

When Assembling Spears® Saddles to PVC pipe, Spears® Manufacturing Company recommends Industrial Polychemical Service (IPS) #719 Solvent Cement and #P-68 Primer, or equivalent. Although good connections may be accomplished without saddle straps, Spears® Manufacturing Company recommends the use of clamp or strap device during the assembly step to ensure good compression between the pipe and fitting surfaces as the solvent cures. Solvent cemented saddles are non pressure rated. For additional information, contact Spears® Technical Service.

**Snap-On Saddle**

**IPS O.D. x Soc**



NSF-61

463-005	<b>1/2</b>	25	300	040	1.37
463-007	<b>3/4</b>	25	200	040	1.52
463-010	<b>1</b>	50	0	040	2.90
463-012	<b>1-1/4</b>	50	0	040	4.51
463-015	<b>1-1/2</b>	25	0	040	5.48
463-020	<b>2</b>	20	0	040	8.01
463-101	<b>3/4X1/2</b>	25	300	040	1.78
463-130	<b>1X1/2</b>	50	0	040	2.90

Note: See following installation instructions

**Snap-On Saddle**

**IPS O.D. x Fipt**



464-005	<b>1/2</b>	25	300	040	1.78
464-007	<b>3/4</b>	25	200	040	2.79
464-010	<b>1</b>	50	0	040	5.12
464-071	<b>1/2X1/8</b>	50	300	040	1.78
464-097	<b>3/4X1/8</b>	50	200	040	2.35
464-101	<b>3/4X1/2</b>	25	300	040	2.35
464-130	<b>1X1/2</b>	50	0	040	4.23
464-131	<b>1X3/4</b>	50	0	040	4.23
464-210	<b>1-1/2X3/4</b>	25	0	040	10.65

**Snap-On Saddle Installation Instructions**

- The surface to be joined must be wiped clean.
- Using an appropriate applicator, apply a coat of primer to the fitting and pipe.
- While the primer is still wet, apply a generous coat of medium bodied cement first to the pipe, then to the fitting and then to the pipe again, covering an area of the pipe slightly larger than the saddle.
- Without delay, push the saddle onto the pipe and rotate the fitting approximately 15° in each direction to evenly distribute the cement.
- Allow cement to cure.
- Drill fitting and pipe with the recommended size hole saw.
- Remove debris from the line.
- Follow all safe handling precautions.

Solvent cemented saddles are non pressure rated. For additional information, contact Spears® Technical Service.

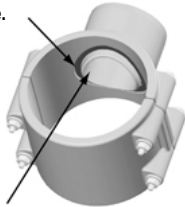


## Schedule 40 Fittings & Accessories Clamp-On & Hot-Tap Saddles

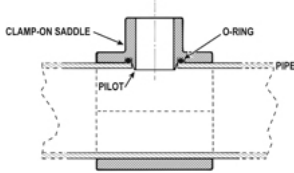
### Spears® Two-Piece Clamp-On Saddle Design Clamps onto Pipe for Quick and Easy Installation



O-ring seal provides positive, trouble-free sealing to pipe.

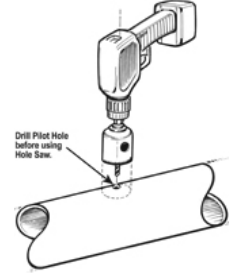


Special pilot engages with hole in pipe to prevent saddle dislocation.



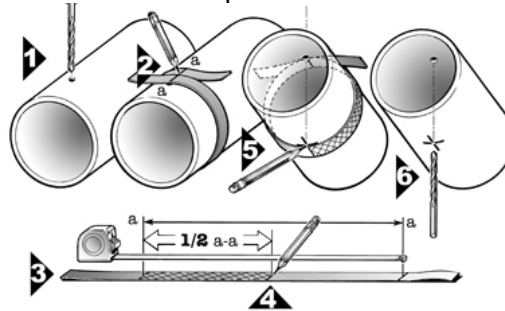
#### Clamp-On Saddle Installation Instructions

1. Using a standard industrial grade hole-saw, cut specified hole in desired position on pipe according to recommended hole saw size engraved on the saddle. Note: Care must be taken to deburr hole and remove all residue from hole area to assure tight fit and avoid leakage.
2. Fully seat O-ring in groove on underside of saddle outlet component. Position over hole and fully seat saddle onto pipe. Note: Certain saddle outlets are piloted. Be sure pilot lip fully engages with hole in pipe.
3. Place strap component opposite outlet and secure with bolts (4), nuts (4) and washers (8). Important: Washers MUST be placed under each bolt head (1) and under each nut (1) to avoid damage to saddle.
4. Tighten bolts to specified torque.



Saddle Size	2	3	4	6 & up
Recommended Bolt-Torque - ft/lb	8	8	8	10

#### For Double Outlet Saddle Installation — Determine second outlet hole position as shown.



### Spears® Hot-Tap Saddles Designed for Adding Branch Connections to Piping Systems Under Live (“Hot”) Pressure

Hot-Tap Saddle branch outlets are either 3/4" socket (with 1" Spigot O.D.) or 1-1/2" socket (with 2" Spigot O.D.) in saddle sizes 2" through 6" to fit IPS pipe using a built-in O-ring seal. Internal cutter is operated using conventional ratchet and drive extension and permanently retains coupon cut from pipe. Maximum operating pressure at 73°F (23°C) is 235 psi for saddle sizes 2" - 4", 200 psi for 6" saddles and 150 psi for 8" saddles. See packaged Installation Instructions for details.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### PVC White Clamp-On Saddle x Soc Single Outlet

with Buna-N O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

466-247	2X1/2	3/4	1	10	046	27.01
466-248	2X3/4	7/8	1	10	046	27.01
466-249	2X1	1-1/8	1	10	046	27.01
466-250	2X1-1/4	1-1/2	1	10	046	27.01
466-251	2X1-1/2	1-1/2	1	10	046	27.01
466-291	2-1/2X1-1/2	1-3/4	1	10	046	36.64
466-333 <sup>1</sup>	3X1/2	7/8	1	10	046	36.64
466-334	3X3/4	7/8	1	10	046	36.64
466-335	3X1	1-1/8	1	10	046	36.64
466-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	36.64
466-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	36.64
466-338	3X2	2-1/4	1	10	046	36.64



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### PVC White Clamp-On Saddle x Soc Single Outlet (continued)

with Buna-N O-ring Seal & Zinc-Plated Hardware

466-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	46.95
466-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	46.95
466-417	4X1	1-1/8	1	8	046	46.95
466-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	46.95
466-419	4X1-1/2	1-3/4	1	8	046	46.95
466-420	4X2	2-1/4	1	8	046	46.95
466-421 <sup>1</sup>	4X2-1/2	3	1	4	046	53.12
466-422	4X3	3	1	4	046	58.35
466-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	80.78
466-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	80.78
466-525	6X1	1-1/8	1	4	046	80.78
466-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	80.78
466-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	80.78
466-528	6X2	2-1/4	1	4	046	80.78



**Schedule 40 Fittings & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x Soc Single Outlet</b> (continued) with Buna-N O-ring Seal & Zinc-Plated Hardware						
466-529 <sup>1</sup>	6X2-1/2	3	1	4	046	88.81
466-530	6X3	3	1	4	046	92.53
466-532	6X4	4	1	4	046	97.41
466-573 <sup>1</sup>	8X1/2	4	1	0	046	125.59
466-574 <sup>1</sup>	8X3/4	4	1	0	046	125.59
466-575 <sup>1</sup>	8X1	4	1	0	046	125.59
466-576 <sup>1</sup>	8X1-1/4	4	1	0	046	125.59
466-577 <sup>1</sup>	8X1-1/2	4	1	0	046	125.59
466-578 <sup>1</sup>	8 X 2	4	1	0	046	125.59
466-579 <sup>1</sup>	8X2-1/2	4	1	0	046	138.09
466-580 <sup>1</sup>	8X3	4	1	0	046	146.43
466-582	8X4	4	1	0	046	155.07
466-585	8X6	6	1	0	046	172.22
466-620 <sup>1</sup>	10X1-1/2	4	1	0	046	204.93
466-624	10X4	4	1	0	046	204.93
466-626	10X6	6	1	0	046	235.64
466-660 <sup>1</sup>	12X1-1/2	4	1	0	046	256.89
466-664	12X4	4	1	0	046	256.89
466-666	12X6	6	1	0	046	297.90

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x Soc Single Outlet**

with Buna-N O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



466S-247	2X1/2	3/4	1	10	046	44.40
466S-248	2X3/4	7/8	1	10	046	44.40
466S-249	2X1	1-1/8	1	10	046	44.40
466S-250	2X1-1/4	1-1/2	1	10	046	44.40
466S-251	2X1-1/2	1-1/2	1	10	046	44.40
466S-291	2-1/2X1-1/2	1-3/4	1	10	046	59.74
466S-333 <sup>1</sup>	3X1/2	7/8	1	10	046	59.74
466S-334	3X3/4	7/8	1	10	046	59.74
466S-335	3X1	1-1/8	1	10	046	59.74
466S-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	59.74
466S-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	59.74
466S-338	3X2	2-1/4	1	10	046	59.74
466S-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	75.16
466S-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	75.16
466S-417	4X1	1-1/8	1	10	046	75.16
466S-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	75.16
466S-419	4X1-1/2	1-3/4	1	8	046	75.16
466S-420	4X2	2-1/4	1	8	046	75.16
466S-421 <sup>1</sup>	4X2-1/2	3	1	4	046	82.13
466S-422	4X3	3	1	4	046	85.43
466S-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	123.11
466S-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	123.11
466S-525	6X1	1-1/8	1	4	046	123.11
466S-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	123.11
466S-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	123.11
466S-528	6X2	2-1/4	1	4	046	123.11
466S-529 <sup>1</sup>	6X2-1/2	3	1	4	046	127.16
466S-530	6X3	3	1	4	046	129.78
466S-532	6X4	4	1	4	046	135.56
466S-573 <sup>1</sup>	8X1/2	4	1	0	046	179.74
466S-574 <sup>1</sup>	8X3/4	4	1	0	046	179.74
466S-575 <sup>1</sup>	8X1	4	1	0	046	179.74
466S-576 <sup>1</sup>	8X1-1/4	4	1	0	046	179.74
466S-577 <sup>1</sup>	8X1-1/2	4	1	0	046	179.74
466S-578 <sup>1</sup>	8 X 2	4	1	0	046	179.74
466S-579 <sup>1</sup>	8X2-1/2	4	1	0	046	197.72
466S-580 <sup>1</sup>	8X3	4	1	0	046	207.63
466S-582	8X4	4	1	0	046	220.14
466S-585	8X6	6	1	0	046	244.31

Made in the U.S.A.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x Soc Single Outlet</b> (continued) with Buna-N O-ring Seal & SS Hardware						
466S-620 <sup>1</sup>	10X1-1/2	4	1	0	046	290.72
466S-624	10X4	4	1	0	046	290.72
466S-626	10X6	6	1	0	046	334.34
466S-664	12X4	4	1	0	046	364.41
466S-666	12X6	6	1	0	046	422.74

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x Soc Single Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



466E-247	2X1/2	3/4	1	10	046	29.10
466E-248	2X3/4	7/8	1	10	046	29.10
466E-249	2X1	1-1/8	1	10	046	29.10
466E-250	2X1-1/4	1-1/2	1	10	046	29.10
466E-251	2X1-1/2	1-1/2	1	10	046	29.10
466E-291	2-1/2X1-1/2	1-3/4	1	10	046	37.60
466E-333 <sup>1</sup>	3X1/2	7/8	1	10	046	37.60
466E-334	3X3/4	7/8	1	10	046	37.60
466E-335	3X1	1-1/8	1	10	046	37.60
466E-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	37.60
466E-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	37.60
466E-338	3X2	2-1/4	1	10	046	37.60
466E-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	48.15
466E-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	48.15
466E-417	4X1	1-1/8	1	8	046	48.15
466E-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	48.15
466E-419	4X1-1/2	1-3/4	1	8	046	48.15
466E-420	4X2	2-1/4	1	8	046	48.15
466E-421 <sup>1</sup>	4X2-1/2	3	1	4	046	58.59
466E-422	4X3	3	1	4	046	65.54
466E-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	86.38
466E-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	86.38
466E-525	6X1	1-1/8	1	4	046	86.38
466E-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	86.38
466E-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	86.38
466E-528	6X2	2-1/4	1	4	046	86.38
466E-529 <sup>1</sup>	6X2-1/2	3	1	4	046	96.06
466E-530	6X3	3	1	4	046	101.48
466E-532	6X4	4	1	4	046	106.93
466E-573	8X1/2	4	1	0	046	132.78
466E-574	8X3/4	4	1	0	046	132.78
466E-575	8X1	4	1	0	046	132.78
466E-576 <sup>1</sup>	8X1-1/4	4	1	0	046	132.78
466E-577 <sup>1</sup>	8X1-1/2	4	1	0	046	132.78
466E-578 <sup>1</sup>	8 X 2	4	1	0	046	132.78
466E-579	8X2-1/2	4	1	0	046	146.10
466E-580 <sup>1</sup>	8X3	4	1	0	046	153.29
466E-582	8X4	4	1	0	046	162.61
466E-585	8X6	6	1	0	046	180.43
466E-624	10X4	4	1	0	046	214.72
466E-626	10X6	6	1	0	046	246.94
466E-664	12X4	4	1	0	046	269.14
466E-666	12X6	6	1	0	046	318.01

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x Soc Single Outlet**

with EPDM O-ring & Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



466SE-247	2X1/2	3/4	1	10	046	45.80
466SE-248	2X3/4	7/8	1	10	046	45.80
466SE-249	2X1	1-1/8	1	10	046	45.80
466SE-250	2X1-1/4	1-1/2	1	10	046	45.80



**Schedule 40 Fittings & Accessories  
Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x Soc Single Outlet</b>						
<b>(continued)</b>						
<b>with EPDM O-ring &amp; Seal &amp; SS Hardware</b>						
466SE-251	2X1-1/2	1-1/2	1	10	046	45.80
466SE-291	2-1/2X1-1/2	1-3/4	1	10	046	61.60
466SE-333 <sup>1</sup>	3X1/2	7/8	1	10	046	61.60
466SE-334	3X3/4	7/8	1	10	046	61.60
466SE-335	3X1	1-1/8	1	10	046	61.60
466SE-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	61.60
466SE-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	61.60
466SE-338	3X2	2-1/4	1	10	046	61.60
466SE-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	76.05
466SE-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	76.05
466SE-417	4X1	1-1/8	1	8	046	76.05
466SE-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	76.05
466SE-419	4X1-1/2	1-3/4	1	8	046	76.05
466SE-420	4X2	2-1/4	1	8	046	76.05
466SE-421 <sup>1</sup>	4X2-1/2	3	1	4	046	82.23
466SE-422	4X3	3	1	4	046	91.10
466SE-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	129.39
466SE-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	129.39
466SE-525	6X1	1-1/8	1	4	046	129.39
466SE-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	129.39
466SE-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	129.39
466SE-528	6X2	2-1/4	1	4	046	129.39
466SE-529 <sup>1</sup>	6X2-1/2	3	1	4	046	135.91
466SE-530	6X3	3	1	4	046	140.18
466SE-532	6X4	4	1	4	046	147.02
466SE-573	8X1/2	4	1	0	046	187.95
466SE-574 <sup>1</sup>	8X3/4	4	1	0	046	187.95
466SE-575 <sup>1</sup>	8X1	4	1	0	046	187.95
466SE-576	8X1-1/4	4	1	0	046	187.95
466SE-577 <sup>1</sup>	8X1-1/2	4	1	0	046	187.95
466SE-578 <sup>1</sup>	8X2	4	1	0	046	187.95
466SE-579 <sup>1</sup>	8X2-1/2	4	1	0	046	206.73
466SE-580 <sup>1</sup>	8X3	4	1	0	046	217.03
466SE-582	8X4	4	1	0	046	230.00
466SE-585	8X6	6	1	0	046	255.34
466SE-624	10X4	4	1	0	046	303.79
466SE-626	10X6	6	1	0	046	349.37
466SE-664	12X4	4	1	0	046	380.76
466SE-666	12X6	4	1	0	046	441.71

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x SR Thread Single Outlet**

**with Buna-N O-ring Seal & Zinc-Plated Hardware**

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



467-247SR	2X1/2	3/4	1	10	046	30.18
467-248SR	2X3/4	7/8	1	10	046	30.18
467-249SR	2X1	1-1/8	1	10	046	30.18
467-250SR	2X1-1/4	1-1/2	1	10	046	30.18
467-251SR	2X1-1/2	1-1/2	1	10	046	30.18
467-291SR	2-1/2X1-1/2	1-3/4	1	10	046	41.28
467-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	41.28
467-334SR	3X3/4	7/8	1	10	046	41.28
467-335SR	3X1	1-1/8	1	10	046	41.28
467-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	41.28
467-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	41.28
467-338SR	3X2	2-1/4	1	10	046	41.28
467-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	51.97
467-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	51.97
467-417SR	4X1	1-1/8	1	8	046	51.97
467-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	51.97
467-419SR	4X1-1/2	1-3/4	1	8	046	51.97
467-420SR	4X2	2-1/4	1	8	046	51.97
467-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	56.22

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Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x SR Thread Single Outlet</b>						
<b>(continued)</b>						
<b>with Buna-N O-ring Seal &amp; Zinc-Plated Hardware</b>						
467-422SR	4X3	3	1	4	046	61.30
467-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	90.76
467-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	90.76
467-525SR	6X1	1-1/8	1	4	046	90.76
467-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	90.76
467-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	90.76
467-528SR	6X2	2-1/4	1	4	046	90.76
467-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	107.10
467-530SR	6X3	3	1	4	046	113.95
467-532SR	6X4	4	1	4	046	118.63
467-573SR <sup>1</sup>	8X1/2	4	1	0	046	138.33
467-574SR <sup>1</sup>	8X3/4	4	1	0	046	138.33
467-575SR <sup>1</sup>	8X1	4	1	0	046	138.33
467-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	138.33
467-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	138.33
467-578SR <sup>1</sup>	8X2	4	1	0	046	138.33
467-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	152.13
467-580SR <sup>1</sup>	8X3	4	1	0	046	159.82
467-582SR	8X4	4	1	0	046	169.38
467-585SR	8X6	6	1	0	046	186.31
467-624SR	10X4	4	1	0	046	221.78
467-626SR	10X6	6	1	0	046	254.91
467-664SR	12X4	4	1	0	046	277.81
467-666SR	12X6	6	1	0	046	322.24

<sup>1</sup> Outlet-sized with Bushing

**PVC White Clamp-On Saddle x SR Thread Single Outlet**

**with Buna-N O-ring Seal & SS Hardware**

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



467S-247SR	2X1/2	3/4	1	10	046	49.36
467S-248SR	2X3/4	7/8	1	10	046	49.36
467S-249SR	2X1	1-1/8	1	10	046	49.36
467S-250SR	2X1-1/4	1-1/2	1	10	046	49.36
467S-251SR	2X1-1/2	1-1/2	1	10	046	49.36
467S-291SR	2-1/2X1-1/2	1-3/4	1	10	046	66.38
467S-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	66.38
467S-334SR	3X3/4	7/8	1	10	046	66.38
467S-335SR	3X1	1-1/8	1	10	046	66.38
467S-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	66.38
467S-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	66.38
467S-338SR	3X2	2-1/4	1	10	046	66.38
467S-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	83.51
467S-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	83.51
467S-417SR	4X1	1-1/8	1	8	046	83.51
467S-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	83.51
467S-419SR	4X1-1/2	1-3/4	1	8	046	83.51
467S-420SR	4X2	2-1/4	1	8	046	83.51
467S-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	88.81
467S-422SR	4X3	3	1	4	046	93.79
467S-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	139.17
467S-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	139.17
467S-525SR	6X1	1-1/8	1	4	046	139.17
467S-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	139.17
467S-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	139.17
467S-528SR	6X2	2-1/4	1	4	046	139.17
467S-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	149.77
467S-530SR	6X3	3	1	4	046	154.15
467S-532SR	6X4	4	1	4	046	160.12
467S-573SR <sup>1</sup>	8X1/2	4	1	0	046	200.43
467S-574SR <sup>1</sup>	8X3/4	4	1	0	046	200.43
467S-575SR <sup>1</sup>	8X1	4	1	0	046	200.43
467S-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	200.43
467S-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	200.43

**Schedule 40 Fittings & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x SR Thread Single Outlet</b> (continued) with Buna-N O-ring Seal & SS Hardware						
467S-578SR <sup>1</sup>	8X2	4	1	0	046	200.43
467S-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	217.67
467S-580SR <sup>1</sup>	8X3	4	1	0	046	228.53
467S-582SR	8X4	4	1	0	046	242.27
467S-585SR	8X6	6	1	0	046	266.36
467S-624SR	10X4	4	1	0	046	317.03
467S-626SR	10X6	6	1	0	046	364.57
467S-664SR	12X4	4	1	0	046	397.41
467S-666SR	12X6	6	1	0	046	460.83

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x SR Thread Single Outlet**  
with EPDM O-ring Seal & Zinc-Plated Hardware



2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

467E-247SR	2X1/2	3/4	1	10	046	32.48
467E-248SR	2X3/4	7/8	1	10	046	32.48
467E-249SR	2X1	1-1/8	1	10	046	32.48
467E-250SR	2X1-1/4	1-1/2	1	10	046	32.48
467E-251SR	2X1-1/2	1-1/2	1	10	046	32.48
467E-291SR	2-1/2X1-1/2	1-3/4	1	10	046	45.29
467E-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	45.29
467E-334SR	3X3/4	7/8	1	10	046	45.29
467E-335SR	3X1	1-1/8	1	10	046	45.29
467E-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	45.29
467E-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	45.29
467E-338SR	3X2	2-1/4	1	10	046	45.29
467E-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	56.62
467E-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	56.62
467E-417SR	4X1	1-1/8	1	8	046	56.62
467E-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	56.62
467E-419SR	4X1-1/2	1-3/4	1	8	046	56.62
467E-420SR	4X2	2-1/4	1	8	046	56.62
467E-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	60.68
467E-422SR	4X3	3	1	4	046	65.05
467E-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	94.48
467E-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	94.48
467E-525SR	6X1	1-1/8	1	4	046	94.48
467E-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	94.48
467E-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	94.48
467E-528SR	6X2	2-1/4	1	4	046	94.48
467E-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	117.03
467E-530SR	6X3	3	1	4	046	123.12
467E-532SR	6X4	4	1	4	046	129.32
467E-573SR <sup>1</sup>	8X1/2	4	1	0	046	143.14
467E-574SR <sup>1</sup>	8X3/4	4	1	0	046	143.14
467E-575SR <sup>1</sup>	8X1	4	1	0	046	143.14
467E-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	143.14
467E-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	143.14
467E-578SR <sup>1</sup>	8X2	4	1	0	046	143.14
467E-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	157.45
467E-580SR <sup>1</sup>	8X3	4	1	0	046	165.37
467E-582SR	8X4	4	1	0	046	175.28
467E-585SR	8X6	6	1	0	046	194.46
467E-624SR	10X4	4	1	0	046	231.39
467E-626SR	10X6	6	1	0	046	266.05
467E-664SR	12X4	4	1	0	046	290.06
467E-666SR	12X6	6	1	0	046	336.48

<sup>1</sup>Outlet-sized with Bushing

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x SR Thread Single Outlet</b> with EPDM O-ring Seal & SS Hardware						
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)						
467SE-247SR	2X1/2	3/4	1	10	046	50.84
467SE-248SR	2X3/4	7/8	1	10	046	50.84
467SE-249SR	2X1	1-1/8	1	10	046	50.84
467SE-250SR	2X1-1/4	1-1/2	1	10	046	50.84
467SE-251SR	2X1-1/2	1-1/2	1	10	046	50.84
467SE-291SR	2-1/2X1-1/2	1-3/4	1	10	046	68.23
467SE-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	68.23
467SE-334SR	3X3/4	7/8	1	10	046	68.23
467SE-335SR	3X1	1-1/8	1	10	046	68.23
467SE-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	68.23
467SE-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	68.23
467SE-338SR	3X2	2-1/4	1	10	046	68.23
467SE-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	85.61
467SE-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	85.61
467SE-417SR	4X1	1-1/8	1	8	046	85.61
467SE-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	85.61
467SE-419SR	4X1-1/2	1-3/4	1	8	046	85.61
467SE-420SR	4X2	2-1/4	1	8	046	85.61
467SE-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	89.26
467SE-422SR	4X3	3	1	4	046	94.22
467SE-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	143.86
467SE-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	143.86
467SE-525SR	6X1	1-1/8	1	4	046	143.86
467SE-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	143.86
467SE-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	143.86
467SE-528SR	6X2	2-1/4	1	4	046	143.86
467SE-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	156.15
467SE-530SR	6X3	3	1	4	046	161.98
467SE-532SR	6X4	4	1	4	046	164.90
467SE-573SR <sup>1</sup>	8X1/2	4	1	0	046	206.39
467SE-574SR <sup>1</sup>	8X3/4	4	1	0	046	206.39
467SE-575SR <sup>1</sup>	8X1	4	1	0	046	206.39
467SE-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	206.39
467SE-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	206.39
467SE-578SR <sup>1</sup>	8X2	4	1	0	046	206.39
467SE-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	227.14
467SE-580SR <sup>1</sup>	8X3	4	1	0	046	238.43
467SE-582SR	8X4	4	1	0	046	252.81
467SE-585SR	8X6	6	1	0	046	278.05
467SE-624SR	10X4	4	1	0	046	330.76
467SE-626SR	10X6	6	1	0	046	380.61
467SE-666SR	12X6	6	1	0	046	481.10

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x Soc Double Outlet**  
with Buna-N O-ring Seal & Zinc-Plated Hardware



2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

468-247	2X1/2	3/4	1	10	046	32.62
468-248	2X3/4	7/8	1	10	046	32.62
468-249	2X1	1-1/8	1	10	046	32.62
468-250	2X1-1/4	1-1/2	1	10	046	32.62
468-251	2X1-1/2	1-1/2	1	10	046	32.62
468-291	2-1/2X1-1/2	1-3/4	1	10	046	43.55
468-333 <sup>1</sup>	3X1/2	7/8	1	10	046	43.55
468-334	3X3/4	7/8	1	10	046	43.55
468-335	3X1	1-1/8	1	10	046	43.55
468-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	43.55
468-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	43.55
468-338	3X2	2-1/4	1	10	046	43.55
468-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	55.18
468-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	55.18

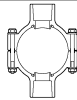


**Schedule 40 Fittings & Accessories  
Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x Soc Double Outlet</b> (continued) with Buna-N O-ring Seal & Zinc-Plated Hardware						
468-417	4X1	1-1/8	1	8	046	55.18
468-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	55.18
468-419	4X1-1/2	1-3/4	1	8	046	55.18
468-420	4X2	2-1/4	1	8	046	55.18
468-421 <sup>1</sup>	4X2-1/2	3	1	4	046	57.76
468-422	4X3	3	1	4	046	65.21
468-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	90.86
468-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	90.86
468-525	6X1	1-1/8	1	4	046	90.86
468-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	90.86
468-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	90.86
468-528	6X2	2-1/4	1	4	046	90.86
468-529 <sup>1</sup>	6X2-1/2	3	1	4	046	103.41
468-530	6X3	3	1	4	046	108.11
468-532	6X4	4	1	4	046	116.21
468-573 <sup>1</sup>	8X1/2	4	1	0	046	130.41
468-574 <sup>1</sup>	8X3/4	4	1	0	046	130.41
468-575 <sup>1</sup>	8X1	4	1	0	046	130.41
468-576 <sup>1</sup>	8X1-1/4	4	1	0	046	130.41
468-577 <sup>1</sup>	8X1-1/2	4	1	0	046	130.41
468-578 <sup>1</sup>	8X2	4	1	0	046	130.41
468-579 <sup>1</sup>	8X2-1/2	4	1	0	046	143.39
468-580 <sup>1</sup>	8X3	4	1	0	046	150.60
468-582	8X4	4	1	0	046	159.67
468-585	8X6	6	1	0	046	177.14
468-624	10X4	4	1	0	046	210.80
468-626	10X6	6	1	0	046	242.34
468-664	12X4	4	1	0	046	264.24
468-666	12X6	6	1	0	046	306.56

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x Soc Double Outlet**



with Buna-N O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

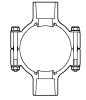
468S-247	2X1/2	3/4	1	10	046	52.35
468S-248	2X3/4	7/8	1	10	046	52.35
468S-249	2X1	1-1/8	1	10	046	52.35
468S-250	2X1-1/4	1-1/2	1	10	046	52.35
468S-251	2X1-1/2	1-1/2	1	10	046	52.35
468S-291	2-1/2X1-1/2	1-3/4	1	10	046	69.89
468S-333 <sup>1</sup>	3X1/2	7/8	1	10	046	69.89
468S-334	3X3/4	7/8	1	10	046	69.89
468S-335	3X1	1-1/8	1	10	046	69.89
468S-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	69.89
468S-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	69.89
468S-338	3X2	2-1/4	1	10	046	69.89
468S-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	87.23
468S-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	87.23
468S-417	4X1	1-1/8	1	8	046	87.23
468S-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	87.23
468S-419	4X1-1/2	1-3/4	1	8	046	87.23
468S-420	4X2	2-1/4	1	8	046	87.23
468S-421 <sup>1</sup>	4X2-1/2	3	1	4	046	91.67
468S-422	4X3	3	1	4	046	100.59
468S-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	144.09
468S-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	144.09
468S-525	6X1	1-1/8	1	4	046	144.09
468S-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	144.09
468S-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	144.09
468S-528	6X2	2-1/4	1	4	046	144.09
468S-529 <sup>1</sup>	6X2-1/2	3	1	4	046	150.55
468S-530	6X3	3	1	4	046	153.14
468S-532	6X4	4	1	4	046	158.11

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Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x Soc Double Outlet</b> (continued) with Buna-N O-ring Seal & SS Hardware						
468S-573 <sup>1</sup>	8X1/2	4	1	0	046	193.82
468S-574 <sup>1</sup>	8X3/4	4	1	0	046	193.82
468S-575 <sup>1</sup>	8X1	4	1	0	046	193.82
468S-576 <sup>1</sup>	8X1-1/4	4	1	0	046	193.82
468S-577 <sup>1</sup>	8X1-1/2	4	1	0	046	193.82
468S-578 <sup>1</sup>	8X2	4	1	0	046	193.82
468S-579 <sup>1</sup>	8X2-1/2	4	1	0	046	213.17
468S-580 <sup>1</sup>	8X3	4	1	0	046	223.96
468S-582	8X4	4	1	0	046	237.28
468S-585	8X6	6	1	0	046	260.97
468S-624	10X4	4	1	0	046	310.48
468S-626	10X6	6	1	0	046	357.14
468S-664	12X4	4	1	0	046	389.27
468S-666	12X6	6	1	0	046	451.53

<sup>1</sup>Outlet-sized with Bushing.

**PVC White Clamp-On Saddle x Soc Double Outlet**



with EPDM O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

468E-247	2X1/2	3/4	1	10	046	34.30
468E-248	2X3/4	7/8	1	10	046	34.30
468E-249	2X1	1-1/8	1	10	046	34.30
468E-250	2X1-1/4	1-1/2	1	10	046	34.30
468E-251	2X1-1/2	1-1/2	1	10	046	34.30
468E-291	2-1/2X1-1/2	1-3/4	1	10	046	47.38
468E-333 <sup>1</sup>	3X1/2	7/8	1	10	046	47.38
468E-334	3X3/4	7/8	1	10	046	47.38
468E-335	3X1	1-1/8	1	10	046	47.38
468E-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	47.38
468E-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	47.38
468E-338	3X2	2-1/4	1	10	046	47.38
468E-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	57.61
468E-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	57.61
468E-417	4X1	1-1/8	1	8	046	57.61
468E-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	57.61
468E-419	4X1-1/2	1-3/4	1	8	046	57.61
468E-420	4X2	2-1/4	1	8	046	57.61
468E-421 <sup>1</sup>	4X2-1/2	3	1	4	046	61.78
468E-422	4X3	3	1	4	046	68.85
468E-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	96.71
468E-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	96.71
468E-525	6X1	1-1/8	1	4	046	96.71
468E-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	96.71
468E-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	96.71
468E-528	6X2	2-1/4	1	4	046	96.71
468E-529 <sup>1</sup>	6X2-1/2	3	1	4	046	108.16
468E-530	6X3	3	1	4	046	116.36
468E-532	6X4	4	1	4	046	122.60
468E-573 <sup>1</sup>	8X1/2	4	1	0	046	145.91
468E-574 <sup>1</sup>	8X3/4	4	1	0	046	145.91
468E-575 <sup>1</sup>	8X1	4	1	0	046	145.91
468E-576 <sup>1</sup>	8X1-1/4	4	1	0	046	145.91
468E-577 <sup>1</sup>	8X1-1/2	4	1	0	046	145.91
468E-578 <sup>1</sup>	8X2	4	1	0	046	145.91
468E-579 <sup>1</sup>	8X2-1/2	4	1	0	046	160.57
468E-580 <sup>1</sup>	8X3	4	1	0	046	168.65
468E-582	8X4	4	1	0	046	178.79
468E-585	8X6	6	1	0	046	196.60
468E-624	10X4	4	1	0	046	234.01
468E-626	10X6	6	1	0	046	268.99
468E-664	12X4	4	1	0	046	293.33
468E-666	12X6	6	1	0	046	340.15

<sup>1</sup>Outlet-sized with Bushing

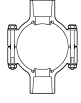


**Schedule 40 Fittings & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White Clamp-On Saddle x Soc Double Outlet**



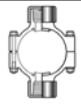
with EPDM O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

468SE-247	2X1/2	3/4	1	10	046	55.98
468SE-248	2X3/4	7/8	1	10	046	55.98
468SE-249	2X1	1-1/8	1	10	046	55.98
468SE-250	2X1-1/4	1-1/2	1	10	046	55.98
468SE-251	2X1-1/2	1-1/2	1	10	046	55.98
468SE-291	2-1/2X1-1/2	1-3/4	1	10	046	74.03
468SE-333 <sup>1</sup>	3X1/2	7/8	1	10	046	74.03
468SE-334	3X3/4	7/8	1	10	046	74.03
468SE-335	3X1	1-1/8	1	10	046	74.03
468SE-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	74.03
468SE-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	74.03
468SE-338	3X2	2-1/4	1	10	046	74.03
468SE-415 <sup>1</sup>	4X1/2	1-1/8	1	10	046	92.41
468SE-416 <sup>1</sup>	4X3/4	1-1/8	1	10	046	92.41
468SE-417	4X1	1-1/8	1	8	046	92.41
468SE-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	92.41
468SE-419	4X1-1/2	1-3/4	1	8	046	92.41
468SE-420	4X2	2-1/4	1	8	046	92.41
468SE-421 <sup>1</sup>	4X2-1/2	3	1	4	046	100.87
468SE-422	4X3	3	4	0	046	107.52
468SE-523 <sup>1</sup>	6X1/2	1-1/8	1	4	046	154.04
468SE-524 <sup>1</sup>	6X3/4	1-1/8	1	4	046	154.04
468SE-525	6X1	1-1/8	1	4	046	154.04
468SE-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	154.04
468SE-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	154.04
468SE-528	6X2	2-1/4	1	4	046	154.04
468SE-529 <sup>1</sup>	6X2-1/2	3	1	4	046	158.20
468SE-530	6X3	3	1	4	046	163.69
468SE-532	6X4	4	1	4	046	173.13
468SE-573 <sup>1</sup>	8X1/2	4	1	0	046	219.46
468SE-574 <sup>1</sup>	8X3/4	4	1	0	046	219.46
468SE-575 <sup>1</sup>	8X1	4	1	0	046	219.46
468SE-576 <sup>1</sup>	8X1-1/4	4	1	0	046	219.46
468SE-577 <sup>1</sup>	8X1-1/2	4	1	0	046	219.46
468SE-578 <sup>1</sup>	8X2	4	1	0	046	219.46
468SE-579 <sup>1</sup>	8X2-1/2	4	1	0	046	241.45
468SE-580 <sup>1</sup>	8X3	4	1	0	046	249.70
468SE-582	8X4	4	1	0	046	269.05
468SE-585	8X6	6	1	0	046	298.23
468SE-624	10X4	4	1	0	046	354.86
468SE-626	10X6	6	1	0	046	408.03
468SE-664	12X4	4	1	0	046	444.99
468SE-666	12X6	6	1	0	046	516.07

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x SR Thread Double Outlet**



with Buna-N O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

469-247SR	2X1/2	3/4	1	10	046	36.88
469-248SR	2X3/4	7/8	1	10	046	36.88
469-249SR	2X1	1-1/8	1	10	046	36.88
469-250SR	2X1-1/4	1-1/2	1	10	046	36.88
469-251SR	2X1-1/2	1-1/2	1	10	046	36.88
469-291SR	2-1/2X1-1/2	1-3/4	1	10	046	48.97
469-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	48.97
469-334SR	3X3/4	7/8	1	10	046	48.97
469-335SR	3X1	1-1/8	1	10	046	48.97
469-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	48.97
469-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	48.97
469-338SR	3X2	2-1/4	1	10	046	48.97
469-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	73.52

Made in the U.S.A.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White Clamp-On Saddle x SR Thread Double Outlet (continued)**

with Buna-N O-ring Seal & Zinc-Plated Hardware

469-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	73.52
469-417SR	4X1	1-1/8	1	8	046	73.52
469-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	73.52
469-419SR	4X1-1/2	1-3/4	1	8	046	73.52
469-420SR	4X2	2-1/4	1	8	046	73.52
469-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	78.98
469-422SR	4X3	3	1	4	046	188.43
469-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	119.85
469-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	119.85
469-525SR	6X1	1-1/8	1	4	046	119.85
469-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	119.85
469-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	119.85
469-528SR	6X2	2-1/4	1	4	046	119.85
469-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	143.74
469-530SR	6X3	3	1	4	046	150.90
469-532SR	6X4	4	1	4	046	158.01
469-573SR <sup>1</sup>	8X1/2	4	1	0	046	175.67
469-574SR <sup>1</sup>	8X3/4	4	1	0	046	175.67
469-575SR <sup>1</sup>	8X1	4	1	0	046	175.67
469-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	175.67
469-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	175.67
469-578SR <sup>1</sup>	8X2	4	1	0	046	175.67
469-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	194.46
469-580SR <sup>1</sup>	8X3	4	1	0	046	203.86
469-582SR	8X4	4	1	0	046	216.19
469-585SR	8X6	6	1	0	046	237.78
469-624SR	10X4	4	1	0	046	282.96
469-626SR	10X6	6	1	0	046	325.19
469-666SR	12X6	6	1	0	046	411.39

<sup>1</sup>Outlet-sized with Bushing

**PVC White Clamp-On Saddle x SR Thread Double Outlet**



with Buna-N O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

469S-247SR	2X1/2	3/4	1	10	046	58.19
469S-248SR	2X3/4	7/8	1	10	046	58.19
469S-249SR	2X1	1-1/8	1	10	046	58.19
469S-250SR	2X1-1/4	1-1/2	1	10	046	58.19
469S-251SR	2X1-1/2	1-1/2	1	10	046	58.19
469S-291SR	2-1/2X1-1/2	1-3/4	1	10	046	77.64
469S-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	77.64
469S-334SR	3X3/4	7/8	1	10	046	77.64
469S-335SR	3X1	1-1/8	1	10	046	77.64
469S-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	77.64
469S-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	77.64
469S-338SR	3X2	2-1/4	1	10	046	77.64
469S-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	98.66
469S-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	98.66
469S-417SR	4X1	1-1/8	1	8	046	98.66
469S-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	98.66
469S-419SR	4X1-1/2	1-3/4	1	8	046	98.66
469S-420SR	4X2	2-1/4	1	8	046	98.66
469S-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	104.07
469S-422SR	4X3	3	4	0	046	113.95
469S-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	162.09
469S-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	162.09
469S-525SR	6X1	1-1/8	1	4	046	162.09
469S-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	162.09
469S-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	162.09
469S-528SR	6X2	2-1/4	1	4	046	162.09
469S-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	169.67
469S-530SR	6X3	3	1	4	046	179.47
469S-532SR	6X4	4	1	4	046	187.41



## Schedule 40 Fittings & Accessories Clamp-On & Hot-Tap Saddles

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC White Clamp-On Saddle x SR Thread Double Outlet</b> (continued) with Buna-N O-ring Seal & SS Hardware						
469S-573SR <sup>1</sup>	8X1/2	4	1	0	046	229.85
469S-574SR <sup>1</sup>	8X3/4	4	1	0	046	229.85
469S-575SR <sup>1</sup>	8X1	4	1	0	046	229.85
469S-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	229.85
469S-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	229.85
469S-578SR <sup>1</sup>	8X2	4	1	0	046	229.85
469S-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	252.81
469S-580SR <sup>1</sup>	8X3	4	1	0	046	265.38
469S-582SR	8X4	4	1	0	046	281.07
469S-585SR	8X6	6	1	0	046	312.12
469S-624SR	10X4	4	1	0	046	371.45
469S-626SR	10X6	6	1	0	046	427.16
469S-664SR	12X4	4	1	0	046	465.57
469S-666SR	12X6	6	1	0	046	539.93

<sup>1</sup>Outlet-sized with Bushing

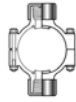
### PVC White Clamp-On Saddle x SR Thread Double Outlet

with EPDM O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

469E-247SR	2X1/2	3/4	1	10	046	40.54
469E-248SR	2X3/4	7/8	1	10	046	40.54
469E-249SR	2X1	1-1/8	1	10	046	40.54
469E-250SR	2X1-1/4	1-1/2	1	10	046	40.54
469E-251SR	2X1-1/2	1-1/2	1	10	046	40.54
469E-291SR	2-1/2X1-1/2	1-3/4	1	10	046	54.97
469E-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	54.97
469E-334SR	3X3/4	7/8	1	10	046	54.97
469E-335SR	3X1	1-1/8	1	10	046	54.97
469E-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	54.97
469E-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	54.97
469E-338SR	3X2	2-1/4	1	16	046	54.97
469E-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	85.68
469E-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	85.68
469E-417SR	4X1	1-1/8	1	8	046	85.68
469E-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	85.68
469E-419SR	4X1-1/2	1-3/4	1	8	046	85.68
469E-420SR	4X2	2-1/4	1	8	046	85.68
469E-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	87.38
469E-422SR	4X3	3	4	0	046	111.60
469E-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	131.38
469E-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	131.38
469E-525SR	6X1	1-1/8	1	4	046	131.38
469E-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	131.38
469E-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	131.38
469E-528SR	6X2	2-1/4	1	4	046	131.38
469E-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	147.04
469E-530SR	6X3	3	1	4	046	159.04
469E-532SR	6X4	4	1	4	046	169.12
469E-573SR <sup>1</sup>	8X1/2	4	1	0	046	190.37
469E-574SR <sup>1</sup>	8X3/4	4	1	0	046	190.37
469E-575SR <sup>1</sup>	8X1	4	1	0	046	190.37
469E-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	190.37
469E-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	190.37
469E-578SR	8X2	4	1	0	046	190.37
469E-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	209.50
469E-580SR <sup>1</sup>	8X3	4	1	0	046	219.97
469E-582SR	8X4	4	1	0	046	233.21
469E-585SR	8X6	6	1	0	046	258.84
469E-624SR	10X4	4	1	0	046	308.03
469E-626SR	10X6	6	1	0	046	354.12
469E-666SR	12X6	6	1	0	046	447.93

<sup>1</sup>Outlet-sized with Bushing



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC White Clamp-On Saddle x SR Thread Double Outlet

with EPDM O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

469SE-247SR	2X1/2	3/4	1	10	046	61.91
469SE-248SR	2X3/4	7/8	1	10	046	61.91
469SE-249SR	2X1	1-1/8	1	10	046	61.91
469SE-250SR	2X1-1/4	1-1/2	1	10	046	61.91
469SE-251SR	2X1-1/2	1-1/2	1	10	046	61.91
469SE-291SR	2-1/2X1-1/2	1-3/4	1	10	046	82.46
469SE-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	82.46
469SE-334SR	3X3/4	7/8	1	10	046	82.46
469SE-335SR	3X1	1-1/8	1	10	046	82.46
469SE-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	046	82.46
469SE-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	046	82.46
469SE-338SR	3X2	2-1/4	1	10	046	82.46
469SE-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	106.38
469SE-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	106.38
469SE-417SR	4X1	1-1/8	1	8	046	106.38
469SE-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	046	106.38
469SE-419SR	4X1-1/2	1-3/4	1	8	046	106.38
469SE-420SR	4X2	2-1/4	1	8	046	106.38
469SE-421SR <sup>1</sup>	4X2-1/2	3	1	4	046	110.35
469SE-422SR	4X3	3	4	0	046	120.76
469SE-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	166.24
469SE-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	166.24
469SE-525SR	6X1	1-1/8	1	4	046	166.24
469SE-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	046	166.24
469SE-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	046	166.24
469SE-528SR	6X2	2-1/4	1	4	046	166.24
469SE-529SR <sup>1</sup>	6X2-1/2	3	1	4	046	177.82
469SE-530SR	6X3	3	1	4	046	187.76
469SE-532SR	6X4	4	1	4	046	198.89
469SE-573SR <sup>1</sup>	8X1/2	4	1	0	046	235.16
469SE-574SR <sup>1</sup>	8X3/4	4	1	0	046	235.16
469SE-575SR <sup>1</sup>	8X1	4	1	0	046	235.16
469SE-576SR <sup>1</sup>	8X1-1/4	4	1	0	046	235.16
469SE-577SR <sup>1</sup>	8X1-1/2	4	1	0	046	235.16
469SE-578SR <sup>1</sup>	8X2	4	1	0	046	235.16
469SE-579SR <sup>1</sup>	8X2-1/2	4	1	0	046	258.69
469SE-580SR <sup>1</sup>	8X3	4	1	0	046	271.61
469SE-582SR	8X4	4	1	0	046	283.03
469SE-585SR	8X6	6	1	0	046	319.48
469SE-624SR	10X4	4	1	0	046	380.11
469SE-626SR	10X6	6	1	0	046	437.12
469SE-664SR	12X4	4	1	0	046	475.54
469SE-666SR	12X6	6	1	0	046	552.36

<sup>1</sup>Outlet-sized with Bushing



### PVC White Hot-Tap Saddle

EPDM Saddle x Soc (Spigot) Zinc Plated Bolts

2" - 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT2-248W	2X3/4 (1)	1	5	049	48.63
HT2-251W	2X1-1/2 (2)	1	5	049	100.47
HT2-288W	2-1/2X3/4 (1)	1	5	049	51.97
HT2-291W	2-1/2x1-1/2 (2)	1	5	049	103.82
HT2-334W	3X3/4 (1)	1	5	049	59.52
HT2-337W	3X1-1/2 (2)	1	5	049	114.43
HT2-416W	4X3/4 (1)	1	0	049	68.74
HT2-419W	4X1-1/2 (2)	1	0	049	120.99
HT2-524W	6X3/4 (1)	1	0	049	77.27
HT2-527W	6X1-1/2 (2)	1	0	049	128.82
HT2-574W	8X3/4 (1)	1	0	049	85.51
HT2-577W	8X1-1/2 (2)	1	0	049	137.35





**Schedule 40 Fittings & Accessories**  
**Clamp-On & Hot-Tap Saddles & Mechanical Clamp-On Transition Saddles**



**Clamp-On & Hot-Tap Saddles**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White Hot-Tap Saddles**  
**EPDM Saddle x Soc (Spigot) SS316 Bolts**



2" - 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT2S-248W	<b>2X3/4 (1)</b>	1	5	049	75.72
HT2S-251W	<b>2X1-1/2 (2)</b>	1	5	049	156.34
HT2S-288W	<b>2-1/2X3/4 (1)</b>	1	5	049	80.89
HT2S-291W	<b>2-1/2X1-1/2 (2)</b>	1	5	049	161.51
HT2S-334W	<b>3X3/4 (1)</b>	1	5	049	92.65
HT2S-337W	<b>3X1-1/2 (2)</b>	1	5	049	178.15

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White Hot-Tap Saddles (continued)**  
**EPDM Saddle x Soc (Spigot) SS316 Bolts**

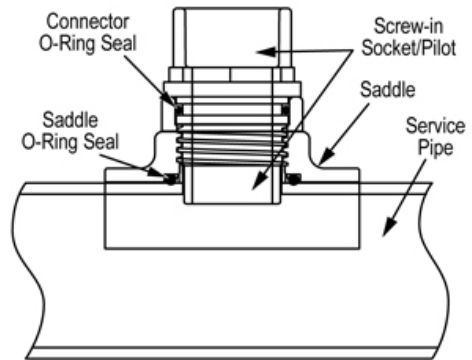
HT2S-416W	<b>4X3/4 (1)</b>	1	5	049	107.03
HT2S-419W	<b>4X1-1/2 (2)</b>	1	0	049	188.34
HT2S-524W	<b>6X3/4 (1)</b>	1	5	049	120.17
HT2S-527W	<b>6X1-1/2 (2)</b>	1	0	049	200.35
HT2S-574W	<b>8X3/4 (1)</b>	1	0	049	132.45
HT2S-577W	<b>8X1-1/2 (2)</b>	1	0	049	212.93

**Mechanical Clamp-On Transition Saddles**

Designed for Polypropylene-to-PVC pipe transition, but fully suitable for any IPS pipe (metal or plastic) transition to PVC. Excellent for irrigation extensions and lateral take-offs. Pilot on lateral connector prevents saddle movement on pipe. Easy Installation - Clamp saddle to pipe, drill hole, install screw-in pilot/socket lateral connector. Injection molded in distinct blue color.



- Socket Outlet
- 315 psi Pressure Rating @ 73° F
- SS316 Mechanical Clamp
- EPDM O-ring Seals
- Interchangeable 1-1/2" & 2" Lateral Connector Sizes
- Stainless Steel Reinforcing Rings for Extra Strength



Note: Mechanical Clamp Not Shown

**Mechanical Clamp-on Transition Saddles**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Pipe O.D. x Socket**

For Polypropylene (or any IPS pipe, metal or plastic) - To - PVC Transitions

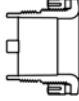
865-419	<b>4X1-1/2</b>	1	0	086	319.08
865-420	<b>4X2</b>	1	0	086	326.77
865-527	<b>6X1-1/2</b>	1	0	086	448.75
865-528	<b>6X2</b>	1	0	086	532.92
865-577	<b>8X1-1/2</b>	1	0	086	604.27
865-578	<b>8X2</b>	1	0	086	687.33



**Schedule 40 Fittings & Accessories  
Schedule 40 Tank Adapters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Schedule 40 Tank Adapters with EPDM Gasket  
Socket(Male Pipe Thread)**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

4170E-005	<b>1/2 Soc(1 MPT)</b>	25	0	029	29.50
4170E-007	<b>3/4 Soc(1-1/4 MPT)</b>	25	0	029	34.67
4170E-010	<b>1 Soc(1-1/2 MPT)</b>	25	0	029	40.16
4170E-012	<b>1-1/4 Soc(2 MPT)</b>	20	0	029	49.80
4170E-015	<b>1-1/2 Soc(2 MPT)</b>	30	0	029	55.75
4170E-020	<b>2 Soc(2-1/2 MPT)</b>	15	0	029	71.98
4170E-025	<b>2-1/2 Soc(3 MPT)</b>	4	0	029	119.80

Note: These tank adapters have both Socket and size larger Male Pipe Thread connection on external end. Adapter Nut has left hand thread to prevent loosening when installing threaded connection. End lugs allow holding body when tightening Adapter Nut.

**Schedule 40 Fittings & Accessories  
Pool & Spa Fittings**



All Pool & Spa Specialty Fittings have a maximum use service pressure of 150 psi @ 73° F (22° C). Standard pressure de-ratings must be applied for use at elevated temperatures with a maximum service temperature of 140° F (60° C).

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Short Socket Tees**  
Socket Style Sch 40



Special short-socket end allows close connection at pumps, filters and other areas with minimum available space.

S401-249	<b>2X2X1</b>	25	0	015	7.49
S401-251	<b>2x2x1-1/2</b>	25	0	015	7.49

**2" Spigot Tee**  
Spigot x Spigot x Spigot Sch 40



404A-020	<b>2</b>	30	0	015	7.81
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**Male Thread Tee (Branch)**  
Socket x Socket x Mipt



402B-010	<b>1</b>	50	0	040	3.29
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**2"x1-1/2" Reducing 90° Ell, Socket Style Sch 40**



**2"x2" 90° Street Ell, Socket x Spigot Sch 40**

Handy dual-purpose configuration is 2"x1-1/2" Socket Reducing 90° Ell and also a 2" Socket x 2" Spigot 90° Street Ell.

406-251N	<b>2X1-1/2</b>	10	0	015	9.40
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**1-1/2" 90° Spigot Elbow**  
Spigot x Spigot Sch 40



422-015	<b>1-1/2</b>	25	0	015	7.54
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**2-1/2"x2" Reducing 90° Ell, Socket Style Sch 40**



**2-1/2"x2-1/2" 90° Street Ell, Socket x Spigot Sch 40**

Handy dual-purpose configuration is 2-1/2" x 2" Socket Reducing 90° Ell and also a 2-1/2" Socket x 2-1/2" Spigot 90° Street Ell.

406-292N	<b>2-1/2X2 (2-1/2 Spigot)</b>	10	0	040	11.01
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**2" Short Spigot 45° Street Ell**  
Spigot x Socket Sch 40



Special short-spigot end allows close connection in extra-tight spaces.

S427-020	<b>2</b>	10	0	015	6.66
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**45° Street Ell**  
Spig x Soc



427-005	<b>1/2</b>	50	400	040	1.01
427-007	<b>3/4</b>	50	0	040	1.56
427-010	<b>1</b>	50	0	040	1.88
427-012	<b>1-1/4</b>	25	0	040	2.62
427-015	<b>1-1/2</b>	25	0	040	3.29
427-020	<b>2</b>	25	0	040	4.28
427-025	<b>2-1/2</b>	10	0	040	13.95
427-030	<b>3</b>	10	0	040	17.32
427-040	<b>4</b>	5	0	040	31.05
427-050	<b>5</b>	4	0	040	93.36
427-060	<b>6</b>	4	0	040	95.89
427-080	<b>8</b>	2	0	040	230.64
427-100	<b>10</b>	1	0	041	606.88

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**45° Street Ell (continued)**  
Spig x Soc

427-120	<b>12</b>	1	0	041	889.74
427-140F	<b>14</b>	1	0	047	663.09
427-160F	<b>16</b>	1	0	047	901.29
427-180F	<b>18</b>	1	0	047	983.84
427-200F	<b>20</b>	1	0	047	1248.79
427-240F	<b>24</b>	1	0	047	1967.09

**22-1/2" Street Ell**  
Spig x Soc



442-005	<b>1/2</b>	50	400	040	1.43
442-007	<b>3/4</b>	50	0	040	2.23
442-010	<b>1</b>	50	0	040	2.67
442-012	<b>1-1/4</b>	20	0	040	3.73
442-015	<b>1-1/2</b>	25	0	040	4.68
442-020	<b>2</b>	20	0	040	6.13
442-025F	<b>2-1/2</b>	1	18	047	34.70
442-030	<b>3</b>	5	0	040	35.80
442-040	<b>4</b>	4	0	040	55.24
442-060	<b>6</b>	4	0	040	136.38
442-060F	<b>6</b>	1	5	047	80.48
442-080	<b>8</b>	1	4	040	328.04
442-080F	<b>8</b>	1	4	047	121.22
442-100F	<b>10</b>	1	0	047	187.60
442-120F	<b>12</b>	1	0	047	281.59

**2" Sch 40 Grated Coupling**  
Socket Style Sch 40



Specially designed internal grate at pipe stop gives extra protection to pumps, filters and equipment from damaging gravel and debris.

429GR-020	<b>2</b>	25	0	015	4.11
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**1-1/2"x1"x1" 120° Wye**  
Spigot x Socket x Socket Sch 40



Unique spigot end take off with 120° branched wye pattern for special distribution connections.

475-21131T	<b>1-1/2X1X1</b>	25	0	015	10.56
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**2" 120° Wye**  
Socket



475-020120	<b>2</b>	10	0	015	12.41
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**Multi Configuration Venturied Tee - Socket Style Sch 40**



**1-1/2" Socket (2" Spigot) x 1-1/2" Socket x 3/4" Socket (1" Spigot)**

Special spa jet fitting with standard 7/16" nozzle plus optional 3/8" or 1/4".

473-210	<b>with 7/16" Nozzle</b>	25	0	015	7.43
473-210-3/8	<b>with 3/8" Nozzle</b>	25	0	015	7.43
473-210-1/4	<b>with 1/4" Nozzle</b>	25	0	015	7.43



**Schedule 40 Fittings & Accessories**  
**Pool & Spa Fittings & True Union 2000 Standard Ball Valve - PVC White**

**Pool & Spa Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Multi Configuration Venturied Tee - Socket Style Sch 40**



**1" Socket x 3/4" Socket (1" Spigot) x 3/4" Socket (1" Spigot)**

Special spa jet fitting with standard 7/16" nozzle plus optional 3/8" or 1/4".

473-825	with 7/16" Nozzle	50	0	015	6.07
473-825-3/8	with 3/8" Nozzle	50	0	015	6.07
473-825-1/4	with 1/4" Nozzle	50	0	015	6.07

**Multi Configuration Venturied Tee - Socket Style Sch 40**



**Individual Nozzles Only**

Special spa jet fitting with standard 7/16" nozzle plus optional 3/8" or 1/4".

473-1	<b>7/16" Nozzle</b>	100	600	015	1.96
473-2	<b>1/4" Nozzle</b>	100	600	015	1.96
473-3	<b>3/8" Nozzle</b>	100	600	015	1.96

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Smooth Barb Adapter**



**1/2" Smooth Barb x 3/4" Spigot**

Special adapter for making connections to 1/2" Vinyl Hose

432-007525	<b>3/4X1/2</b>	100	600	015	1.77
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**Nesting Union**



**2" Socket x 1-1/2" Socket (2" Spigot) Buna-N O-ring**

235 psi @ 73°F (23°C)

8057-251W	<b>2X1-1/2 (2)</b>	5	0	080	58.89
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**Nesting Union**



**2" Socket x 1-1/2" Socket (2" Spigot) EPDM O-ring**

235 psi @ 73°F (23°C)

8097-251W	<b>2X1-1/2 (2)</b>	5	0	080	69.30
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**True Union 2000 Standard Ball Valve - PVC White**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White True Union 2000 Standard Ball Valve**



**Socket Ends - EPDM O-rings**

Pressure Rating @73° F (23° C) = 235 psi

Maximum Service Pressure = 140° F (60° C)

Temperature/Pressure De-ratings Apply

3622-015W	<b>1-1/2</b>	1	8	608	88.68
3622-020W	<b>2</b>	1	8	608	117.02

Check with Spears® for additional size availability

**PVC White True Union 2000 Standard Ball Valves**



**SR Threaded Ends - EPDM O-rings**

Pressure Rating @73° F (23° C) = 235 psi

Maximum Service Pressure = 140° F (60° C)

Temperature/Pressure De-ratings Apply

3621-015WSR	<b>1-1/2</b>	1	8	608	94.98
3621-020WSR	<b>2</b>	1	8	608	123.83

Check with Spears® for additional size availability

**Schedule 40 Fittings & Accessories  
PVC Pool Butterfly Valves**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White Butterfly Valve Lever Handle EPDM  
Seats**



682311-015	<b>1-1/2</b>	1	0	260	155.50
682311-020	<b>2</b>	1	0	260	160.91
682311-025	<b>2-1/2</b>	1	0	260	166.32
682311-030	<b>3</b>	1	0	260	175.77
682311-040	<b>4</b>	1	0	260	196.05
682311-060	<b>6</b>	1	0	260	290.71
682311-080	<b>8</b>	1	0	260	513.81

**PVC White Butterfly Valve Gear Operated  
EPDM Seats**



682321-015	<b>1-1/2</b>	1	0	261	519.21
682321-020	<b>2</b>	1	0	261	566.54
682321-025	<b>2-1/2</b>	1	0	261	607.11
682321-030	<b>3</b>	1	0	261	612.52
682321-040	<b>4</b>	1	0	261	642.26
682321-060	<b>6</b>	1	0	261	688.23
682321-080	<b>8</b>	1	0	261	950.78
682321-100	<b>10</b>	1	0	261	1141.20
682321-120	<b>12</b>	1	0	261	1385.94

Pressure Rating @ 73°F (23°C), Water 1-1/2" - 12" 150 psi  
 Maximum Service Temperature PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply



## Schedule 40 Fittings & Accessories

### UVR Sch 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Tee

Soc x Soc x Soc



401-005UV	1/2	50	300	042	2.52
401-007UV	3/4	50	0	042	2.97
401-010UV	1	50	0	042	5.89
401-012UV	1-1/4	25	0	042	8.14
401-015UV	1-1/2	25	0	042	11.65
401-020UV	2	25	0	042	15.43
401-025UV	2-1/2	10	0	042	39.27
401-030UV	3	10	0	042	50.50
401-040UV	4	6	0	042	135.96

#### Tee

Soc x Soc x Fipt



402-005UV	1/2	50	300	042	2.80
402-007UV	3/4	50	0	042	3.19

#### Reducing Tee

Soc x Soc x Fipt



402-101UV	3/4X1/2	50	0	042	3.65
402-130UV	1X1/2	50	0	042	6.16
402-131UV	1X3/4	50	0	042	6.16
402-166UV	1-1/4X1/2	25	0	042	9.81
402-167UV	1-1/4X3/4	25	0	042	9.81
402-209UV	1-1/2X1/2	25	0	042	14.73
402-210UV	1-1/2X3/4	25	0	042	14.73
402-247UV	2X1/2	10	0	042	16.83
402-248UV	2X3/4	10	0	042	16.83

#### 90° Ell

Soc x Soc



406-005UV	1/2	50	400	042	2.01
406-007UV	3/4	50	300	042	2.52
406-010UV	1	50	0	042	4.20
406-012UV	1-1/4	25	0	042	6.03
406-015UV	1-1/2	25	0	042	9.10
406-020UV	2	25	0	042	12.61
406-025UV	2-1/2	10	0	042	29.43
406-030UV	3	10	0	042	46.28
406-040UV	4	8	0	042	119.13

#### 90° Ell

Soc x Fipt



407-005UV	1/2	50	400	042	2.64
407-007UV	3/4	50	300	042	2.97
407-101UV	3/4X1/2	50	300	042	3.88
407-131UV	1X3/4	50	0	042	5.32

#### 90° Street Ell

Mipt x Fipt



412-005UV	1/2	50	300	042	4.07
412-007UV	3/4	50	0	042	5.02

#### 45° Ell

Soc x Soc



417-005UV	1/2	50	400	042	2.80
417-007UV	3/4	50	300	042	3.65
417-010UV	1	50	0	042	4.38

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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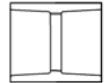
#### 45° Ell (continued)

Soc x Soc

417-012UV	1-1/4	25	0	042	7.09
417-015UV	1-1/2	25	0	042	8.56
417-020UV	2	25	0	042	12.21
417-025UV	2-1/2	10	0	042	33.65
417-030UV	3	10	0	042	51.85
417-040UV	4	5	0	042	117.73

#### Coupling

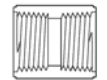
Soc x Soc



429-005UV	1/2	50	600	042	2.09
429-007UV	3/4	50	400	042	2.80
429-010UV	1	50	0	042	4.20
429-012UV	1-1/4	25	150	042	5.63
429-015UV	1-1/2	25	0	042	6.45
429-020UV	2	25	0	042	9.81
429-025UV	2-1/2	12	0	042	22.40
429-030UV	3	10	0	042	30.83
429-040UV	4	6	0	042	80.57

#### Coupling

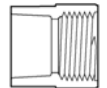
Fipt x Fipt



430-005UV	1/2	50	600	042	3.19
430-007UV	3/4	50	400	042	5.63

#### Female Adapter

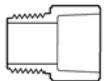
Soc x Fipt



435-005UV	1/2	50	600	042	2.52
435-007UV	3/4	50	400	042	3.17

#### Male Adapter

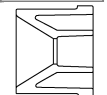
Mipt x Soc



436-074UV	1/2X3/4	50	200	042	5.47
436-005UV	1/2	50	300	042	1.90
436-007UV	3/4	50	400	042	2.22
436-010UV	1	50	300	042	2.80
436-012UV	1-1/4	25	0	042	3.93
436-015UV	1-1/2	25	0	042	4.77
436-020UV	2	25	0	042	7.70
436-025UV	2-1/2	10	0	042	19.62
436-030UV	3	10	0	042	25.20

#### Reducer Bushing

Spig x Soc Flush Style



437-101UV	3/4X1/2	50	300	042	2.22
437-130UV	1X1/2	50	200	042	3.19
437-131UV	1X3/4	50	300	042	3.19
437-167UV	1-1/4X3/4	25	300	042	4.63
437-168UV	1-1/4X1	25	300	042	4.63
437-210UV	1-1/2X3/4	25	200	042	5.48
437-211UV	1-1/2X1	25	200	042	5.48
437-212UV	1-1/2X1-1/4	25	200	042	5.48
437-249UV	2X1	10	80	042	6.74
437-250UV	2X1-1/4	10	120	042	6.74
437-251UV	2X1-1/2	25	0	042	6.74
437-288UV	2-1/2X3/4	10	0	042	12.61
437-289UV	2-1/2X1	10	0	042	12.61
437-290UV	2-1/2X1-1/4	10	0	042	12.61
437-292UV	2-1/2X2	10	0	042	12.61
437-335UV	3X1	10	0	042	16.12



**Schedule 40 Fittings & Accessories**  
**UVR Sch 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing (continued)**

**Spig x Soc Flush Style**

437-336UV	<b>3X1-1/4</b>	10	0	042	16.12
437-337UV	<b>3X1-1/2</b>	10	0	042	16.12
437-338UV	<b>3X2</b>	10	0	042	16.12
437-339UV	<b>3X2-1/2</b>	15	0	042	16.12
437-422UV	<b>4X3</b>	6	0	042	69.37

**Reducer Bushing**

**Spig x Fipt Flush Style**



438-130UV	<b>1X1/2</b>	50	200	042	3.19
438-131UV	<b>1X3/4</b>	50	200	042	3.19



**Schedule 80 Nipple**

882-060UV	<b>1/2X6</b>	25	300	042	2.49
882-080UV	<b>1/2X8</b>	25	0	042	3.17
882-100UV	<b>1/2X10</b>	25	0	042	3.85
882-120UV	<b>1/2X12</b>	25	0	042	4.85
883-060UV	<b>3/4X6</b>	25	200	042	3.40
883-080UV	<b>3/4X8</b>	25	0	042	3.85
883-100UV	<b>3/4X10</b>	25	0	042	4.61
883-120UV	<b>3/4X12</b>	25	0	042	5.51



**Schedule 40 Fittings & Accessories  
PVC Gray Sch 40 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee Soc**



401-005G	1/2	50	300	043	.86
401-007G	3/4	50	0	043	.97
401-010G	1	50	0	043	1.80
401-012G	1-1/4	25	0	043	2.84
401-015G	1-1/2	25	0	043	3.48
401-020G	2	25	0	043	5.00
401-025G	2-1/2	10	0	043	16.55
401-030G	3	10	0	043	21.71
401-040G	4	6	0	043	39.29
401-050G	5	5	0	043	94.96
401-060G	6	4	0	043	132.33
401-080G	8	2	0	043	306.93
401-100G	10	1	0	044	1016.96
401-120G	12	1	0	044	1502.60

**Tee Soc x Fipt**



402-005G	1/2	50	300	043	1.12
402-007G	3/4	50	0	043	1.72
402-010G	1	50	0	043	3.23
402-012G	1-1/4	25	0	043	5.13

**Tee Fipt**



405-005G	1/2	50	0	043	3.09
405-007G	3/4	50	0	043	4.85
405-010G	1	50	0	043	6.74
405-012G	1-1/4	25	0	043	9.32
405-015G	1-1/2	25	0	043	9.59
405-020G	2	10	0	043	12.70

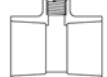
**Reducing Tee Soc**



401-101G	3/4X1/2	50	0	043	1.12
401-130G	1X1/2	50	0	043	1.90
401-131G	1X3/4	50	0	043	2.06
401-166G	1-1/4X1/2	25	0	043	3.10
401-167G	1-1/4X3/4	25	0	043	3.10
401-168G	1-1/4X1	25	0	043	3.10
401-209G	1-1/2X1/2	25	0	043	5.48
401-210G	1-1/2X3/4	25	0	043	5.48
401-211G	1-1/2X1	25	0	043	5.48
401-212G	1-1/2X1-1/4	25	0	043	5.48
401-247G	2X1/2	10	0	043	5.35
D401-247G	2X1/2	10	0	043	7.79
401-248G	2X3/4	10	0	043	5.35
401-249G	2X1	10	0	043	5.35
401-250G	2X1-1/4	10	0	043	5.35
401-251G	2X1-1/2	10	0	043	5.35
401-337G	3X1-1/2	10	0	043	23.64
401-338G	3X2	6	0	043	23.63
401-420G	4X2	10	0	043	39.29
401-422G	4X3	6	0	043	39.29
401-532G	6X4	2	0	043	132.33
401-585G	8X6	2	0	043	306.91

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee Soc x Fipt**



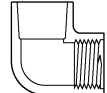
402-101G	3/4X1/2	50	0	043	1.46
402-130G	1X1/2	50	0	043	2.24
402-131G	1X3/4	50	0	043	3.23
402-166G	1-1/4X1/2	25	0	043	5.35
402-167G	1-1/4X3/4	25	0	043	5.35
402-168G	1-1/4X1	25	0	043	5.35
402-199G	1-1/2X1-1/4X1/2	25	0	043	6.64
402-209G	1-1/2X1/2	25	0	043	6.64
402-210G	1-1/2X3/4	25	0	043	6.64
402-211G	1-1/2X1-1/2X1	25	0	043	6.64
402-212G	1-1/2X1-1/4	25	0	043	6.64
402-247G	2X1/2	10	0	043	8.38
402-248G	2X3/4	10	0	043	8.38
402-249G	2X1	10	0	043	8.38
402-250G	2X1-1/4	10	0	043	8.38
402-251G	2X1-1/2	10	0	043	8.38

**90° EII Soc**



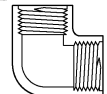
406-003G	3/8	50	600	043	3.40
406-005G	1/2	50	400	043	.68
406-007G	3/4	50	300	043	.76
406-010G	1	50	0	043	1.37
406-012G	1-1/4	25	0	043	2.41
406-015G	1-1/2	25	0	043	2.55
406-020G	2	25	0	043	4.11
406-025G	2-1/2	10	0	043	12.35
406-030G	3	10	0	043	14.80
406-040G	4	8	0	043	26.48
406-050G	5	4	0	043	68.45
406-060G	6	4	0	043	84.23
406-080G	8	2	0	043	216.91
406-100G	10	1	0	044	816.89
406-120G	12	1	0	044	1095.64

**90° EII Soc x Fipt**



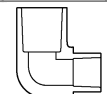
407-005G	1/2	50	400	043	.86
407-007G	3/4	50	300	043	.97
407-010G	1	50	0	043	1.80
407-012G	1-1/4	25	0	043	3.03
407-015G	1-1/2	25	0	043	3.36
407-020G	2	10	0	043	8.70

**90° EII Fipt**



408-005G	1/2	50	400	043	1.65
408-007G	3/4	50	0	043	2.45
408-010G	1	50	0	043	5.18
408-012G	1-1/4	25	0	043	5.55
408-015G	1-1/2	25	0	043	7.01
408-020G	2	10	0	043	10.65

**Reducing 90° EII Soc**



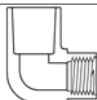
406-101G	3/4X1/2	50	0	043	1.37
406-130G	1X1/2	50	0	043	2.03

## Schedule 40 Fittings & Accessories PVC Gray Sch 40 Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Reducing 90° Ell Soc x Fipt



407-101G	3/4X1/2	50	300	043	1.02
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### 90° Street Ell Spig x Soc



409-005G	1/2	50	400	043	1.90
409-007G	3/4	50	0	043	2.35
409-010G	1	50	0	043	4.07
409-012G	1-1/4	25	0	043	4.85
409-015G	1-1/2	25	0	043	5.35

### 90° Street Ell Mipt x Soc



410-005G	1/2	50	400	043	1.46
410-007G	3/4	50	0	043	1.72

### 90° Street Ell Mipt x Fipt



412-005G	1/2	50	400	043	2.01
412-007G	3/4	50	0	043	2.45
412-010G	1	50	0	043	4.18
412-015G	1-1/2	25	0	043	5.63

### 45° Ell Soc



417-005G	1/2	50	400	043	1.13
417-007G	3/4	50	300	043	1.72
417-010G	1	50	0	043	2.06
417-012G	1-1/4	25	0	043	2.95
417-015G	1-1/2	25	0	043	3.66
417-020G	2	25	0	043	4.77
417-025G	2-1/2	10	0	043	12.36
417-030G	3	10	0	043	19.22
417-040G	4	5	0	043	34.53
417-050G	5	5	0	043	68.45
417-060G	6	8	0	043	85.24
417-080G	8	3	0	043	205.00

### 22-1/2° Ell Soc



416-060GF	6	1	5	045	87.64
416-120GF	12	1	2	045	281.56

### Wye Soc



100 psi maximum internal pressure rating @ 73°F (23°C)

475-100G	10	1	0	044	1355.91
475-120G	12	0	0	044	2003.47

### Plug Spig



449-005G	1/2	50	300	043	1.46
449-007G	3/4	50	300	043	1.72
449-010G	1	50	200	043	2.06
449-012G	1-1/4	25	150	043	2.80
449-015G	1-1/2	25	100	043	3.54

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Plug (continued) Spig

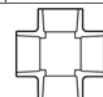
449-020G	2	10	120	043	4.41
449-030G	3	10	0	043	9.96

### Plug Mipt



450-003G	3/8	50	300	043	1.89
450-005G	1/2	50	400	043	1.83
450-007G	3/4	50	300	043	2.00
450-010G	1	50	400	043	3.23
450-012G	1-1/4	25	300	043	3.37
450-015G	1-1/2	25	100	043	3.65
450-020G	2	10	120	043	4.67
450-025G	2-1/2	10	0	043	6.49
450-030G	3	10	0	043	9.85
450-040G	4	6	0	043	22.22

### Cross Soc



420-005G	1/2	50	0	043	2.60
420-007G	3/4	50	0	043	4.29
420-010G	1	50	0	043	5.35
420-012G	1-1/4	25	0	043	7.09
420-015G	1-1/2	25	0	043	8.03
420-020G	2	10	0	043	11.86
420-025G	2-1/2	10	0	043	25.15
420-030G	3	5	0	043	30.83
420-040G	4	4	0	043	45.70

### Cap Soc



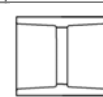
447-003G	3/8	50	300	043	1.72
447-005G	1/2	50	300	043	.64
447-007G	3/4	50	300	043	.72
447-010G	1	50	200	043	1.13
447-012G	1-1/4	25	100	043	1.59
447-015G	1-1/2	25	0	043	1.72
447-020G	2	10	80	043	2.09
447-025G	2-1/2	10	0	043	6.67
447-030G	3	10	0	043	7.27
447-040G	4	6	0	043	16.55
447-050G	5	5	0	043	27.78
447-060G	6	4	0	043	39.66
447-080G	8	3	0	043	99.61

### Cap Fipt



448-003G	3/8	50	300	043	2.35
448-005G	1/2	50	300	043	1.31
448-007G	3/4	50	300	043	1.47
448-010G	1	50	200	043	2.24
448-012G	1-1/4	25	100	043	2.67
448-015G	1-1/2	25	100	043	2.80
448-020G	2	10	120	043	4.95
448-030G	3	10	0	043	9.52
448-040G	4	6	0	043	16.67

### Coupling Soc



429-005G	1/2	50	600	043	.46
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## Schedule 40 Fittings & Accessories PVC Gray Sch 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Coupling (continued)

#### Soc

429-007G	3/4	50	400	043	.64
429-010G	1	50	0	043	1.09
429-012G	1-1/4	25	150	043	1.46
429-015G	1-1/2	25	0	043	1.59
429-020G	2	25	0	043	2.48
429-025G	2-1/2	12	0	043	5.35
429-030G	3	10	0	043	8.40
429-040G	4	6	0	043	12.14
429-050G	5	5	0	043	22.24
429-060G	6	5	0	043	38.45
429-080G	8	8	0	043	71.76

### Coupling

#### Fipt



430-005G	1/2	50	300	043	.87
430-007G	3/4	50	400	043	1.61
430-010G	1	50	0	043	2.06

### Reducer Coupling

#### Soc



429-101G	3/4X1/2	50	200	043	1.12
429-131G	1X3/4	50	0	043	1.90
429-168G	1-1/4X1	25	0	043	3.23
429-212G	1-1/2X1-1/4	25	0	043	3.40
429-251G	2X1-1/2	10	80	043	5.41
429-338G	3X2	8	0	043	27.64
429-422G	4X3	4	0	043	36.43

### Female Adapter

#### Soc x Fipt



435-005G	1/2	50	600	043	.76
435-007G	3/4	50	400	043	.97
435-010G	1	50	0	043	1.13
435-012G	1-1/4	25	0	043	1.72
435-015G	1-1/2	25	0	043	2.01
435-020G	2	10	80	043	2.69
435-025G	2-1/2	10	0	043	6.77
435-030G	3	5	0	043	9.09
435-040G	4	6	0	043	15.06
435-050G	5	5	0	043	38.97
435-060G	6	5	0	043	55.35

### Spigot Female Adapter

#### Spig x Fipt



478-005G	1/2	50	600	043	.87
478-007G	3/4	25	300	043	1.01
478-010G	1	50	0	043	1.62
478-012G	1-1/4	25	0	043	2.22
478-015G	1-1/2	20	0	043	2.77
478-020G	2	20	0	043	4.07
478-030G	3	10	0	043	13.80
478-040G	4	5	0	043	22.86

### Reducing Female Adapter

#### Soc x Fipt

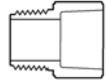


435-073G	1/2X3/8	50	600	043	1.37
435-101G	3/4X1/2	50	400	043	1.37
435-131G	1X3/4	50	0	043	1.80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Male Adapter

#### Mipt x Soc



436-005G	1/2	50	300	043	.60
436-007G	3/4	50	400	043	.68
436-010G	1	50	300	043	1.21
436-012G	1-1/4	25	200	043	1.46
436-015G	1-1/2	25	0	043	2.01
436-020G	2	25	0	043	2.60
436-025G	2-1/2	10	0	043	7.69
436-030G	3	10	0	043	11.28
436-040G	4	5	0	043	14.35
436-050G	5	5	0	043	23.66
436-060G	6	5	0	043	37.48

### Reducing Male Adapter

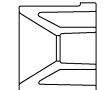
#### Mipt x Soc



436-074G	1/2X3/4	50	200	043	1.21
436-101G	3/4X1/2	50	300	043	1.12

### Reducer Bushing Flush Style

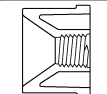
#### Spig x Soc



437-101G	3/4X1/2	50	300	043	.71
437-130G	1X1/2	50	200	043	1.31
437-131G	1X3/4	50	300	043	1.31
437-166G	1-1/4X1/2	25	300	043	1.72
437-167G	1-1/4X3/4	25	300	043	1.72
437-168G	1-1/4X1	25	300	043	1.72
437-209G	1-1/2X1/2	25	200	043	1.83
437-210G	1-1/2X3/4	25	200	043	1.83
437-211G	1-1/2X1	25	200	043	1.83
437-212G	1-1/2X1-1/4	25	200	043	1.83
437-247G	2X1/2	10	120	043	3.03
437-248G	2X3/4	10	120	043	3.03
437-249G	2X1	10	80	043	3.03
437-250G	2X1-1/4	10	120	043	3.03
437-251G	2X1-1/2	25	0	043	3.03
437-290G	2-1/2X1-1/4	10	0	043	4.86
437-291G	2-1/2X1-1/2	10	0	043	4.86
437-292G	2-1/2X2	10	80	043	4.86
437-334G	3X3/4	10	0	043	7.20
437-335G	3X1	10	0	043	7.20
437-336G	3X1-1/4	10	0	043	7.20
437-337G	3X1-1/2	10	0	043	7.20
437-338G	3X2	10	0	043	7.20
437-339G	3X2-1/2	10	0	043	7.20
437-420G	4X2	6	0	043	16.09
437-421G	4X2-1/2	6	0	043	16.09
437-422G	4X3	6	0	043	16.09
437-490G	5X4	5	0	043	22.60
437-532G	6X4	5	0	043	39.79
437-534G	6X5	5	0	043	39.84
437-582G	8X4	4	0	043	138.82
437-585G	8X6	4	0	043	138.82

### Reducer Bushing Flush Style

#### Spig x Fipt



438-072G	1/2X1/4	50	300	043	1.46
438-073G	1/2X3/8	50	300	043	1.46
438-098G	3/4X1/4	50	300	043	1.46
438-101G	3/4X1/2	50	300	043	1.12
438-130G	1X1/2	50	200	043	1.80
438-131G	1X3/4	50	300	043	1.80

**Schedule 40 Fittings & Accessories  
PVC Gray Sch 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing Flush Style (continued)**

Spig x Fipt

438-166G	1-1/4X1/2	25	100	043	2.80
438-167G	1-1/4X3/4	25	100	043	2.80
438-168G	1-1/4X1	25	100	043	2.80
438-209G	1-1/2X1/2	25	100	043	3.23
438-210G	1-1/2X3/4	25	100	043	3.23
438-211G	1-1/2X1	25	100	043	3.23
438-212G	1-1/2X1-1/4	25	100	043	3.23
438-247G	2X1/2	10	80	043	4.29
438-248G	2X3/4	10	80	043	4.29
438-249G	2X1	10	80	043	4.29
438-250G	2X1-1/4	10	120	043	4.29
438-251G	2X1-1/2	10	120	043	4.29
438-291G	2-1/2X1-1/2	10	0	043	6.23
438-292G	2-1/2X2	10	40	043	6.23
438-338G	3X2	10	0	043	7.20
438-420G	4X2	6	0	043	16.05
438-422G	4X3	6	0	043	16.05
438-490G	5X4	4	0	043	31.28
438-532G	6X4	5	0	043	58.76

**T.T. Bushing**

Mipt x Fipt



439-101G	3/4X1/2	50	300	043	2.01
439-130G	1X1/2	50	300	043	2.80
439-131G	1X3/4	50	200	043	2.80
439-166G	1-1/4X1/2	25	300	043	4.15
439-167G	1-1/4X3/4	25	300	043	4.15
439-168G	1-1/4X1	25	150	043	4.15
439-210G	1-1/2X3/4	25	100	043	5.00
439-211G	1-1/2X1	25	100	043	5.00
439-212G	1-1/2X1-1/4	25	100	043	5.00
439-249G	2X1	10	120	043	5.35
439-250G	2X1-1/4	10	120	043	5.35
439-251G	2X1-1/2	10	60	043	5.35

**Union**

Soc with Buna-N O-ring Seal



150 psi @ 73°F (23°C)

457-005G	1/2	10	60	043	6.64
457-007G	3/4	10	60	043	7.62
457-010G	1	10	40	043	7.79
457-012G	1-1/4	5	20	043	25.13
457-015G	1-1/2	5	20	043	26.19
457-020G	2	5	0	043	35.30

**Union**

Soc with EPDM O-ring Seal



150 psi @ 73°F (23°C)

497-005G	1/2	10	60	043	7.32
497-007G	3/4	10	60	043	8.38
497-010G	1	10	40	043	8.56
497-012G	1-1/4	5	30	043	27.63
497-015G	1-1/2	5	20	043	28.82
497-020G	2	5	0	043	38.84

**Union**

Fipt with Buna-N O-ring Seal



150 psi @ 73°F (23°C)

458-005G	1/2	10	60	043	7.46
458-007G	3/4	10	60	043	12.46

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Union (continued)**

Fipt with Buna-N O-ring Seal

458-010G	1	10	40	043	17.00
458-012G	1-1/4	5	20	043	29.21
458-015G	1-1/2	5	30	043	29.85
458-020G	2	5	0	043	36.65

**Union**

Fipt with EPDM O-ring Seal



150 psi @ 73°F (23°C)

498-005G	1/2	10	60	043	8.19
498-007G	3/4	10	60	043	13.71
498-010G	1	10	40	043	18.68
498-012G	1-1/4	5	20	043	32.04
498-015G	1-1/2	5	30	043	32.90
498-020G	2	5	0	043	40.33



## Schedule 40 Fittings & Accessories PVC Black Schedule 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Tee Soc



401-005B	1/2	50	300	011	.81
401-007B	3/4	50	0	011	.91
401-010B	1	50	0	011	1.73
401-012B	1-1/4	25	0	011	2.70
401-015B	1-1/2	25	0	011	3.29
401-020B	2	25	0	011	4.78
401-030B	3	10	0	011	21.74

### Tee Fipt



405-005B	1/2	50	0	011	2.95
405-007B	3/4	50	0	011	4.63
405-010B	1	50	0	011	6.43
405-012B	1-1/4	25	0	011	8.89
405-015B	1-1/2	25	0	011	9.16
405-020B	2	10	0	011	12.13

### Reducing Tee Soc x Fipt



402-101B	3/4X1/2	50	0	011	1.40
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### 90° EII Soc



406-005B	1/2	50	400	011	.66
406-007B	3/4	50	300	011	.72
406-010B	1	50	0	011	1.31
406-012B	1-1/4	25	0	011	2.31
406-015B	1-1/2	25	0	011	2.47
406-020B	2	25	0	011	3.87

### 90° EII Soc x Fipt



407-005B	1/2	50	400	011	.81
407-007B	3/4	50	300	011	.91
407-010B	1	50	0	011	1.73
407-012B	1-1/4	25	0	011	2.90
407-015B	1-1/2	25	0	011	3.20
407-020B	2	10	0	011	8.30

### 90° EII Fipt



408-005B	1/2	50	400	011	1.56
408-007B	3/4	50	0	011	2.33
408-010B	1	50	0	011	4.95

### 90° Street EII Spig x Soc



409-015B	1-1/2	25	0	011	5.12
409-020B	2	10	0	011	9.87

### 90° Street EII Mipt x Soc



410-005B	1/2	50	400	011	1.40
410-007B	3/4	50	0	011	1.66
410-010B	1	50	0	011	2.77

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### 90° Street EII (continued) Mipt x Soc

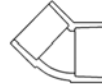
410-012B	1-1/4	25	0	011	3.87
410-015B	1-1/2	25	0	011	4.05
410-020B	2	10	0	011	9.97

### 90° Street EII Mipt x Fipt



412-005B	1/2	50	400	011	1.90
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### 45° EII Soc



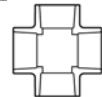
417-005B	1/2	50	400	011	1.06
417-007B	3/4	50	300	011	1.66
417-010B	1	50	0	011	1.99
417-012B	1-1/4	25	0	011	2.77
417-015B	1-1/2	25	0	011	3.48
417-020B	2	25	0	011	4.53

### 45° Street EII Spig x Soc



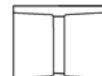
427-020B	2	25	0	011	4.53
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### Cross Soc



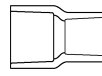
420-015B	1-1/2	25	0	011	7.66
420-020B	2	10	0	011	11.31

### Coupling Soc



429-005B	1/2	50	600	011	.43
429-007B	3/4	50	400	011	.59
429-010B	1	50	0	011	1.02
429-012B	1-1/4	25	150	011	1.40
429-015B	1-1/2	25	0	011	1.50
429-020B	2	25	0	011	2.33

### Reducer Coupling Soc



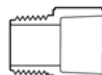
429-422B	4X3	4	0	011	34.70
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### Female Adapter Soc x Fipt



435-005B	1/2	50	600	011	.72
435-007B	3/4	50	400	011	.91
435-010B	1	50	0	011	1.06
435-012B	1-1/4	25	0	011	1.66
435-015B	1-1/2	25	0	011	1.90
435-020B	2	10	80	011	2.53

### Male Adapter Mipt x Soc



436-005B	1/2	50	300	011	.59
436-007B	3/4	50	400	011	.66
436-010B	1	50	300	011	1.16
436-012B	1-1/4	25	0	011	1.40
436-015B	1-1/2	25	0	011	1.90



**Schedule 40 Fittings & Accessories**  
**PVC Black Schedule 40 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Male Adapter (continued)**

Mipt x Soc

436-020B	2	25	0	011	2.49
436-030B	3	10	0	011	10.73

**Reducing Male Adapter**

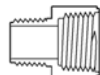
Mipt x Soc



436-101B	3/4X1/2	50	300	011	1.06
436-251B	2X1-1/2	10	80	011	6.02

**IPT Adapter**

Mipt x Fipt



446-074B	1/2X3/4	50	200	011	2.49
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**Reducer Bushing**

Spig x Soc



437-251B	2X1-1/2	25	0	011	2.90
437-335B	3X1	10	0	011	6.86
437-337B	3X1-1/2	10	0	011	6.86

**Reducer Bushing**

Spig x Fipt



438-072B	1/2X1/4	50	350	011	1.40
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**Cap**

Soc



447-005B	1/2	50	300	011	.59
447-007B	3/4	50	300	011	.67
447-010B	1	50	200	011	1.06
447-012B	1-1/4	25	100	011	1.50
447-015B	1-1/2	25	0	011	1.66
447-020B	2	10	80	011	1.99
447-040B	4	6	0	011	15.77
447-060B	6	4	0	011	37.80

**Cap**

Fipt



448-005B	1/2	50	300	011	1.23
448-007B	3/4	50	300	011	1.44

**Plug**

Mipt



450-005B	1/2	50	300	011	1.74
450-007B	3/4	50	300	011	1.88
450-010B	1	50	400	011	3.06
450-012B	1-1/4	25	300	011	3.21



## Schedule 40 Fittings & Accessories PVC Clear Sch 40 Pipe & Fittings

**PIPE SPECIFICATIONS** Standard Length of pipe is 10 Feet. Custom lengths and sizes are available on special order from the pipe manufacturer. All pipe is packed in poly bags and boxed. This material complies with the provisions of Title 21 of the United States FDA Code of Federal Regulations, and is safe for use in food contact applications. Pipe has a UL 94 V-0 rating. Standard threading or grooving of Schedule 40 Clear pipe is not recommended due to insufficient wall thickness. Use specialty clear transition fittings for threaded assemblies or standard PVC transition fittings where applicable.

Part Number	Size	Avg. O.D.	Avg. I.D.	Min. Wall	Max. W.P. psi*	Lbs./Ft.	Feet Per Carton
PL-002	1/4	.540	.354	.088	390	.081	100
PL-003	3/8	.675	.483	.091	310	.109	100
PL-005	1/2	.840	.608	.109	300	.161	350
PL-007	3/4	1.050	.810	.113	240	.214	250
PL-010	1	1.315	1.033	.133	220	.315	250
PL-012	1-1/4	1.660	1.364	.140	180	.426	200
PL-015	1-1/2	1.900	1.592	.145	170	.509	160
PL-020	2	2.375	2.049	.154	140	.682	120
PL-025	2-1/2	2.875	2.445	.203	150	1.076	80
PL-030	3	3.500	3.042	.216	130	1.409	60
PL-040	4	4.500	3.998	.237	110	2.006	50
PL-060	6	6.625	6.031	.280	90	3.535	10
PL-080	8	8.625	7.943	.322	80	5.305	10

\* For water at 73.4°F with solvent welded joints.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Clear Schedule 40 Pipe 10' Lengths, Price Per Foot



List Price Per Foot

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PL-002	1/4	190	0	742	1.04
PL-003	3/8	100	0	742	1.39
PL-005	1/2	90	0	742	2.07
PL-007	3/4	100	0	742	2.77
PL-010	1	90	0	742	4.11
PL-012	1-1/4	30	0	742	5.55
PL-015	1-1/2	50	0	742	6.67
PL-020	2	10	0	742	8.98
PL-025	2-1/2	80	0	742	14.16
PL-030	3	10	0	742	18.51
PL-040	4	10	0	742	27.87
PL-060	6	10	0	038	51.13
PL-080	8	10	0	038	76.41

### Tee Soc



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
401-002L	1/4	25	150	039	10.73
401-003L	3/8	50	200	039	6.91
401-005L	1/2	50	300	039	8.09
401-007L	3/4	50	0	039	9.22
401-010L	1	50	0	039	17.26
401-012L	1-1/4	25	0	039	27.13
401-015L	1-1/2	25	0	039	32.90
401-020L	2	10	0	039	47.81
401-025L	2-1/2	10	0	039	157.60
401-030L	3	10	0	039	206.70
401-040L	4	6	0	039	374.19
401-060L	6	4	0	039	673.56
401-080L	8	2	0	039	1212.39

### 90° EII Soc



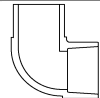
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
406-002L	1/4	25	150	039	8.73
406-003L	3/8	50	300	039	8.73
406-005L	1/2	50	200	039	6.59
406-007L	3/4	50	300	039	7.21
406-010L	1	50	0	039	13.09
406-012L	1-1/4	25	0	039	23.05
406-015L	1-1/2	25	0	039	24.48
406-020L	2	25	0	039	38.80
406-025L	2-1/2	10	0	039	117.72
406-030L	3	10	0	039	140.85
406-040L	4	8	0	039	252.20

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### 90° EII (continued) Soc

406-060L	6	5	0	039	453.97
406-080L	8	2	0	039	817.14

### 90° Street EII Spig x Soc



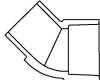
409-005L	1/2	50	400	039	6.59
409-007L	3/4	50	0	039	7.21
409-010L	1	50	0	039	13.09
409-012L	1-1/4	25	0	039	23.05
409-015L	1-1/2	25	0	039	24.48
409-020L	2	10	0	039	38.80
409-025L	2-1/2	10	0	039	117.72

### 45° EII Soc



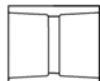
417-002L	1/4	25	150	039	14.01
417-003L	3/8	25	150	039	14.01
417-005L	1/2	50	400	039	10.64
417-007L	3/4	50	300	039	16.43
417-010L	1	50	0	039	19.73
417-012L	1-1/4	25	0	039	27.90
417-015L	1-1/2	25	0	039	34.80
417-020L	2	10	0	039	45.36
417-025L	2-1/2	10	0	039	117.89
417-030L	3	10	0	039	183.01
417-040L	4	5	0	039	328.71
417-060L	6	8	0	039	591.67
417-080L	8	3	0	039	1065.01

### 45° Street EII Spig x Soc



427-005L	1/2	50	400	039	10.64
427-007L	3/4	50	0	039	16.43
427-010L	1	50	0	039	19.73
427-012L	1-1/4	25	0	039	27.90
427-015L	1-1/2	25	0	039	34.80
427-020L	2	25	0	039	45.36
427-025L	2-1/2	10	0	039	117.89
427-030L	3	10	0	039	183.01
427-040L	4	5	0	039	328.71

### Coupling Soc



429-002L	1/4	25	150	039	5.86
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**Schedule 40 Fittings & Accessories  
PVC Clear Sch 40 Pipe & Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Coupling (continued)**

**Soc**

429-003L	3/8	50	300	039	5.86
429-005L	1/2	50	300	039	4.36
429-007L	3/4	50	200	039	5.87
429-010L	1	50	0	039	10.20
429-012L	1-1/4	25	150	039	13.89
429-015L	1-1/2	25	0	039	14.95
429-020L	2	10	60	039	23.30
429-025L	2-1/2	10	0	039	51.06
429-030L	3	10	0	039	80.11
429-040L	4	6	0	039	115.65
429-060L	6	5	0	039	208.19
429-080L	8	6	0	039	374.72

**Female Adapter**

**Soc x SR Fipt**



435-002SRL	1/4	25	450	039	12.30
435-003SRL	3/8	25	300	039	12.30
435-005SRL	1/2	25	300	039	7.29
435-007SRL	3/4	25	300	039	9.12
435-010SRL	1	25	200	039	10.54
435-012SRL	1-1/4	10	80	039	16.19
435-015SRL	1-1/2	10	80	039	18.99
435-020SRL	2	10	0	039	25.57
435-025SRL	2-1/2	5	0	039	53.15
435-030SRL	3	10	0	039	86.76
435-040SRL	4	6	0	039	143.51

**Male Adapter**

**Mipt x Soc**



436-003L	3/8	50	300	039	7.87
436-005L	1/2	50	300	039	5.87
436-007L	3/4	50	400	039	6.59
436-010L	1	50	300	039	11.57
436-012L	1-1/4	25	0	039	13.97
436-015L	1-1/2	25	0	039	18.97
436-020L	2	25	0	039	24.74
436-025L	2-1/2	10	0	039	73.38
436-030L	3	10	0	039	107.20
436-040L	4	5	0	039	136.71

**Reducer Bushing**

**Spig x Soc**



437-101L	3/4X1/2	50	300	039	6.78
437-131L	1X3/4	50	200	039	12.47
437-168L	1-1/4X1	25	150	039	16.43
437-211L	1-1/2X1	25	100	039	17.35
437-212L	1-1/2X1-1/4	25	100	039	17.35
437-251L	2X1-1/2	10	80	039	28.73
437-292L	2-1/2X2	10	40	039	46.21
437-338L	3X2	10	0	039	68.56
437-339L	3X2-1/2	10	0	039	68.56
437-422L	4X3	6	0	039	153.19
437-532L	6X4	5	0	039	308.28
437-585L	8X6	4	0	039	496.35

**Cap**

**Soc**



447-002L	1/4	25	150	039	7.87
447-003L	3/8	50	300	039	7.87
447-005L	1/2	50	300	039	5.87

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cap (continued)**

**Soc**

447-007L	3/4	50	300	039	6.78
447-010L	1	50	200	039	10.74
447-012L	1-1/4	25	100	039	14.95
447-015L	1-1/2	25	0	039	16.43
447-020L	2	10	80	039	19.80
447-025L	2-1/2	10	0	039	63.35
447-030L	3	10	0	039	62.37
447-040L	4	6	0	039	141.84
447-060L	6	4	0	039	255.32
447-080L	8	3	0	039	459.56

**Wyes & Reducing Wyes**

**Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

475-015L	1-1/2	20	0	039	43.39
475-020L	2	10	0	039	63.87
475-030L	3	4	0	039	266.03
475-040L	4	4	0	039	484.36
475-060L	6	3	0	039	828.04
475-532L	6X4	5	0	039	828.04

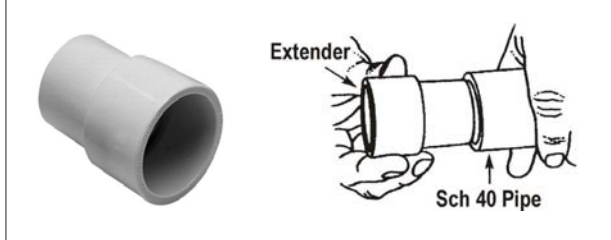


## Schedule 40 Fittings & Accessories Schedule 40 Repair Fittings

Schedule 40 Pipe Repair Fittings  
Allows Difficult Broken Pipe Repair To Be Made Easily

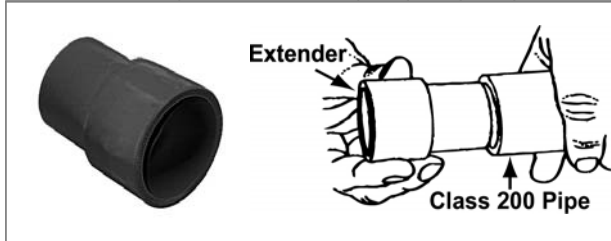
### Pipe Extenders

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Pipe O.D. Spigot x Pipe I.D. Spigot</b>					
S0301-05	1/2	100	600	894	1.55
S0301-07	3/4	50	300	894	2.55
S0301-10	1	50	200	894	3.23
S0301-12	1-1/4	50	0	894	3.87
S0301-15	1-1/2	50	0	894	4.41
S0301-20	2	25	0	894	4.88
S0301-25	2-1/2	25	0	894	5.81
S0301-30	3	25	0	894	13.59
S0301-40	4	20	0	894	16.02



### Pipe Extenders, Class 200

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Pipe O.D. Spigot x Pipe I.D. Spigot</b>					
Fits Class 200 Pipe I.D.					
S0304-10	1	48	0	894	3.57
S0304-12	1-1/4	48	0	894	3.91
S0304-15	1-1/2	48	0	894	4.26
S0304-20	2	48	0	894	4.77



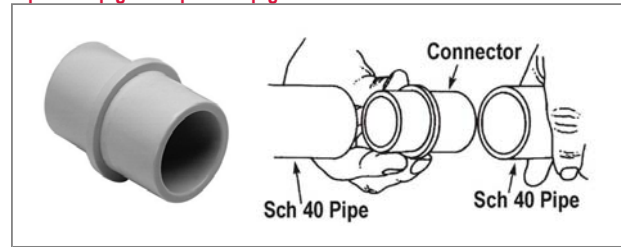
### Inside Connectors

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Pipe I.D. Spigot x Pipe I.D. Spigot</b>					
S0302-10	1	50	300	894	3.23
S0302-15	1-1/2	50	0	894	4.41
S0302-20	2	20	0	894	4.88
S0302-30	3	25	0	894	15.32
S0302-40	4	5	0	894	18.19

### Inside Connectors (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Pipe I.D. Spigot x Pipe I.D. Spigot



Schedule 40 Fitting Extender

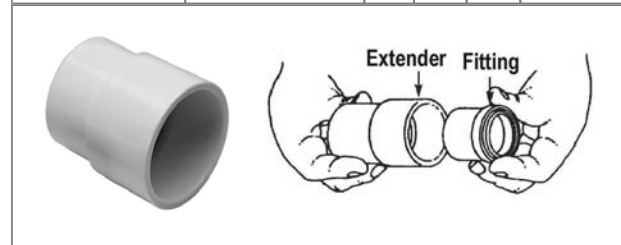
### Extender Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Soc O.D. x Soc

Spigot End also functions as next size down Socket

S0303-15	1-1/2	25	0	894	6.13
S0303-20	2	25	0	894	7.59



## Schedule 40 Fittings & Accessories Repair Couplings



(S119) Socket x Socket

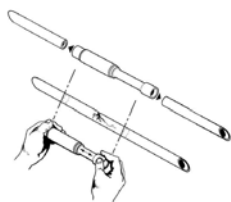


- Multi-function Telescoping Design
- Socket x Socket Configuration for Pipe Repair or Use as a Short-Stroke Expansion Joint
- Spigot x Socket Configuration for Replacing Damaged Fittings
- Both Configurations can be Easily Modified for Opposite Use
- Available in PVC White and PVC Gray
- Double O-ring Seal in EPDM or genuine Viton®
- 1/2" - 2" Pressure Rated to 235 PSI @ 73°F (23°C)
- 2-1/2" - 4" Pressure Rated to 200 PSI @ 73°F (23°C)
- 6" Pressure Rated to 150 PSI @ 73°F (23°C)
- NSF® Certified for Potable Water Use

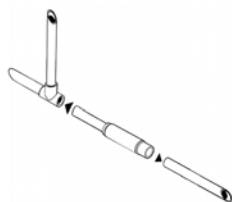
(S118) Spigot x Socket

### Versatile Repair Capability

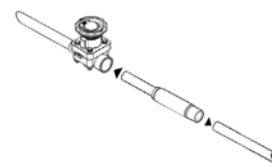
Spears® Repair Couplings provide a variety of system repair and alteration solutions. Use Socket x Socket configurations for quick pipe damage repair - can also be used as a short-stroke expansion joint to compensate for thermal expansion & contraction. Spigot x Socket configurations are excellent for lateral and riser add-ons, damaged fitting replacement, or for installing valves in existing piping systems. Order the wrong configuration? Simply cut coupling from Socket shaft end to function as a spigot or add a coupling to Spigot shaft end for Socket connections.



**Pipe Damage Repair  
Or Use as Expansion Joint**



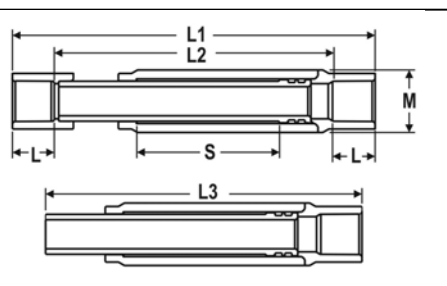
**Lateral Add-on Or Fitting Replacement**



**Valve Retrofit Installation**

### Dimensions

Size	L	L1	L2	L3	S	M
1/2	7/8	7-5/8	5-7/8	6-3/4	3	1-7/16
3/4	1	9-3/8	7-3/8	8-1/4	4	1-3/4
1	1-1/8	10-1/8	7-7/8	8-7/8	4	2-1/16
1-1/4	1-1/4	10-7/8	8-3/8	9-5/8	4	2-7/16
1-1/2	1-3/8	11-3/8	8-5/8	9-7/8	4	2-11/16
2	1-1/2	12-1/4	9-1/4	10-5/8	4	3-3/16
2-1/2	1-3/4	15-7/8	12-3/8	13-7/8	6	3-15/16
3	1-7/8	16-1/8	12-3/8	14-1/8	6	4-9/16
4	2-1/4	17-3/4	13-1/4	15-1/4	6	5-11/16
6	3	22	16	18-3/4	6	8-3/8



INSTALLATION NOTE: For expansion joint applications, install with unit 1/2 extended. System must be supported and blocked against thrusts and movement under pressure. May be installed with flow in either direction.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
-------------	------	--------	----------	-----------	------------

### PVC - Spig x Soc

PVC White with EPDM O-ring



Can be used as short-stroke Expansion Joint

S118-05	1/2	25	0	025	5.28
S118-07	3/4	30	0	025	6.00
S118-10	1	15	0	025	6.93
S118-12	1-1/4	23	0	025	13.05
S118-15	1-1/2	25	0	025	14.21
S118-20	2	12	0	025	21.98
S118-25	2-1/2	5	0	025	31.89
S118-30	3	4	0	025	39.84
S118-40	4	2	0	025	69.73
S118-60	6	1	0	025	170.62

### PVC - Soc x Soc

PVC White with EPDM O-ring



Can be used as short-stroke Expansion Joint

S119-05	1/2	30	0	025	5.28
S119-07	3/4	24	0	025	6.00
S119-10	1	20	0	025	6.93
S119-12	1-1/4	10	0	025	13.05
S119-15	1-1/2	16	0	025	14.21
S119-20	2	10	0	025	21.98

### PVC - Soc x Soc (continued)

PVC White with EPDM O-ring

S119-25	2-1/2	5	0	025	31.89
S119-30	3	4	0	025	39.84
S119-40	4	2	0	025	69.73
S119-60	6	1	0	025	170.62

### Fabricated Repair Coupling

Gasket x Gasket



428-020F	2	1	10	047	59.19
428-030F	3	1	8	047	76.69
428-040F	4	1	4	047	88.81
428-060F	6	1	3	047	120.38
428-080F	8	1	2	047	165.09
428-100F	10	1	0	047	247.32
428-120F	12	1	0	047	322.02
428-140F	14	1	0	047	630.19
428-160F	16	1	0	047	881.86
428-180F	18	1	0	047	1357.32
428-200F	20	1	0	047	1620.03
428-240F	24	1	0	047	2261.65

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
Progressive Products from Spears® Innovation and Technology

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## Schedule 40 Fittings & Accessories Short Repair Couplings

Space Saving, Compact Version of Standard Repair Coupling  
Requires 1/3 less Space

(SH119) Socket x Socket



(SH118) Spigot x Socket

- Compact Telescoping Design
- Socket x Socket Configuration for Pipe Repair or Use as a Short-Stroke Expansion Joint
- Spigot x Socket Configuration for Replacing Damaged Fittings
- Both Configurations can be Easily Modified for Opposite Use
- Available in PVC White, Sizes 1/2" - 2"
- EPDM Double O-ring Seal
- Pressure Rated to 235 PSI @ 73°F (23°C)
- NSF® Certified for Potable Water Use

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC - Spig x Soc

PVC White with EPDM O-ring



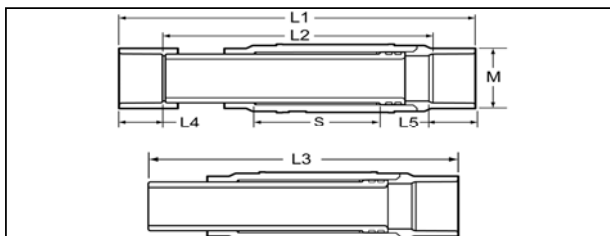
SH118-05	1/2	36	0	025	5.28
SH118-07	3/4	30	0	025	6.00
SH118-10	1	35	0	025	6.93
SH118-12	1-1/4	25	0	025	13.05
SH118-15	1-1/2	32	0	025	14.21
SH118-20	2	15	0	025	21.98

### PVC - Soc x Soc

PVC White with EPDM O-ring



SH119-05	1/2	40	0	025	5.28
SH119-07	3/4	30	0	025	6.00
SH119-10	1	30	0	025	6.93
SH119-12	1-1/4	20	0	025	13.05
SH119-15	1-1/2	21	0	025	14.21
SH119-20	2	12	0	025	21.98



Size	L1	L2	L3	L4	L5	S	M
1/2	5-7/8	4-5/16	4-15/16	7/8	3/4	2	1-7/16
3/4	6-9/16	4-3/4	5-7/16	1	13/16	2-1/4	1-3/4
1	6-13/16	4-3/4	5-9/16	1-1/8	15/16	2-3/16	2-1/16
1-1/4	7-15/16	5-11/16	6-5/8	1-1/4	1	2-1/2	2-7/16
1-1/2	8-1/4	5-13/16	6-3/4	1-3/8	1-1/8	2-13/16	2-11/16
2	10-1/16	7-3/8	8-5/16	1-1/2	1-3/16	3-1/8	3-1/4

INSTALLATION NOTE: For expansion joint applications, install with unit 1/2 extended. System must be supported and blocked against thrusts and movement under pressure. May be installed with flow in either direction.



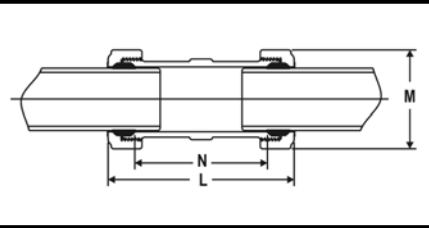
## Schedule 40 Fittings & Accessories Compression Couplings



- Designed for Quick Connections, System Modifications or Repairs
- Completely Redesigned for Improved Versatility
- PVC White plus New Industrial PVC Gray
- Easy-Thread Compression Nut
- New Spigot Conversion Capability
- Full Service 200 PSI Pressure Rating
- NSF® Certified for Potable Water Use

### Basic Dimensions

Part Number	Size (in.)	L	M	N
S110-05	1/2	5-3/16	1-3/16	3-3/8
S110-07	3/4	5-7/16	2-1/16	3-9/16
S110-10	1	5-11/16	2-7/16	3-3/4
S110-12	1-1/4	6-1/4	2-15/16	4-1/8
S110-15	1-1/2	6-1/2	3-5/16	4-5/8
S110-20	2	7-1/8	3-3/4	5-1/16
S110-25	2-1/2	8-11/16	4-11/16	5-7/8
S110-30	3	9-1/2	5-1/2	6-3/16
S110-40	4	11-5/16	6-3/4	7-3/8
S110-60	6	11-5/8	9-5/16	7-9/16



N = Maximum allowable space between pipe ends.

NOTE: Decreasing distance between pipe ends improves stability and is recommended.

### PVC White

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N Gasket</b>					
S110-05	1/2	28	0	024	3.67
S110-07	3/4	24	0	024	4.96
S110-10	1	20	0	024	6.43
S110-12	1-1/4	10	0	024	9.86
S110-15	1-1/2	16	0	024	10.18
S110-20	2	12	0	024	13.24
S110-25	2-1/2	6	0	024	24.90
S110-30	3	4	0	024	32.60
S110-40	4	4	0	024	53.62
S110-60	6	1	0	024	121.94

### Compression Coupling Nut Wrench Set

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-000	Set	1	50	299	94.70
Complete Set of Wrenches, Sizes 1/2 - 3					

### PVC Gray

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>EPDM Gasket</b>					
S110E-05G	1/2	28	0	024	4.37
S110E-07G	3/4	24	0	024	5.86
S110E-10G	1	15	0	024	7.56
S110E-12G	1-1/4	10	0	024	11.66
S110E-15G	1-1/2	16	0	024	12.04
S110E-20G	2	12	0	024	15.62
S110E-25G	2-1/2	6	0	024	29.41
S110E-30G	3	4	0	024	38.46
S110E-40G	4	4	0	024	63.27
S110E-60G	6	1	0	024	143.89

### Compression Coupling Nut Wrenches

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-005	1/2	1	50	299	11.33
CCW-007	3/4	1	50	299	11.53
CCW-010	1	1	50	299	12.02
CCW-012	1-1/4	1	50	299	13.60
CCW-015	1-1/2	1	50	299	14.67
CCW-020*	2	1	50	299	16.39
CCW-030**	3	1	25	299	20.16
CCW-060	6	8	0	299	30.32

\* CCW-20 - Wrench also fits 2-1/2" Coupling Body

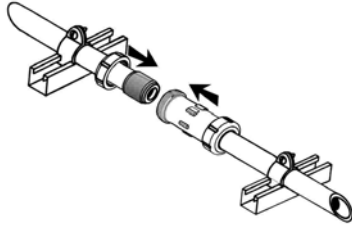
\*\*CCW-30 - Wrench also fits 4" Coupling Body



## Schedule 40 Fittings & Accessories Compression Couplings

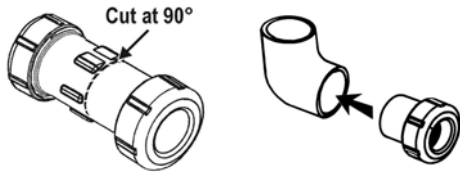
### Easy Installation

Spears® Compression Couplings easily install by simply sliding nut over pipe, slip on gasket, then insert into body and tighten nuts.



### Convert Fittings to Compression Outlet

Socket-type fittings 3/4" through 3" can be easily converted to compression outlet sizes 1/2" through 2-1/2" by simply cutting the Compression Coupling at the center holding ribs and solvent welding the spigot body into a fitting socket.



Compression Coupling Size (in.)	Body Spigot Size (in.)
1/2	3/4
3/4	1
1	1-1/4
1-1/4	1-1/2
1-1/2	2
2	2-1/2
2-1/2	3

### Important Installation Note

**WARNING:** The compression joints provide a positive seal but do not restrain pipe from thrusts and movement under pressure. Use of compression joint requires blocking connecting pipe to prevent any movement. Failure to do so can result in system failure or severe personal injury. Use in cold water/fluid applications only.

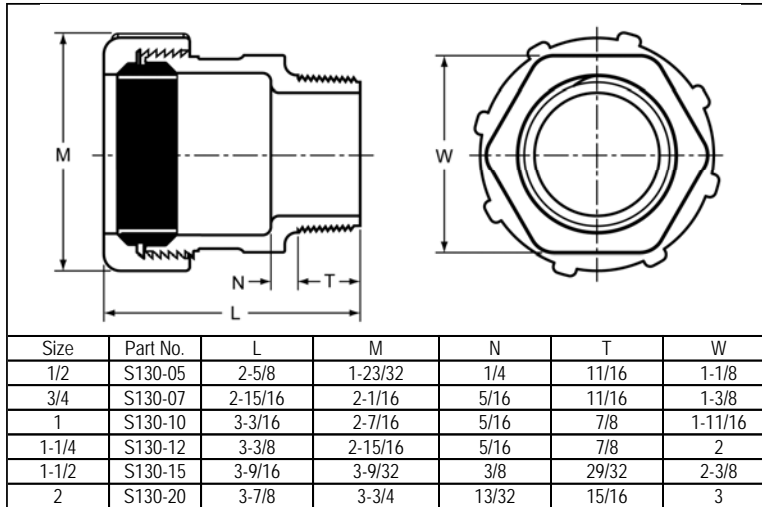
## Schedule 40 Fittings & Accessories Compression Male Adapters



- Quickly Adapts Pipe to MIPT Thread
- Easy-Thread Compression Nut
- PVC White with Buna-N Gasket
- 200 psi Pressure Rating
- NSF® Certified for Potable Water Use

Uses same Nut Wrench sets available for Compression Couplings

### Basic Dimensions



### PVC Compression Male Adapters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Buna-N Gasket

S130-05	<b>1/2</b>	25	150	024	2.98
S130-07	<b>3/4</b>	25	200	024	3.60
S130-10	<b>1</b>	25	0	024	4.57
S130-12	<b>1-1/4</b>	25	0	024	7.02
S130-15	<b>1-1/2</b>	25	0	024	7.20
S130-20	<b>2</b>	25	0	024	8.98



## Schedule 40 Fittings & Accessories Filters

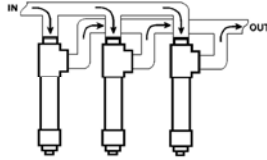
Specially designed for agricultural and irrigation applications. Suitable for any application where cool, filtered water is required. Standard units utilize an internal-to-external filter cartridge. See following page for reverse flow (external to internal) filters.



- 200 psi Working Pressure Non-Shock @ 73°F (23°C)
- Filter Body is made from NSF®-PW Approved PVC Material
- Optional Screen Meshes
- Compact Design, Easy to Clean
- Lightweight, Easy to Install

- Filter Screens are designed using a standard perforated Stainless Steel Screen
- Mesh Sizes include an inner Stainless Steel Cloth with Spring Support (external cloth on reverse flow filters)
- Pressure loss: 100 GPM – 3 psi 50 GPM – 1.25 psi
- May be bushed to required pipe size

- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



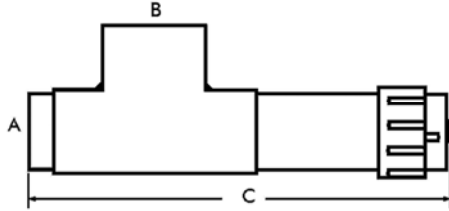
### —CAUTION—

- WATER HAMMER MAY CAUSE SEVERE DAMAGE TO THE FILTER ASSEMBLY.
- BACK FLUSHING IS NOT RECOMMENDED.
- QUALITY GRADE THREAD SEALANT IS RECOMMENDED FOR ALL THREADED PVC CONNECTIONS.

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.

### Filter Dimensions & Weights



Series	A Inlet		B Outlet	C Overall Length	Screen Length	Filter Approx. Weight
	Socket	Spigot				
FLR	2-1/2	3	4	28	24	8
MFLR	2-1/2	3	4	16	12	4-3/4

### Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM</b>					
FL-16*	2-1/2 /3 x 4	1	0	020	527.35
FL-32*	2-1/2 /3 x 4	1	0	020	539.34
FL-50	2-1/2 /3 x 4	1	0	020	611.23
FL-76	2-1/2 /3 x 4	1	0	020	738.28
FL-100	2-1/2 /3 x 4	1	0	020	671.16
FL-150	2-1/2 /3 x 4	1	0	020	695.15
FL-200	2-1/2 /3 x 4	1	0	020	755.07

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4a) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5a when ordering.

### 50 GPM

MFL-16*	2-1/2 /3 x 2	1	0	020	443.48
MFL-32*	2-1/2 /3 x 2	1	0	020	450.65
MFL-50	2-1/2 /3 x 2	1	0	020	465.01
MFL-76	2-1/2 /3 x 2	1	0	020	563.33
MFL-100	2-1/2 /3 x 2	1	0	020	491.41
MFL-150	2-1/2 /3 x 2	1	0	020	515.37
MFL-200	2-1/2 /3 x 2	1	0	020	575.29

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4a) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5a when ordering.

### Filter Replacement Screens

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM (24" Length)</b>					
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FL-50-1	50 Mesh	3	0	020	455.45

### Filter Replacement Screens (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM (24" Length)</b>					
FL-76-1	76 Mesh	3	0	020	450.65
FL-100-1	100 Mesh	3	0	020	354.78
FL-150-1	150 Mesh	3	0	020	383.52
FL-200-1	200 Mesh	3	0	020	474.62

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

### 50 GPM (12" Length)

MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFL-50-1	50 Mesh	3	0	020	239.71
MFL-76-1	76 Mesh	3	0	020	340.38
MFL-100-1	100 Mesh	3	0	020	263.69
MFL-150-1	150 Mesh	3	0	020	292.46
MFL-200-1	200 Mesh	3	0	020	359.54

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

### Filter Replacement Components

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM Filter Body</b>					
FL-11	2-1/2 /3 X 4	1	0	020	359.54
<b>50 GPM Filter Body</b>					
MFL-11	2-1/2 /3 X 2	1	0	020	275.66

### Components for Old-Style Filters w/3" Bottom Cap

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Filter Cap w/Gasket</b>					
FL-4A	3X1-1/4	1	70	020	29.97
FL-5A	3X1/4	70	0	020	29.97

**Schedule 40 Fittings & Accessories  
Filters & Reverse Flow Filters**



**Filters**

**Components for Old-Style Filters w/3" Bottom Cap**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FCG-5	3	2	0	020	9.54

**Components for New-Style Filters w/4" Bottom Cap**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-4B	4X1-1/4	25	0	020	55.07

**Components for New-Style Filters w/4" Bottom Cap (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-5B	4X1/4	1	0	020	89.09
Includes Cap with Cap O-ring (1) and bottom Filter Bushing O-ring (1)					
<b>Cap O-Ring Only</b>					
B-242	---	100	0	901	.79
<b>Filter Bushing O-Rings</b>					
B-335-60	---	100	0	901	3.48
Each filter uses two (2) Filter Bushing O-rings for top and bottom screen seals					

**Reverse Flow Filters**



100 GPM



50 GPM

- Filter cartridge specially designed for external-to-internal filtration
- Traps sediment and debris on outside of filter (standard filters use internal-to-external flow)
- 100 GPM and 50 GPM styles available

**100 GPM Reverse Flow Filter Assembly with Stainless Steel Screen**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket x Socket/Spigot</b>					
FLR-16*	4X2-1/2 /3	1	0	020	527.35
FLR-32*	4X2-1/2 /3	1	0	020	539.34
FLR-50	4X2-1/2 /3	1	0	020	611.23
FLR-76	4X2-1/2 /3	1	0	020	738.28
FLR-100	4X2-1/2 /3	1	0	020	671.16
FLR-150	4X2-1/2 /3	1	0	020	695.15
FLR-200	4X2-1/2 /3	1	0	020	755.07

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**50 GPM Filter Assembly with Stainless Steel Screen**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket x Socket/Spigot</b>					
MFLR-16*	2X2-1/2 /3	1	0	020	443.48
MFLR-32*	2X2-1/2 /3	1	0	020	450.65
MFLR-50	2X2-1/2 /3	1	0	020	465.01
MFLR-76	2X2-1/2 /3	1	0	020	563.33
MFLR-100	2X2-1/2 /3	1	0	020	491.41
MFLR-150	2X2-1/2 /3	1	0	020	515.37
MFLR-200	2X2-1/2 /3	1	0	020	575.29

\*Standard MFL-16 and MFL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**100 GPM Reverse Flow Filter Replacement Screens (24" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FLR-50-1	50 Mesh	3	0	020	231.22
FLR-76-1	76 Mesh	3	0	020	450.65
FLR-100-1	100 Mesh	3	0	020	320.17
FLR-150-1	150 Mesh	3	0	020	364.34

**100 GPM Reverse Flow Filter Replacement Screens (24" Length) (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FLR-200-1	200 Mesh	3	0	020	450.89

**50 GPM Reverse Flow Filter Replacement Screens (12" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFLR-50-1	50 Mesh	3	0	020	243.40
MFLR-76-1	76 Mesh	3	0	020	340.38
MFLR-100-1	100 Mesh	3	0	020	250.49
MFLR-150-1	150 Mesh	3	0	020	277.82
MFLR-200-1	200 Mesh	3	0	020	341.55

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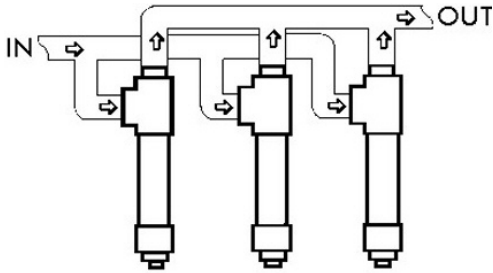


## Schedule 40 Fittings & Accessories Reverse Flow Filters

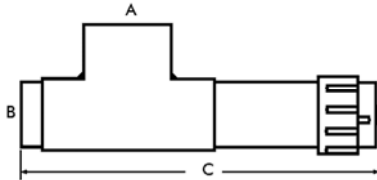
Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: FLR-50 = 50 Mesh

### Typical Reverse Flow Application



- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in direct sunlight, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



Series	A Inlet	B Outlet		C Overall Length	Screen Length	Filter Approx. Weight
		Socket	Spigot			
FLR	4	2-1/2	3	28	24	8
MFLR	4	2-1/2	3	16	12	4-3/4

**Schedule 40 Fittings & Accessories**  
**In-line Tee Style Filters and Reverse In-line Tee Style Filters**



**100 GPM and 50 GPM • PVC White • Buna O-ring Seal**



100 GPM



50 GPM

- In-line Design Simplifies Installation.
- Allows Easy Parallel Filter Configuration for Increased Flow and Filtration.
- Removable Type 304 Stainless Steel Filter Cartridges in Assorted Perforations and Screen Mesh.
- Standard Flow Filter (Internal-to-External) Traps Sediment on Inside of Cartridge, Reverse Flow Filter (External-to-Internal) Traps Sediment on Outside of Cartridge.
- Convenient Bottom Drain with 1-1/4" NPT Stainless Steel Reinforced Plastic Thread and Plug. Optional Cap with 1/4" Outlet Available.
- 200 psi Working Pressure for Water @ 73°F (23°C).
- Manufactured from NSF® Certified PVC Material.

**100 GPM PVC White Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
TF-16"	2-1/2" /3 x 2-1/2" /3	1	0	020	527.35
TF-32"	2-1/2" /3 x 2-1/2" /3	1	0	020	539.34
TF-50	2-1/2" /3 x 2-1/2" /3	1	0	020	611.23
TF-76	2-1/2" /3 x 2-1/2" /3	1	0	020	738.28
TF-100	2-1/2" /3 x 2-1/2" /3	1	0	020	671.16
TF-150	2-1/2" /3 x 2-1/2" /3	1	0	020	695.15
TF-200	2-1/2" /3 x 2-1/2" /3	1	0	020	755.07

**50 GPM PVC White Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTF-16"	2-1/2" /3 x 2-1/2" /3	1	0	020	443.48
MTF-32"	2-1/2" /3 x 2-1/2" /3	1	0	020	450.65
MTF-50	2-1/2" /3 x 2-1/2" /3	1	0	020	465.01
MTF-76	2-1/2" /3 x 2-1/2" /3	1	0	020	563.33
MTF-100	2-1/2" /3 x 2-1/2" /3	1	0	020	491.41
MTF-150	2-1/2" /3 x 2-1/2" /3	1	0	020	515.37
MTF-200	2-1/2" /3 x 2-1/2" /3	1	0	020	575.29

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
 Example: TF-50 = 50 Mesh

**100 GPM PVC White Reverse Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
TF-16"	2-1/2" /3 x 2-1/2" /3	1	0	020	527.35
TF-32"	2-1/2" /3 x 2-1/2" /3	1	0	020	539.34
TFR-50	2-1/2" /3 x 2-1/2" /3	1	0	020	611.23
TFR-76	2-1/2" /3 x 2-1/2" /3	1	0	020	738.28
TFR-100	2-1/2" /3 x 2-1/2" /3	1	0	020	671.16
TFR-150	2-1/2" /3 x 2-1/2" /3	1	0	020	695.15
TFR-200	2-1/2" /3 x 2-1/2" /3	1	0	020	755.07

**50 GPM PVC White Reverse Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTF-16"	2-1/2" /3 x 2-1/2" /3	1	0	020	443.48
MTF-32"	2-1/2" /3 x 2-1/2" /3	1	0	020	450.65
MTFR-50	2-1/2" /3 x 2-1/2" /3	1	0	020	465.01
MTFR-76	2-1/2" /3 x 2-1/2" /3	1	0	020	563.33
MTFR-100	2-1/2" /3 x 2-1/2" /3	1	0	020	491.41

**50 GPM PVC White Reverse Tee Filter (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTFR-150	2-1/2" /3 x 2-1/2" /3	1	0	020	515.37
MTFR-200	2-1/2" /3 x 2-1/2" /3	1	0	020	575.29

\*Standard TF-16, TF-32, MTF-16 & MTF-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**100 GPM Filter Replacement Screens for TF Filters (24" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FL-50-1	50 Mesh	3	0	020	455.45
FL-76-1	76 Mesh	3	0	020	450.65
FL-100-1	100 Mesh	3	0	020	354.78
FL-150-1	150 Mesh	3	0	020	383.52
FL-200-1	200 Mesh	3	0	020	474.62

NOTE: When ordering replacement screens for TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**50 GPM Filter Replacement Screens for MTF Filters (12" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFL-50-1	50 Mesh	3	0	020	239.71
MFL-76-1	76 Mesh	3	0	020	340.38
MFL-100-1	100 Mesh	3	0	020	263.69
MFL-150-1	150 Mesh	3	0	020	292.46
MFL-200-1	200 Mesh	3	0	020	359.54

NOTE: When ordering replacement screens for TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**100 GPM Reverse Flow Filter Replacement Screens for TFR Filters (24" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FLR-16-1	1/16" Holes	3	0	020	210.94
FLR-32-1	1/32" Holes	3	0	020	230.11
FLR-50-1	50 Mesh	3	0	020	231.22
FLR-76-1	76 Mesh	3	0	020	450.65
FLR-100-1	100 Mesh	3	0	020	320.17
FLR-150-1	150 Mesh	3	0	020	364.34
FLR-200-1	200 Mesh	3	0	020	450.89

**50 GPM Reverse Flow Filter Replacement Screens for MTFR Filters (12" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53

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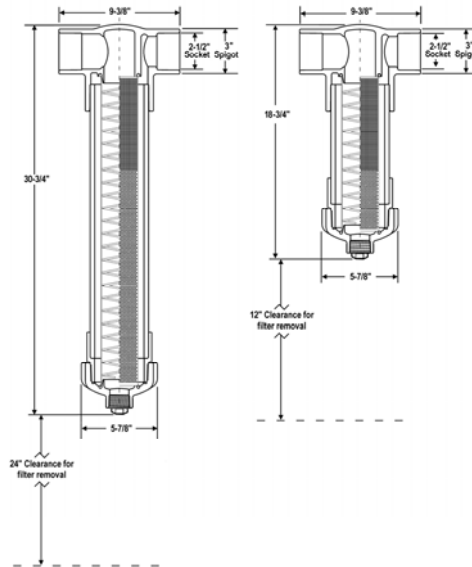
Schedule 40 Fittings & Accessories  
In-line Tee Style Filters and Reverse In-line Tee Style Filters

**50 GPM Reverse Flow Filter Replacement Screens for  
MTFR Filters (12" Length) (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFLR-50-1	<b>50 Mesh</b>	3	0	020	243.40
MFLR-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFLR-100-1	<b>100 Mesh</b>	3	0	020	250.49
MFLR-150-1	<b>150 Mesh</b>	3	0	020	277.82
MFLR-200-1	<b>200 Mesh</b>	3	0	020	341.55

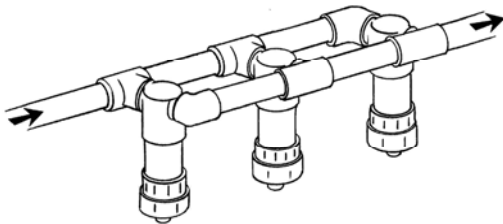
IN-LINE TECHNICAL INFORMATION

Dimensions



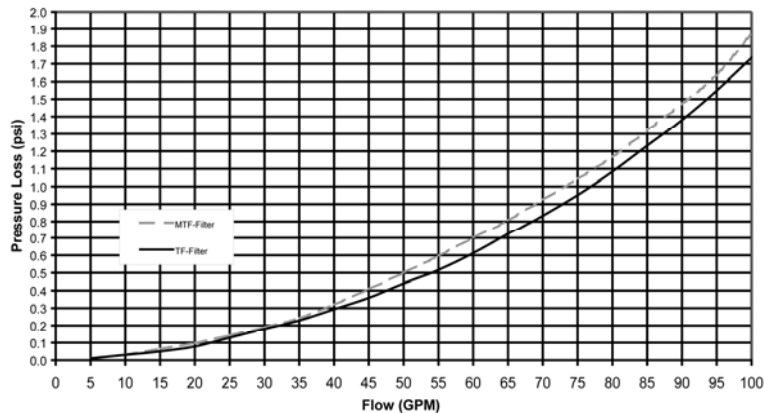
Filter includes drain plug for 1-1/4" NPT outlet. Optional valve for blow-out or filter cap with 1/4" NPT outlet can be purchased separately.

Parallel Filter Installation



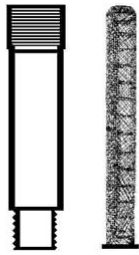
- When more than 100 gpm is required, filters may be installed in parallel.
- When installing filter, allow space for removing filter screen for cleaning.
- Remove stainless steel filter screen before solvent welding filter to pipe manifold to avoid cement contact with screen.
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance.
- Installation in a shaded area is preferred.

Pressure Loss

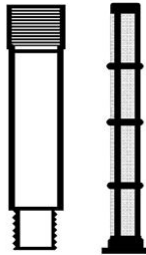




## Schedule 40 Fittings & Accessories Hose Filters



7 GPM Steel



7 GPM Plastic/Nylon

NOTE: It is recommended to connect the inlet of the Hose Filter to the system with a swivel adapter such as Spears® AP Series, to facilitate servicing of the filter element (refer to Hose Fittings).

Mesh Size	Hole Size (in.)	Part Number Extension
20 Mesh	.0331	-20
30 Mesh	.0232	-30
50 Mesh	.0117	-50
80 Mesh	.0070	-80
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: HF-50 = 50 Mesh

### 7 GPM Hose Filter Assembly

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with Stainless Steel Screen

HF-20	3/4	10	60	020	17.77
HF-30	3/4	10	60	020	17.77
HF-50	3/4	10	60	020	17.77
HF-80	3/4	10	60	020	17.77
HF-100	3/4	10	60	020	18.46
HF-150	3/4	10	60	020	18.69
HF-200	3/4	10	60	020	19.19

#### with Plastic/Nylon Screen

HF-150N	3/4	10	60	020	18.69
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### Hose Filter Replacement Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Stainless Steel Screen

HF-20-1W	5	25	150	020	6.50
HF-30-1W	5	25	150	020	6.50
HF-50-1W	5	25	150	020	6.50
HF-80-1W	5	25	150	020	6.50
HF-100-1W	5	25	150	020	9.60
HF-150-1W	5	25	150	020	9.60
HF-200-1W	5	25	150	020	9.60

#### Plastic/Nylon Screen

HF-150-1NW	4-3/4	25	150	020	9.60
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### 7 GPM Hose Filter Body Components

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Hose Filter Body w/o screen

HF	3/4	10	60	020	13.37
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#### Hose Washer

W-100	3/4	50	1500	020	.04
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#### Screen Washer

S-W	- - -	600	0	901	.20
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**Schedule 40 Fittings & Accessories**  
 • Hose Fittings • Solvent Weld For Flexible PVC Hose & • Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose



**• Hose Fittings • Solvent Weld For Flexible PVC Hose**

- |                                |                               |
|--------------------------------|-------------------------------|
| FHT = Female Hose Thread       | MHT = Male Hose Thread        |
| Fipt = Female Iron Pipe Thread | Mipt = Male Iron Pipe Thread  |
| HS = Hose Socket               | Soc = IPS Solvent Weld Socket |
| Ins = Male Insert Barb         |                               |

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Hose Coupling**



C-44	1/2	200	0	020	.88
C-55	5/8	100	0	020	1.17
C-66	3/4	100	0	020	2.23

**90° EII  
MHT x Soc**



EHP-007	3/4	50	0	020	2.49
EHP-101	3/4X1/2	50	0	020	2.13

**Hose Tee**

MHT x MHT x FHT Swivel with Washer



AP-101	3/4	50	0	020	4.31
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W-100



W-101

**Hose Washer**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Washer Only**

W-100	3/4	50	1500	020	.04
W-101	3/4	400	2400	020	1.04

**Swivel Adapter**

Fipt x FHT Swivel with Washer



AP-105	1/2X3/4	50	200	020	2.80
AP-106	3/4	50	200	020	2.80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Swivel Adapter**

Mipt x FHT Swivel with Washer



AP-109	3/4	50	200	020	2.80
AP-112	1/2X3/4	50	200	020	2.80

**Swivel Adapter**

FHT Swivel x FHT Swivel with Washer



AP-110	3/4	50	200	020	2.80
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**Female Adapter**

FHT Swivel x HS with Washer



F-64	3/4X1/2	100	0	020	2.17
F-65	3/4X5/8	100	0	020	2.31
F-66	3/4	100	0	020	2.38

**FHT Swivel x Soc**

F-64-P	3/4X1/2	100	0	020	2.17
F-66-P	3/4	100	0	020	2.38

**Male Adapter**

Mipt x HS



M-44	1/2X1/2	50	300	020	1.21
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**MHT x HS**

M-64	3/4X1/2	50	300	020	1.23
M-65	3/4X5/8	50	200	020	1.96
M-66	3/4	50	200	020	2.27

**MHT x Soc**

M-64-P	3/4X1/2	50	200	020	1.21
M-66-P	3/4	50	200	020	2.27

**• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Female Compression Adapter**

FHT x Poly Adapter with Insert Expander



F-64B	3/4X1/2	50	600	020	1.96
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**Male Compression Adapter**

MHT x Poly Adapter with Insert Expander



M-64B	3/4X1/2	100	0	020	1.50
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**Hose Tee**

Ins x Ins x FHT Swivel



AP-101B	1/2X3/4	50	0	020	3.36
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Transition Tee**

Soc x Soc x Ins



1102-007	3/4	50	0	040	3.06
1102-130	1X1/2	200	0	040	3.43
1102-250	2X1-1/4	10	0	040	4.83

**Insert Coupling**

Ins x Ins



1429-005A	1/2	200	0	140	.93
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**Insert Male Adapter**

Ins x Mipt



1436-005A	1/2	200	0	140	.78
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**Schedule 40 Fittings & Accessories**  
**• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose & Hose Adapters**

**• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each	Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Plug**  
MHT



HPL-6	3/4	100	600	020	1.96
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**Hose Closure**  
For 1/2" Poly Hose



S-HC-1	1/2	200	0	020	.86
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**Cap**  
FHT with Washer



AP-100	3/4	200	0	020	1.63
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**Hose Adapters**

*For Solid Set Or Moveable Aluminum Systems*

- Fipt = Female Iron Pipe Thread
- MHT = Male Hose Thread
- Mipt = Male Iron Pipe Thread
- Rebar = Accepts 1/2" Rebar

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cross**  
MHT x MHT x Fipt x MHT



P-101	3/4X3/4X1/2X3/4	125	0	020	8.46
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**MHT x MHT x Fipt x Mipt**

P-100	3/4	125	0	020	8.46
P-102	3/4X3/4X1/2X3/4	100	0	020	8.46
P-103	3/4X3/4X1/2X1/2	125	0	020	8.46

**Rebar Cross**  
MHT x MHT x Fipt x Rebar



PR-101	3/4X1/2	50	0	020	9.10
PR-103	3/4X3/4X1/2X1/2	50	0	020	9.10

**Rebar Ell**  
MHT x Fipt x Rebar



PR-100	3/4X1/2X1/2	100	0	020	4.79
PR-102	3/4X3/4X1/2	100	0	020	4.79

**Schedule 40 Fittings & Accessories  
Irrigation Accessories & Sprinkler Accessories**



**Irrigation Accessories**

Spears® PVC Adapter System offers a unique method for expanding field irrigation systems that lends versatility and economy to your project. These adapters are designed to use 1/2", 5/8" or 3/4" vinyl hose, and the Rebar fittings and crosses accept a 1/2" or 3/4" sprinkler base. Transition to the existing system can be accomplished with any one of the threaded outlets offered.

*New Installation* — Spears® PVC Adapter System is designed with threaded or swivel thread connections which simplify the initial installation and minimize material, manpower and installation costs. Additional savings accrue through a reduction of the number of laterals required.

*Improving Existing Systems* — The Spears® Adapter System is ideal for updating existing systems because it readily adapts to aluminum or PVC mains and laterals. Expansion or refinement of the irrigation system is easily accomplished through the versatility afforded the user in the location of the new sprinkler heads.

- |      |   |                                   |       |   |                         |
|------|---|-----------------------------------|-------|---|-------------------------|
| BSW  | = | British Standard Whitworth Thread | NFT   | = | National Fine Thread    |
| FHT  | = | Female Hose Thread                | Rebar | = | Accepts 1/2" Rebar      |
| Fipt | = | Female Iron Pipe Thread           | Soc   | = | IPS Solvent Weld Socket |
| MHT  | = | Male Hose Thread                  | Spig  | = | Spigot                  |
| Mipt | = | Male Iron Pipe Thread             |       |   |                         |

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Hose System Riser**  
Soc x Mipt



RM-64	1/2	75	0	020	4.79
RM-66	3/4	75	0	020	4.79

**Hose System Riser**  
Soc x MHT



RM-66-H	3/4	75	0	020	4.79
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**Hose System Riser**  
Soc x Fipt



RF-64	1/2	75	0	020	5.97
RF-66	3/4	70	0	020	5.97

**Trickle Irrigation Hex Cap**  
Fipt (Less Holes)



T-1	1/2	800	0	020	1.56
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**Shrub Adapter**  
Fipt x NFT



PA2010-01	1/2X10-32	50	300	020	1.21
PA2010-03	1/2X5/16	50	300	020	1.21

**Fipt x Fipt**

PA2010-02	1/2X1/8	50	300	020	1.21
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**Fipt x BSW**

PA2010-04	1/2X3/8	50	300	020	1.21
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**Shrub Adapter**  
Soc x NFT



PA2020-01	1/2X10-32	50	300	020	1.21
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Shrub Adapter (continued)**

**Soc x NFT**

PA2020-03	1/2X5/16	50	300	020	1.21
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**Soc x Fipt**

PA2020-02	1/2X1/8	50	300	020	1.21
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**Soc x BSW**

PA2020-04	1/2X3/8	50	300	020	1.21
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**Transition Nipple**



**Mipt x MHT (1.790 Length)**

N-1	3/4X3/4	50	300	020	1.28
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**Mipt x Mipt (1.410 Length)**

N-2	3/8X1/2	50	300	020	1.28
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**Mipt x MHT (1.872 Length)**

N-3	1/2X3/4	50	300	020	1.28
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**Mipt x Mipt Polypropylene (1.480 Length)**

N-4	3/4X1/2	50	300	020	1.28
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**Pipe Support (90° Clip to Body)**  
Without Nail Holes

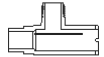


PS4-90	1/2	750	0	020	.57
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**With Nail Holes**

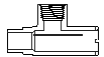
PS4-90N	1/2	750	0	020	.72
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**Manifold Tee**  
Spig x Soc x Mipt



476-010	1	20	0	020	5.68
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**Manifold Tee**  
Spig x Soc x Fipt



477-010	1	25	0	020	5.68
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**Sprinkler Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Standard Sprinkler Stand**  
Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

ES-443†	1/2X3/8	100	0	020	7.43
ES-444†	1/2X1/2	100	0	020	7.43

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Standard Sprinkler Stand (continued)**

**Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet**

ES-543†	5/8X1/2X3/8	75	0	020	8.63
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## Schedule 40 Fittings & Accessories Sprinkler Accessories

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Standard Sprinkler Stand (continued)

#### Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet

ES-654*	3/4X5/8X1/2	75	0	020	10.52
ES-663*	3/4X3/8	75	0	020	11.01
ES-664*	3/4X1/2	75	0	020	11.01

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the ES-443 or ES-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

### Easy Pull Sled

#### Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

EP-443†	1/2X3/8	20	0	020	17.98
EP-444†	1/2	20	0	020	17.98
EP-543*	5/8X1/2X3/8	20	0	020	19.19
EP-544*	5/8X1/2X1/2	20	0	020	19.19
EP-553*	5/8X3/8	20	0	020	20.36
EP-554*	5/8X1/2	20	0	020	20.36
EP-653*	3/4X5/8X3/8	20	0	020	20.62
EP-654*	3/4X5/8X1/2	20	0	020	20.62
EP-663*	3/4X3/8	20	0	020	21.09
EP-664*	3/4X1/2	20	0	020	21.09

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the EP-443 or EP-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

### Tow-Line Tee

#### Soc



Assembled as shown

TL-112	1X1X1/2	15	0	020	11.98
TL-123	2X2X1/2	25	0	020	14.36

#### Soc x Soc x Fipt

TL-112-1	1X1X1/2	30	0	020	12.94
TL-116-1	1-1/4X1-1/4X1/2	30	0	020	13.19
TL-120-1	1-1/2X1-1/2X1/2	25	0	020	13.67
TL-123-1	2X2X1/2	25	0	020	14.86

NOTE: The Tow-Line Tee is used in conjunction with PVC Schedule 40 Pipe with solvent weld connection.

### Hose Cross - with Legs

#### Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

HC-443†	1/2X3/8	60	0	020	8.63
HC-444†	1/2X1/2	60	0	020	8.63
HC-543*	5/8X1/2X3/8	60	0	020	9.83
HC-544*	5/8X1/2X1/2	60	0	020	9.83
HC-553*	5/8X3/8	60	0	020	11.01
HC-554*	5/8X1/2	60	0	020	11.01
HC-653*	3/4X5/8X3/8	60	0	020	11.74
HC-654*	3/4X5/8X1/2	60	0	020	11.74
HC-663*	3/4X3/8	60	0	020	12.46
HC-664*	3/4X1/2	60	0	020	12.46

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the HC-443 or HC-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

NOTE: Hose Crosses are standard with 4" legs. 8" legs are available upon request. Add "-8" at the end of above Part Numbers for 8" legs (for example: HC-443-8). Contact your servicing Regional Distribution Center for pricing.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Hose Cross - Less Legs

#### Hose Socket Inlet x Hose Socket Inlet x IPS Riser Outlet



Shown without adapters

HC-443-1†	1/2X3/8	220	0	020	4.31
HC-444-1†	1/2X1/2	200	0	020	4.31
HC-543-1*	5/8X1/2X3/8	60	0	020	5.97
HC-544-1*	5/8X1/2X1/2	60	0	020	5.97
HC-553-1*	5/8X3/8	50	0	020	7.90
HC-554-1*	5/8X1/2	50	0	020	7.90
HC-653-1*	3/4X5/8X3/8	60	0	020	8.16
HC-654-1*	3/4X5/8X1/2	60	0	020	8.16
HC-663-1*	3/4X3/8	60	0	020	8.63
HC-664-1*	3/4X1/2	60	0	020	8.63

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the HC-443-1 or HC-444-1 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

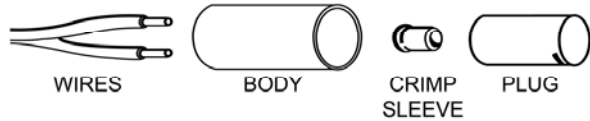
## Schedule 40 Fittings & Accessories Dri-Splice Wire Connectors



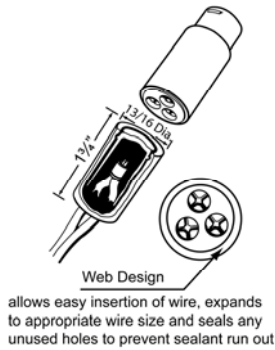
*For use in electrical systems with 30v or less.*

The Spears® Dri-Splice Seal designed into each wire hole enables you to stock one connector for all applications. The Dri-Splice Seal features an interference webbing which expands to accommodate #18 through #6 gauge wire sizes. In the event only two holes are used, the Dri-Splice Seal prevents sealant from leaking out through the third hole.

**SOLD IN STANDARD PACK QUANTITIES ONLY**  
**DS-100/DS-150 & DS-400/DS-450 Dri-Splice Wire Connector Installation Information**



1. Insert wires through holes in base of body.
2. Twist stripped wires together and apply crimp sleeve with an indent type crimping tool. Trim excess bare wire.
3. DS-100 & DS-150 ONLY — Fill Plug to brim with DS-300 sealant.
4. Invert body and insert plug into body until it snaps tight.
5. Push wires all the way into the plug to completely seal the crimp sleeve.
6. DS-100 & DS-150 ONLY — Be certain sealant has formed into all holes in body.



**DS-100 & DS-150 Dri-Splice**

- DS-100 fits AWG #18, #14, #12, or #10
- DS-150 fits AWG #14, #12, #10, #8, or #6
- Designed to insure waterproof connections
- Easily installed in the field without special tools
- Permanent protection for underground wire splices
- Requires the use of DS-300 Sealant

**DS-400 & DS-450 Pre-Filled Dri-Splice**

- All the features of the DS-100 or DS-150, plus the added benefit of being pre-filled with Dielectric Silicone Sealant
- Reduced inventory requirements
- Insures proper amount and type of Sealant every time
- Eliminates costly waste and clean-up
- Makes installations quick, clean and efficient

### Dri-Splice Wire Connectors

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Dri-Splice Wire Connector with Crimp Sleeve (Sealant sold separately)</b>					
DS-100	AWG #18, #14, #12, #10	25	400	020	1.39
DS-150	AWG #14, #12, #10, #8, #6	25	400	020	1.66

**Pre-Filled Dri-Splice Wire Connector with Crimp Sleeve**

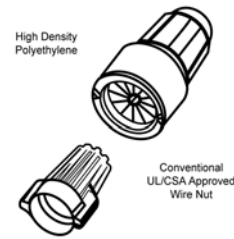
DS-400	AWG #18, #14, #12, #10	25	400	020	3.03
DS-450	AWG #14, #12, #10, #8, #6	25	400	020	3.30

**Crimp Sleeves**

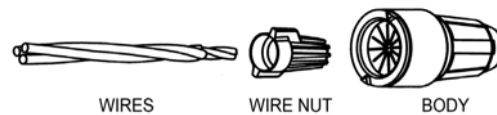
DS-200	AWG #18, #14, #12, #10	25	15000	901	.24
DS-250	AWG #14, #12, #10, #8, #6	25	12500	901	.50

**Dri-Splice Sealant For DS-100 and DS-150 (Approx. 30 connections per 5 oz. tube)**

DS-300	AWG #18, #14, #12, #10	24	0	020	14.53
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**DS-500 Dri-Splice Wire Connector Installation Information**



1. Strip wires and install wire nut.
2. wire nut wings with arrows and insert fully into body.

Sealant: **Dri-Splice Wire Connector General Information**  
**DS-300 Sealant\*** (for DS-100 & DS-150) -MSDS available upon request.  
**DS-400 & DS-450 Dielectric Silicone Sealant\***-defined as an Article, per OSHA 29 CFR 1910, 1200, which does not require an MSDS.  
**DS-500 Dielectric Silicone Sealant\***-defined as an Article, per OSHA 29 CFR 1910, 1200, which does not require an MSDS.

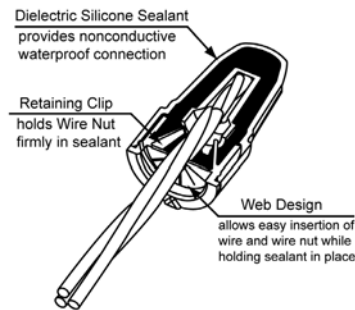
Shelf Life: **DS-300** (unopened tube)— One Year\*  
**DS-400 & DS-450** — Indefinite at 73°F (23°C)\*  
**DS-500**— Indefinite at 73°F (23°C)\*

Electrical Systems: For use in electrical systems with 30v or less. UL Listing NOT required in most areas.

DS-100/DS-150 & DS-400/DS-450 Components: **Plug**— PVC  
**Body**— PVC  
**Crimp Sleeve**— UL and CSA Listed for 18 - 10 awg solid or stranded copper conductors.

DS-500 Components: **Body**— Polyethylene  
**Wire Nut**— Twist-On Spring Type - UL/CSA Listed for 22 - 10 awg solid or stranded copper wire.

\* Information developed and furnished by the Sealant Manufacturers. For additional information, please contact Spears® Technical Services Department.



**DS-500 Dri-Splice Wire Connector**  
*For use in electrical systems with 30v or less.*

Spears® NEW DS-500 Dri Splice Wire Connector is the fast, reliable and clean way of making positive, waterproof connections you can depend on. Simply twist Wire Nut on and insert into Dielectric Silicone Sealant Cartridge. The DS-500 is specially designed for irrigation systems and low voltage lighting, marine and security systems and suitable for direct burial.

- Allows full assembly and check of connection prior to sealing
- Accepts wire combinations from 3 #22 to 3 #10 AWG solid or stranded copper wire
- Special "No-Mess" cartridge design fully encloses sealant
- Internal interlock prevents disengagement of wire nut from sealant cartridge

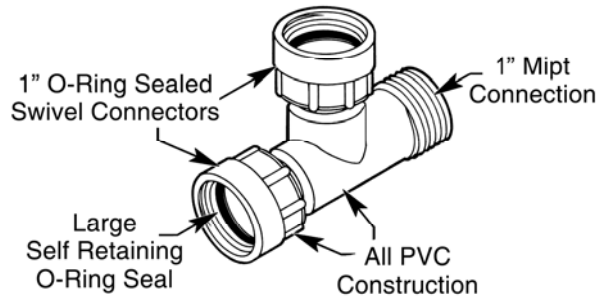
### Dri-Splice Wire Connectors

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Pre-Filled Dri-Splice Wire Connector with Wire Nut</b>					
DS-500	3 AWG #22-#10	25	500	020	3.03



## Schedule 40 Fittings & Accessories PVC Irrigation Manifold Systems

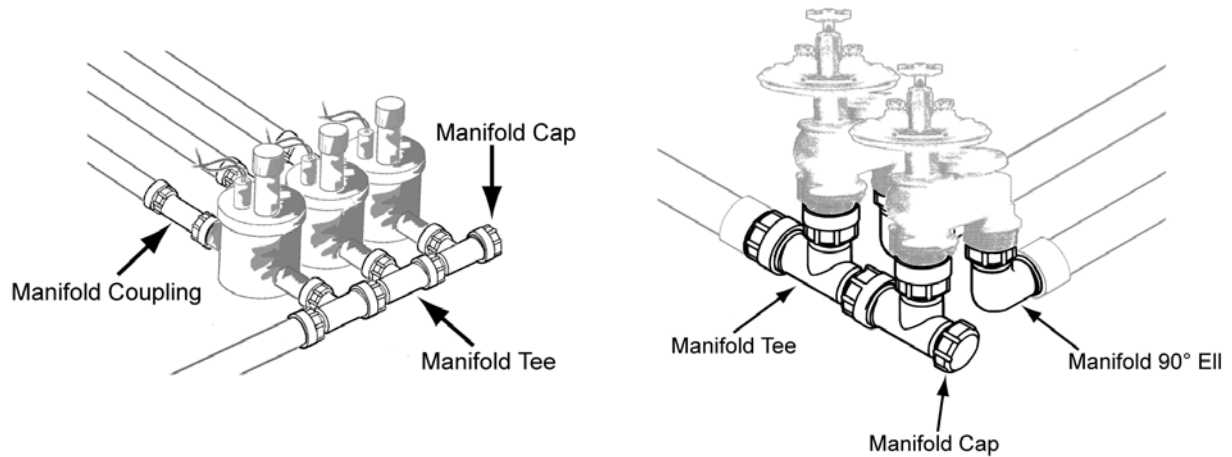
### 1" Manifold Tees & Companion Fitting Configurations Designed For Uniform Irrigation Control Valve Installations



- O-ring Sealed Swivel Connections Require No Thread Sealants - Large Cross-section O-ring Allows Hand Tight Assembly for Positive Seal
- Compatible with all 1" IPS Pipe Thread Outlets
- Pressure Rated to 150 psi @ 73°F (23°C)

Manifold Tee  
(1" Swivel x 1" Mipt x 1" Swivel)

### Typical Application Hundreds of Variation Possibilities

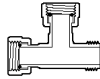


## Schedule 40 Fittings & Accessories High Strength 1" Manifold Systems



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Manifold Tee**  
Swivel x Mipt x Swivel with O-ring Seal



MA0101-010	1	25	0	019	9.41
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**2 - Port Manifold Tee**  
Swivel x Mipt x Swivel Branch with O-ring Seal



MA0101-010-2	1	25	0	019	13.66
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**3 - Port Manifold Tee**  
Swivel x Mipt x Swivel Branch with O-ring Seal



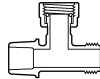
MA0101-010-3	1	25	0	019	18.81
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**4 - Port Manifold Tee**  
Swivel x Mipt x Swivel Branch with O-ring Seal



MA0101-010-4	1	25	0	019	24.00
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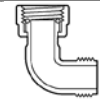
**Manifold Tee**  
Soc(Spig) x Mipt x Swivel with O-ring Seal



For Solvent Cement Connection

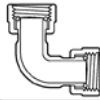
MA0109-010	1 (1-1/4)	25	0	019	8.37
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**Manifold 90° Street El**  
Mipt x Swivel with O-ring Seal



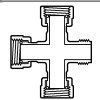
MA0602-010	1	25	0	019	8.04
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**Manifold 90° El**  
Swivel x Swivel with O-ring Seal



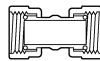
MA0603-010	1	20	0	019	8.87
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**Manifold Cross**  
Swivel x Mipt x Swivel x Swivel with O-ring Seal



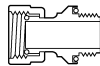
MA2004-010	1	25	0	019	12.49
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**Manifold Swivel Coupling**  
Swivel x Swivel with O-ring Seal



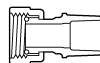
MA2903-010	1	25	200	019	6.66
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**Manifold Nipple Coupling**  
Swivel x Mipt with O-ring Seal



MA2907-010	n/a	25	200	019	4.86
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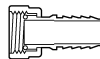
**Manifold Socket (Spig) Coupling**  
Swivel x Soc (Spig) with O-ring Seal



For Solvent Cement Connection

MA2908-010	1 (1-1/4)	25	0	019	4.86
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**Manifold Insert Coupling**  
Swivel x Barbed Insert with O-ring Seal



MA3505-007	1X3/4	25	200	019	4.84
MA3505-010	1	25	200	019	5.16

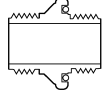
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Manifold Cap**  
Fipt with O-ring Seal



MA4800-010	1	50	600	019	2.03
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**Manifold Nipple**  
Mipt x Mipt with O-ring Seal



1" Nipple End Uses MA-218 O-ring  
3/4" Nipple End Uses MA-214 O-ring

MA8306-010	1	25	200	019	2.18
MA8306-131	1X3/4	25	200	019	1.91

**Manifold Replacement O-ring**  
For All 1" Cap/Swivel Connectors & For 3/4" Nipple End



MA-214	1 & 3/4	50	500	901	.47
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**Manifold Nipple Replacement O-ring**  
For 1" Nipple & For 1" Nippled Coupling End



MA-218	1	50	500	901	.50
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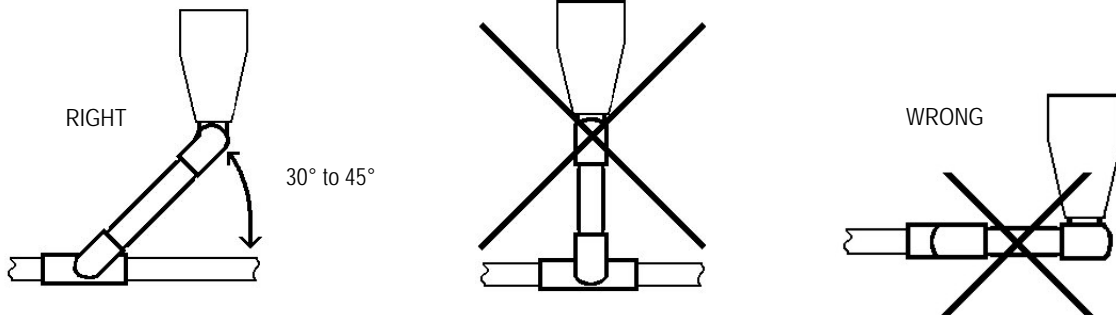




## Schedule 40 Fittings & Accessories Turf Swivel Joints

Turf Swivel Joints, Compact Turf Swivel Joints and Turf Swivel Joint Kits are designed for open discharge systems and are not to be used with valve-in-head sprinklers or quick coupler valves. Can be used with bottom or side sprinklers. Provides 360° adjustment in three planes to place sprinklers at desired locations.

Turf Swivel Joint Assemblies should **NOT** be installed perpendicular or parallel to the supply line.



Turf Swivel Joint and Compact Turf Swivel Joints are pre-assembled from the factory with O-ring threaded joints. Turf Swivel Joint Kits are provided as two assemblies for use with user supplied pipe in solvent welded field assembly. These joints are pre-lubricated and should not be disassembled, as dirt, sand or other foreign objects could damage the O-ring or threads and cause leakage.

Prior to beginning installation, tighten each O-ring thread joint completely, and then back out the male part one full turn to allow the joint to swivel a full 360°.

## Schedule 40 Fittings & Accessories Turf Swivel Kits

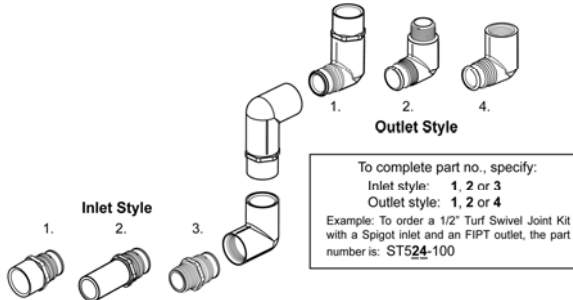


### 3-Elb Swivel Joint Kits

Complete kit for field assembly with any length of user supplied pipe. Kit includes upper and lower Elbow assemblies with choice of the following Inlet & Outlet Options:

**Inlet Code:**  
 1 = Socket  
 2 = Spigot  
 3 = Mipt

**Outlet Code:**  
 1 = Socket  
 2 = Mipt  
 4 = Fipt



### Turf Swivel Joint Kit

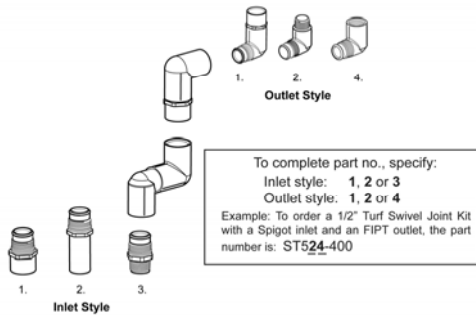
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>3-Elb Swivel Joint Kits</b>					
ST5_-100	1/2	10	0	030	18.63
ST7_-100	3/4	10	0	030	21.03
ST9_-100	1	10	0	030	24.48

### 4-Elb Swivel Joint Kits

Complete kit for field assembly with any length of user supplied pipe. Kit includes upper and lower Elbow assemblies with choice of the following Inlet & Outlet Options:

**Inlet Code:**  
 1 = Socket  
 2 = Spigot  
 3 = Mipt

**Outlet Code:**  
 1 = Socket  
 2 = Mipt  
 4 = Fipt



### 4-Elb Swivel Joint Kits

ST5_-400	1/2	10	0	030	19.78
ST7_-400	3/4	10	0	030	22.21
ST9_-400	1	10	0	030	26.80



## Schedule 40 Fittings & Accessories Turf Swivel Joints

Complete Factory Assembly. Available in sizes 1/2", 3/4" and 1" with the following Lay Length Options:

8" = 8L  
12" = 12L  
15" = 15L  
19" = 19L

Choice of the following Inlet & Outlet Options:

Inlet Code

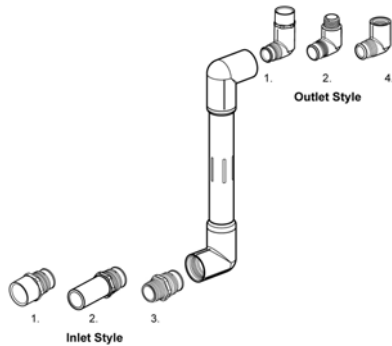
1 = Socket  
2 = Spigot  
3 = Mipt

Outlet Code

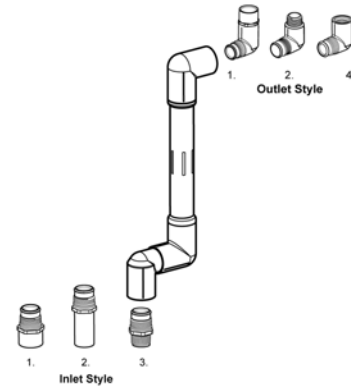
1 = Socket  
2 = Mipt  
4 = Fipt

To complete part no., specify:  
Inlet style: 1, 2, or 3  
Outlet style: 1, 2, or 4  
Example: To order a 1/2" 3-Ell Turf Swivel Joint with an 8" lay length, a Spigot inlet and an FIPT outlet, the part number is: ST5 24 .208

3-Ell Turf Swivel Joint



4-Ell Turf Swivel Joint



### Turf Swivel Joints

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### 3-Ell Turf Swivel Joints

ST5_-208	1/2X8L	10	0	030	29.20
ST5_-212	1/2X12L	10	0	030	29.55
ST5_-215	1/2X15L	10	0	030	30.46
ST5_-219	1/2X19L	10	0	030	31.44
ST7_-208	3/4X8L	10	0	030	31.48
ST7_-212	3/4X12L	10	0	030	32.97
ST7_-215	3/4X15L	10	0	030	33.61
ST7_-219	3/4X19L	10	0	030	34.41
ST9_-208	1X8L	10	0	030	34.67
ST9_-212	1X12L	10	0	030	35.76
ST9_-215	1X15L	10	0	030	36.69
ST9_-219	1X19L	10	0	030	37.95
ST57_-208	1/2X3/4X8L	10	0	030	29.20
ST57_-212	1/2X3/4X12L	10	0	030	29.55
ST57_-215	1/2X3/4X15L	10	0	030	30.46
ST57_-219	1/2X3/4X19L	10	0	030	31.44
ST75_-208	3/4X1/2X8L	10	0	030	31.48
ST75_-212	3/4X1/2X12L	10	0	030	32.97
ST75_-215	3/4X1/2X15L	10	0	030	33.61
ST75_-219	3/4X1/2X19L	10	0	030	33.61

#### 4-Ell Turf Swivel Joints

ST5_-408	1/2X8L	10	0	030	29.83
ST5_-412	1/2X12L	10	0	030	30.18
ST5_-415	1/2X15L	10	0	030	31.02
ST5_-419	1/2X19L	10	0	030	31.93
ST7_-408	3/4X8L	10	0	030	32.11
ST7_-412	3/4X12L	10	0	030	33.53
ST7_-415	3/4X15L	10	0	030	34.17
ST7_-419	3/4X19L	10	0	030	34.90
ST9_-408	1X8L	10	0	030	36.47
ST9_-412	1X12L	10	0	030	37.48
ST9_-415	1X15L	10	0	030	38.39
ST9_-419	1X19L	10	0	030	39.59
ST57_-408	1/2X3/4X8L	10	0	030	29.83
ST57_-412	1/2X3/4X12L	10	0	030	30.18
ST57_-415	1/2X3/4X15L	10	0	030	31.02
ST57_-419	1/2X3/4X19L	10	0	030	31.93
ST75_-408	3/4X1/2X8L	10	0	030	33.61
ST75_-412	3/4X1/2X12L	10	0	030	34.90

### Turf Swivel Joints (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### 4-Ell Turf Swivel Joints

ST75_-415	3/4X1/2X15L	10	0	030	34.90
ST75_-419	3/4X1/2X19L	10	0	030	34.90

## Schedule 40 Fittings & Accessories Compact Turf Swivel Joints



**Factory Assembled**  
**All Inlets are Swivel Male Threads**

**Three Outlet Choices:**

Series ST11 & ST41 = Female Pipe Threads  
Series ST12 & ST42 = Swivel Male Pipe Threads  
Series ST13 & ST43 = Male Pipe Threads

Also available in 1" MBSP inlet x 1" MBSP outlet. Contact Spears® for pricing and availability.

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
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### 3-El Compact Swivel Joints

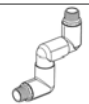
Swivel Mipt x Fipt



ST1105	1/2	10	0	030	18.63
ST1107	3/4	10	0	030	21.03
ST1110	1	10	0	030	24.49

### 3-El Compact Swivel Joints

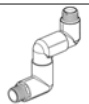
Swivel Mipt x Swivel Mipt



ST1205	1/2	10	0	030	18.63
ST1207	3/4	10	0	030	21.03
ST1210	1	10	0	030	24.49

### 3-El Compact Swivel Joints

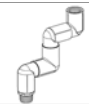
Swivel Mipt x Mipt



ST1305	1/2	10	0	030	18.63
ST1307	3/4	10	0	030	21.03
ST1310	1	10	0	030	24.49

### 4-El Compact Swivel Joints

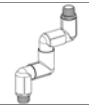
Swivel Mipt x Fipt



ST4105	1/2	10	0	030	19.78
ST4107	3/4	10	0	030	22.21
ST4110	1	10	0	030	26.80

### 4-El Compact Swivel Joints

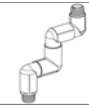
Swivel Mipt x Swivel Mipt



ST4205	1/2	10	0	030	19.78
ST4207	3/4	10	0	030	22.21
ST4210	1	1	10	030	26.80

### 4-El Compact Swivel Joints

Swivel Mipt x Mipt



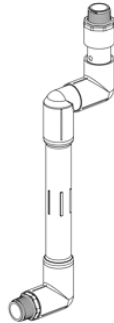
ST4305	1/2	10	0	030	19.78
ST4307	3/4	10	0	030	22.21
ST4310	1	10	0	030	26.80



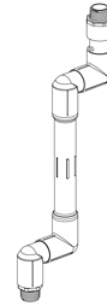
**Schedule 40 Fittings & Accessories  
Pressure Regulated Swivel Joints & Turf Swivel Joint Replacement Parts**

**Pressure Regulated Swivel Joints**

3-El Pressure Regulated Swivel Joint



4-El Pressure Regulated Swivel Joint



**Pressure Regulated Swivel Joints**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>3-El - Mipt x Mipt</b>					
ST73PR-208	3/4X8L	10	0	030	58.31
ST73PR-212	3/4X12L	10	0	030	59.90
ST73PR-215	3/4X15L	10	0	030	60.59
ST73PR-219	3/4X19L	10	0	030	61.41
ST93PR-208	1X8L	10	0	030	63.04
ST93PR-212	1X12L	10	0	030	64.19
ST93PR-215	1X15L	10	0	030	65.19
ST93PR-219	1X19L	10	0	030	66.52

**4-El - Mipt x Mipt**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
ST73PR-408	3/4X8L	10	0	030	61.54
ST73PR-412	3/4X12L	10	0	030	63.15
ST73PR-415	3/4X15L	10	0	030	63.82
ST73PR-419	3/4X19L	10	0	030	64.66
ST93PR-408	1X8L	10	0	030	68.21

**Pressure Regulated Swivel Joints (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>4-El - Mipt x Mipt</b>					
ST93PR-412	1X12L	10	0	030	69.35
ST93PR-415	1X15L	10	0	030	70.35
ST93PR-419	1X19L	10	0	030	71.67

Complete Factory Assembly. Available in sizes 3/4" and 1" with Mipt Inlet x Mipt Outlet and the following Lay Length Options:

- 8" = 8L
- 12" = 12L
- 15" = 15L
- 19" = 19L

Maintains constant, uniform pressure to sprinkler at the following pre-set nominal values:

- 45 psi for 3/4" Turf Swivel Joint
- 70 psi for 1" Turf Swivel Joint

Not recommended for use in systems with pressures equal to or less than regulated pressures above.

Pressure Rating @ 73°F (23°C), Water 315 psi

**Turf Swivel Joint Replacement Parts**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Coupling FAT x FAT</b>					
ST430-007	3/4	1	200	030	6.15
ST430-010	1	1	250	030	8.17



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>90° Elbow FAT x FAT</b>					
ST1101-005	1/2	1	300	030	3.55
ST1101-007	3/4	1	250	030	4.10
ST1101-101	3/4X1/2	1	270	030	3.74
ST1101-010	1	1	175	030	6.76



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>90° Elbow FAT x SOC</b>					
ST1102-005	1/2	1	350	030	3.55
ST1102-007	3/4	1	250	030	4.10
ST1102-010	1	1	160	030	6.76



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>90° Street El MAT x FAT</b>					
ST425-005	1/2	1	200	030	5.17
ST425-007	3/4	1	300	030	5.52
ST425-010	1	1	200	030	7.68



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket Inlet #1 SOC x MAT</b>					
ST436-005	1/2	1	350	030	3.32
ST436-007	3/4	50	0	030	3.67
ST436-010	1	1	330	030	6.88



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Spigot Inlet #2 SPG x MAT</b>					
ST105-035	1/2	1	350	030	3.53
ST107-035	3/4	1	50	030	3.95
ST110-040	1	1	140	030	7.20



**Schedule 40 Fittings & Accessories  
Turf Swivel Joint Replacement Parts**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Male Thread Outlet #2**  
MAT x Mipt



ST408-005	1/2	1	250	030	5.17
ST408-007	3/4	1	25	030	5.52
ST408-010	1	1	150	030	8.17

**Female Thread Outlet #4**  
MAT x Fipt



ST412-005	1/2	1	250	030	5.17
ST412-007	3/4	1	300	030	5.52
ST412-010	1	1	200	030	7.68

**Molded Nipples**  
MAT x MAT



ST207-065	3/4X6-1/2	1	200	030	7.31
ST207-105	3/4X10-1/2	1	115	030	16.84
ST210-065	1X6-1/2	1	120	030	9.40
ST210-105	1X10-1/2	1	25	030	22.27

**O-ring Seal**



B-113	1/2	100	0	901	.07
B-115	3/4	100	0	901	.07
B-120	1	100	0	901	.17





## Schedule 40 Fittings & Accessories Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange Van Stone Style Flange x PIP Soc



125 psi Maximum Internal Pressure Rating @ 73°F (23°C)

354-060F	<b>6X6.140</b>	1	4	320	126.99
354-080F	<b>8X8.160</b>	1	2	320	192.30
354-100F	<b>10X10.200</b>	1	2	320	270.38
354-120F	<b>12X12.240</b>	1	2	320	391.60
354-150F	<b>14X15.300</b>	1	0	320	1043.82
354-151F	<b>16X15.300</b>	1	0	320	1190.79
354-181F	<b>18X18.701</b>	1	0	320	1809.00
354-182F	<b>18X18.360</b>	1	0	320	1809.00
354-201F	<b>20X22.047</b>	1	0	320	2755.48
354-241F	<b>24X24.803</b>	1	0	320	4035.33

For more information, refer to 80, 100 & 125 psi PIP Fabrication Fittings.

PIP = Plastic Irrigation Pipe (dimensions are NOT the same as IPS dimensions)

Sizes 6" - 16" are furnished with plastic ring.  
Sizes 18" - 24" are furnished with steel ring.

### Flange One Piece Soc



1/2" - 16" 150 psi Maximum Internal Pressure Rating @73°F (23°C)  
18" - 24" 50 psi Maximum Internal Pressure Rating @73°F (23°C)

851-005	<b>1/2</b>	25	0	080	17.20
851-007	<b>3/4</b>	25	0	080	18.38
851-010	<b>1</b>	15	0	080	20.47
851-012	<b>1-1/4</b>	15	0	080	21.09
851-015	<b>1-1/2</b>	20	0	080	21.55
851-020	<b>2</b>	10	0	080	28.68
851-025	<b>2-1/2</b>	10	0	080	44.27
851-030	<b>3</b>	10	0	080	48.89
851-040	<b>4</b>	5	0	080	61.90
851-050	<b>5</b>	5	0	080	97.33
851-060	<b>6</b>	5	0	080	97.33
851-080	<b>8</b>	2	0	080	174.16
851-100F	<b>10</b>	1	2	083	473.27
851-120F	<b>12</b>	1	0	083	574.71
851-140F	<b>14</b>	1	0	083	1057.02
851-160F	<b>16</b>	1	0	083	1450.64
851-180F	<b>18</b>	1	0	083	3068.69
851-200F	<b>20</b>	1	0	083	3757.83
851-240F	<b>24</b>	1	0	083	4990.84

### Flange One Piece Fipt



150 psi Maximum Internal Pressure Rating @73°F (23°C)

852-005	<b>1/2</b>	25	0	080	20.59
852-007	<b>3/4</b>	25	0	080	24.12
852-010	<b>1</b>	15	0	080	26.41
852-012	<b>1-1/4</b>	15	0	080	36.41
852-015	<b>1-1/2</b>	20	0	080	39.74
852-020	<b>2</b>	10	0	080	40.64
852-025	<b>2-1/2</b>	10	0	080	93.44
852-030	<b>3</b>	10	0	080	96.18
852-040	<b>4</b>	5	0	080	180.71
852-060F	<b>6</b>	1	5	083	217.09
852-080F	<b>8</b>	1	2	083	544.84

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Flange One Piece Threaded SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @73°F (23°C)

852-005SR	<b>1/2</b>	25	0	086	11.31
852-007SR	<b>3/4</b>	25	0	086	13.29
852-010SR	<b>1</b>	15	0	086	14.53
852-012SR	<b>1-1/4</b>	15	0	086	20.02
852-015SR	<b>1-1/2</b>	15	0	086	21.91
852-020SR	<b>2</b>	10	0	086	22.44
852-025SR	<b>2-1/2</b>	10	0	086	51.39
852-030SR	<b>3</b>	10	0	086	52.91
852-040SR	<b>4</b>	5	0	086	99.46

### Blind Flange



1/2" - 12" Molded - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
14" - 24" Fabricated - 50 psi Maximum Internal Pressure Rating @ 73°F (23°C)

853-005	<b>1/2</b>	25	0	080	24.11
853-007	<b>3/4</b>	25	0	080	28.72
853-010	<b>1</b>	15	0	080	39.23
853-012	<b>1-1/4</b>	20	0	080	48.15
853-015	<b>1-1/2</b>	15	0	080	48.15
853-020	<b>2</b>	10	0	080	71.94
853-025	<b>2-1/2</b>	10	0	080	117.21
853-030	<b>3</b>	10	0	080	141.45
853-040	<b>4</b>	8	0	080	176.21
853-050F	<b>5</b>	1	5	083	441.70
853-060	<b>6</b>	5	0	080	214.13
853-080	<b>8</b>	5	0	080	268.02
853-100	<b>10</b>	3	0	081	448.18
853-120	<b>12</b>	2	0	081	698.01
853-140F	<b>14</b>	1	0	083	1327.90
853-160F	<b>16</b>	1	0	083	1574.63
853-180F	<b>18</b>	1	0	083	1770.89
853-200F	<b>20</b>	1	0	083	2862.36
853-240F	<b>24</b>	1	0	083	3816.12

### Flange Van Stone Style with PVC Ring Soc



1/2" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)  
18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

854-005	<b>1/2</b>	25	0	080	17.18
854-007	<b>3/4</b>	25	0	080	18.37
854-010	<b>1</b>	15	0	080	20.46
854-012	<b>1-1/4</b>	15	0	080	21.07
854-015	<b>1-1/2</b>	20	0	080	21.50
854-020	<b>2</b>	10	0	080	28.63
854-025	<b>2-1/2</b>	10	0	080	44.22
854P-030	<b>3</b>	10	0	080	48.87
854P-040	<b>4</b>	5	0	080	61.82
854P-050	<b>5</b>	5	0	080	97.24
854P-060	<b>6</b>	5	0	080	97.24
854P-080	<b>8</b>	2	0	080	158.35
854P-100	<b>10</b>	2	0	081	205.00
854P-120	<b>12</b>	2	0	081	221.03
854P-140	<b>14</b>	1	0	081	853.30
854P-160	<b>16</b>	1	0	081	1141.33
854P-180	<b>18</b>	1	0	081	1840.81
854-180FP	<b>18</b>	1	0	083	2912.47

## Schedule 40 Fittings & Accessories Pipe Flanges



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange Van Stone Style with PVC Ring (continued)

Soc

854-200FP	20	1	0	083	3562.39
854-240FP	24	1	0	083	4846.02

### Flange Van Stone Style with Glass Filled PVC Ring

Soc

3" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

854-030	3	10	0	080	48.87
854-040	4	5	0	080	61.82
854-050	5	5	0	080	97.24
854-060	6	5	0	080	97.24
854-080	8	2	0	080	158.35
854-100	10	2	0	081	205.00
854-120	12	2	0	081	221.03
854-140	14	1	0	081	853.30
854-160	16	1	0	081	1141.33
854-180	18	1	0	081	1840.81

18" flange has 4-section ring

### Flange Van Stone Style Class 300 Bolt Pattern Fabricated with PVC Ring

Soc

1/2" - 16" molded with fab ring - 150 psi = maximum internal pressure rating @ 73°F (23°C)

18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

854-005CL300	1/2	1	25	083	141.21
854-007CL300	3/4	1	25	083	164.07
854-010CL300	1	1	15	083	257.80
854-012CL300	1-1/4	1	15	083	263.24
854-015CL300	1-1/2	1	20	083	273.44
854-020CL300	2	10	0	083	287.90
854-025CL300	2-1/2	1	10	083	316.12
854-030CL300	3	1	10	083	347.18
854-040CL300	4	1	3	083	588.69
854-060CL300	6	1	4	083	1121.23
854-080CL300	8	1	3	083	1276.26
854-100CL300	10	1	2	083	1502.52
854-120CL300	12	1	0	083	1925.03
854-140CL300	14	1	0	083	2122.53
854-160CL300	16	1	0	083	2210.38
854-180CL300	18	1	0	083	3090.45
854-200CL300	20	1	0	083	4012.82
854-240CL300	24	1	0	083	5087.14

### Flange Van Stone Style with PVC Ring

Spig

1/2" - 12" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

20" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

856-005	1/2	25	0	080	17.27
856-007	3/4	25	0	080	18.51
856-010	1	15	0	080	20.63
856-012	1-1/4	15	0	080	21.28
856-015	1-1/2	15	0	080	21.71
856-020	2	10	0	080	28.85
856-025	2-1/2	10	0	080	44.59
856P-030	3	10	0	080	49.26
856P-040	4	5	0	080	62.33
856P-060	6	4	0	080	98.04
856P-080	8	2	0	080	175.38

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange Van Stone Style with PVC Ring (continued)

Spig

856P-100	10	2	0	081	205.00
856P-120	12	2	0	081	221.03
856-200FP	20	1	0	083	3562.39
856-240FP	24	1	0	083	4846.02

### Flange Van Stone Style with Glass Filled PVC Ring

Spig

3" - 12" molded, 14" - 18" molded/fabricated - 150 psi = maximum internal pressure rating @ 73°F (23°C)

856-030	3	10	0	080	49.26
856-040	4	5	0	080	62.33
856-060	6	4	0	080	98.04
856-080	8	2	0	080	175.38
856-100	10	2	0	081	205.00
856-120	12	2	0	081	221.03
856-140FP**	14	1	0	083	1830.60
856-160FP**	16	1	0	083	2221.02
856-180FP**	18	1	0	083	2912.47

\*\* Fabricated from molded socket flanges with pipe spigot.

18" flange uses 4-piece ring

### Flange Van Stone Style with Steel Ring

Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

854-180FS	18	1	0	083	1719.40
854-200FS	20	1	0	083	2083.53
854-240FS	24	1	0	083	2804.11

### Flange Van Stone Style with Steel Ring

Spig

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

856-140FS	14	1	0	083	926.46
856-160FS	16	1	0	083	1132.41
856-180FS	18	1	0	083	1283.14
856-200FS	20	1	0	083	1545.53
856-240FS	24	1	0	083	2098.65

### Flange Van Stone Style PVC with Solid Ring

Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

S854-020	2	10	0	080	35.80
S854-030	3	10	0	080	61.10
S854-040	4	5	0	080	77.29

### Flange Van Stone Style PVC with Glass Filled PVC Solid Ring

Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

S854-060	6	5	0	080	121.57
S854-080	8	2	0	080	197.93
S854-100	10	2	0	081	256.24
S854-120	12	2	0	081	276.26

### Flange Van Stone Style with PVC Ring

ASTM Soc x Multi-bolt Pattern Ring

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M854-020	2	10	0	080	28.63
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## Schedule 40 Fittings & Accessories Pipe Flanges & Flange Bolt Kits

### Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Flange Van Stone Style with PVC Ring (continued) ASTM Soc x Multi-bolt Pattern Ring

\* Hubs fit 2", 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

#### Flange Van Stone Style with Glass Filled PVC Ring

ASTM Soc x Multi-bolt Pattern Ring

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M854-060	6	5	0	080	97.24
M854-080	8	2	0	080	158.35

\* Hubs fit 2", 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.



#### Flange Van Stone Style with PVC Ring

ASTM Spig x Multi-bolt Pattern Ring

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M856-020	2	10	0	080	28.85
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\* Spigots fit 2", 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.



#### Flange Van Stone Style with Glass Filled PVC Ring

ASTM Spig x Multi-bolt Pattern Ring

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M856-060	6	4	0	080	98.04
M856-080	8	2	0	080	159.54



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Flange Van Stone Style with Glass Filled PVC Ring (continued) ASTM Spig x Multi-bolt Pattern Ring

\* Spigots fit 2", 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

#### Flange Van Stone Style with PVC Ring Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

855-005	1/2	25	0	080	20.55
855-007	3/4	25	0	080	24.11
855-010	1	15	0	080	26.37
855-012	1-1/4	15	0	080	36.35
855-015	1-1/2	20	0	080	39.70
855-020	2	10	0	080	40.62
855-025	2-1/2	10	0	080	93.38



#### Flange Van Stone Style with Glass Filled PVC Ring Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

855-030	3	10	0	080	96.05
855-040	4	5	0	080	174.64
855-060	6	1	4	080	274.64
855-060F	6	1	4	083	244.12
855-080	8	2	0	080	340.33
855-080F	8	1	2	083	302.88
855-100F	10	1	2	083	341.23



### Flange Bolt Kits

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Bolt Kit Selection Guide

Order Gaskets & Bolt Kits Separately

- Kit Contains All Bolts, Nuts, & Flat Washers for Specified Flange Size
- For Connecting Two (2) Mating Spears® Flanges
- Pre-coated, Anti-seize Lubricated Bolts
- Available in Zinc Coated Steel, Type 304 Stainless Steel or Type 316 Stainless Steel

Flange Size	Bolts* Per Kit	Diameter (in.-TPI)	Length (in.)	Hardware Kit Part Number		
				Zinc	316 SS	304 SS
1/2 & 3/4	4	1/2-13	2	HK-005	HK1-005	HK2-005
1 & 1-1/4	4	1/2-13	2-1/4	HK-010	HK1-010	HK2-010
1-1/2	4	1/2-13	2-1/2	HK-015	HK1-015	HK2-015
2	4	5/8-11	3	HK-020	HK1-020	HK2-020
2-1/2	4	5/8-11	3-1/4	HK-025	HK1-025	HK2-025
3	4	5/8-11	3-1/2	HK-030	HK1-030	HK2-030
4	8	5/8-11	3-1/2	HK-040	HK1-040	HK2-040
5 & 6	8	3/4-10	4	HK-060	HK1-060	HK2-060
8	8	3/4-10	4-1/2	HK-080	HK1-080	HK2-080
10 & 12	12	7/8-9	5	HK-120	HK1-120	HK2-120

\*Each Bolt Includes Nut & Two (2) Flat Washers

#### Zinc Plated Steel Flange Bolt Hardware Kits

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers



HK-005	1/2	1	10	017	9.53
HK-010	3/4 & 1	1	10	017	11.91
HK-015	1-1/4 & 1-1/2	1	10	017	17.91
HK-020	2	1	10	017	23.97
HK-025	2-1/2	1	10	017	28.74
HK-030	3	1	10	017	33.07
HK-040	4	1	5	017	68.51

**Schedule 40 Fittings & Accessories**  
**Flange Bolt Kits & Full-Faced Flange Gaskets**



**Flange Bolt Kits**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Zinc Plated Steel Flange Bolt Hardware Kits (continued)**  
 For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK-020	2	1	10	017	23.97
HK-025	2-1/2	1	10	017	28.74
HK-030	3	1	10	017	33.07
HK-040	4	1	5	017	68.51
HK-060	5 & 6	1	5	017	76.20
HK-080	8	1	0	017	89.30
HK-120	10 & 12	1	0	017	120.82

**Type 316 Stainless Steel Flange Bolt Hardware Kits**

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK1-005	1/2	1	10	017	28.60
HK1-010	3/4 & 1	1	10	017	41.20
HK1-015	1-1/4 & 1-1/2	1	10	017	45.39
HK1-020	2	1	10	017	54.59
HK1-025	2-1/2	1	10	017	58.51
HK1-030	3	1	10	017	77.20
HK1-040	4	1	5	017	154.81



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Type 316 Stainless Steel Flange Bolt Hardware Kits (continued)**

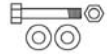
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK1-060	5 & 6	1	5	017	201.91
HK1-080	8	1	0	017	253.36
HK1-120	10 & 12	1	0	017	515.45

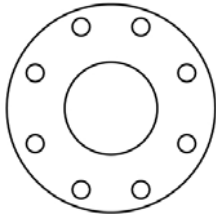
**Type 304 Stainless Steel Flange Bolt Hardware Kits**

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK2-005	1/2	1	10	017	25.02
HK2-010	3/4 & 1	1	10	017	35.69
HK2-015	1-1/4 & 1-1/2	1	10	017	42.05
HK2-020	2	1	10	017	49.46
HK2-025	2-1/2	1	10	017	52.44
HK2-030	3	1	10	017	65.12
HK2-040	4	1	5	017	130.24
HK2-060	5 & 6	1	5	017	137.28
HK2-080	8	1	0	017	180.52
HK2-120	10 & 12	1	0	017	319.94



**Full-Faced Flange Gaskets**  
**Gasket Selection Guide**



Order Gaskets & Bolt Kits Separately

- 1/8" Full-Face design with ANSI Class 150 Bolt Patterns
- Pressure rated to 150 psi @ 73°F
- Available in Buna-N, EPDM, or Viton® (FKM)

Flange Size	Bolt Holes	Gasket Part Number		
		Buna-N	EPDM	FKM
1/2	4	GK1-005	GK2-005	GK3-005
3/4	4	GK1-007	GK2-007	GK3-007
1	4	GK1-010	GK2-010	GK3-010
1-1/4	4	GK1-012	GK2-012	GK3-012
1-1/2	4	GK1-015	GK2-015	GK3-015
2	4	GK1-020	GK2-020	GK3-020
2-1/2	4	GK1-025	GK2-025	GK3-025
3	4	GK1-030	GK2-030	GK3-030
4	8	GK1-040	GK2-040	GK3-040
5	8	GK1-050	GK2-050	GK3-050
6	8	GK1-060	GK2-060	GK3-060
8	8	GK1-080	GK2-080	GK3-080
10	12	GK1-100	GK2-100	GK3-100
12	12	GK1-120	GK2-120	GK3-120

**Buna-N Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK1-005	1/2	1	25	017	3.06
GK1-007	3/4	1	25	017	3.51
GK1-010	1	1	25	017	3.61
GK1-012	1-1/4	1	25	017	3.70
GK1-015	1-1/2	1	25	017	3.97
GK1-020	2	1	25	017	4.44
GK1-025	2-1/2	1	25	017	4.88
GK1-030	3	1	25	017	7.51
GK1-040	4	1	25	017	8.40
GK1-050	5	1	25	017	9.96
GK1-060	6	1	25	017	10.23
GK1-080	8	1	25	017	13.49
GK1-100	10	1	25	017	17.12
GK1-120	12	1	25	017	23.09

**EPDM Full-Faced Flange Gaskets (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK2-010	1	1	25	017	4.51
GK2-012	1-1/4	1	25	017	4.74
GK2-015	1-1/2	1	25	017	5.09
GK2-020	2	1	25	017	6.21
GK2-025	2-1/2	1	25	017	7.46
GK2-030	3	1	25	017	10.96
GK2-040	4	1	25	017	12.48
GK2-050	5	1	25	017	15.61
GK2-060	6	1	25	017	16.38
GK2-080	8	1	25	017	21.82
GK2-100	10	1	25	017	28.43
GK2-120	12	1	25	017	39.12

**Viton® (FKM) Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK3-005	1/2	1	25	017	14.49
GK3-007	3/4	1	25	017	17.20
GK3-010	1	1	25	017	19.01
GK3-012	1-1/4	1	5	017	21.46

**EPDM Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK2-005	1/2	1	25	017	4.06
GK2-007	3/4	1	25	017	4.32

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Schedule 40 Fittings & Accessories  
Full-Faced Flange Gaskets

**Viton® (FKM) Full-Faced Flange Gaskets (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK3-015	1-1/2	1	25	017	27.07
GK3-020	2	1	25	017	37.84
GK3-025	2-1/2	1	25	017	50.61
GK3-030	3	1	25	017	113.09
GK3-040	4	1	25	017	130.55
GK3-050	5	1	25	017	152.19
GK3-060	6	1	25	017	172.66
GK3-080	8	1	25	017	245.99
GK3-100	10	1	25	017	327.20
GK3-120	12	1	25	017	461.02

**Schedule 40 Fittings & Accessories**  
**True Union 2000 Standard Ball Valve - PVC White & True Union 2000 Standard Ball Valves**



**True Union 2000 Standard Ball Valve - PVC White**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White True Union 2000 Standard Ball Valve**



**Socket Ends - EPDM O-rings**

Pressure Rating @73° F (23° C) = 235 psi  
 Maximum Service Pressure = 140° F (60° C)  
 Temperature/Pressure De-ratings Apply

3622-015W	<b>1-1/2</b>	1	8	608	88.68
3622-020W	<b>2</b>	1	8	608	117.02

Check with Spears® for additional size availability

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC White True Union 2000 Standard Ball Valves**



**SR Threaded Ends - EPDM O-rings**

Pressure Rating @73° F (23° C) = 235 psi  
 Maximum Service Pressure = 140° F (60° C)  
 Temperature/Pressure De-ratings Apply

3621-015WSR	<b>1-1/2</b>	1	8	608	94.98
3621-020WSR	<b>2</b>	1	8	608	123.83

Check with Spears® for additional size availability

**True Union 2000 Standard Ball Valves**



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" = 235 psi  
 2-1/2" - 4" = 150 psi  
 Flanged = 150 psi

Maximum Service Temperature  
 PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**PVC Standard**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	3629-005	3639-005	1	18	608
	<b>37.78</b>	<b>42.02</b>			
<b>3/4</b>	3629-007	3639-007	1	18	608
	<b>44.68</b>	<b>49.70</b>			
<b>1</b>	3629-010	3639-010	1	12	608
	<b>53.22</b>	<b>59.28</b>			
<b>1-1/4</b>	3629-012	3639-012	1	8	608
	<b>73.61</b>	<b>93.96</b>			
<b>1-1/2</b>	3629-015	3639-015	1	8	608
	<b>88.68</b>	<b>98.44</b>			
<b>2</b>	3629-020	3639-020	1	4	608
	<b>117.02</b>	<b>128.84</b>			

**Socket Ends**

<b>2-1/2</b>	3622-025	3632-025	1	0	609
	<b>224.15</b>	<b>304.76</b>			
<b>3</b>	3622-030	3632-030	1	0	609
	<b>296.53</b>	<b>329.47</b>			
<b>4</b>	3622-040	3632-040	1	0	609
	<b>500.87</b>	<b>556.71</b>			

**Threaded Ends**

<b>2-1/2</b>	3621-025	3631-025	1	0	609
	<b>224.15</b>	<b>304.76</b>			
<b>3</b>	3621-030	3631-030	1	0	609
	<b>296.53</b>	<b>329.47</b>			
<b>4</b>	3621-040	3631-040	1	0	609
	<b>500.87</b>	<b>556.71</b>			

**SR Threaded Ends**

<b>1/2</b>	3621-005SR	3631-005SR	1	18	608
	<b>38.60</b>	<b>42.83</b>			
<b>3/4</b>	3621-007SR	3631-007SR	1	18	608
	<b>46.61</b>	<b>51.67</b>			
<b>1</b>	3621-010SR	3631-010SR	1	18	608
	<b>55.16</b>	<b>61.22</b>			
<b>1-1/4</b>	3621-012SR	3631-012SR	1	12	608
	<b>79.49</b>	<b>99.83</b>			
<b>1-1/2</b>	3621-015SR	3631-015SR	1	8	608
	<b>94.98</b>	<b>104.73</b>			
<b>2</b>	3621-020SR	3631-020SR	1	8	608
	<b>123.83</b>	<b>135.67</b>			

**PVC Standard (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	3621-025SR	3631-025SR	1	0	609
	<b>243.30</b>	<b>323.13</b>			
<b>3</b>	3621-030SR	3631-030SR	1	0	609
	<b>314.94</b>	<b>347.86</b>			
<b>4</b>	3621-040SR	3631-040SR	1	0	609
	<b>522.50</b>	<b>578.17</b>			

**Spigot Ends**

<b>1/2</b>	3627-005	3637-005	1	18	608
	<b>37.78</b>	<b>42.02</b>			
<b>3/4</b>	3627-007	3637-007	1	18	608
	<b>44.68</b>	<b>49.70</b>			
<b>1</b>	3627-010	3637-010	1	12	608
	<b>53.22</b>	<b>59.28</b>			
<b>1-1/4</b>	3627-012	3637-012	1	12	608
	<b>73.61</b>	<b>93.96</b>			
<b>1-1/2</b>	3627-015	3637-015	1	8	608
	<b>88.68</b>	<b>98.44</b>			
<b>2</b>	3627-020	3637-020	1	8	608
	<b>117.02</b>	<b>128.84</b>			
<b>2-1/2</b>	3627-025	3637-025	1	0	609
	<b>224.90</b>	<b>304.76</b>			
<b>3</b>	3627-030	3637-030	1	0	609
	<b>296.53</b>	<b>329.47</b>			
<b>4</b>	3627-040	3637-040	1	0	609
	<b>500.87</b>	<b>556.71</b>			

**Flanged Ends**

<b>1/2</b>	3623-005	3633-005	1	8	608
	<b>54.03</b>	<b>57.62</b>			
<b>3/4</b>	3623-007	3633-007	1	8	608
	<b>68.45</b>	<b>74.44</b>			
<b>1</b>	3623-010	3633-010	1	8	608
	<b>82.82</b>	<b>89.06</b>			
<b>1-1/4</b>	3623-012	3633-012	1	4	608
	<b>97.23</b>	<b>108.07</b>			
<b>1-1/2</b>	3623-015	3633-015	1	4	608
	<b>122.48</b>	<b>133.28</b>			
<b>2</b>	3623-020	3633-020	1	0	608
	<b>195.02</b>	<b>206.85</b>			

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Schedule 40 Fittings & Accessories  
True Union 2000 Standard Ball Valves

PVC Standard (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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Flanged Ends

<b>2-1/2</b>	3623-025 <b>360.18</b>	3633-025 <b>366.14</b>	1	0	609
<b>3</b>	3623-030 <b>373.23</b>	3633-030 <b>494.27</b>	1	0	609
<b>4</b>	3623-040 <b>800.44</b>	3633-040 <b>927.83</b>	1	0	609

**Schedule 40 Fittings & Accessories  
CWV Ball Valves & Utility Ball Valves**



**CWV Ball Valves**



**A Combination of Economy & Quality - Made in the U.S.A.  
For Greater Value in a General Purpose Cold Water Valve**

Pressure Rating @ 73°F (23°C), Water = 125 psi

You don't have to go overseas to find an economical general purpose ball valve! Spears® CWV BALL VALVES are produced in the U.S.A. with Spears® high quality construction and NSF® Certified for potable water service. Designed for use with cold water, these PVC valves may be suitable for some applications previously handled by Spears® Utility Valves. Available in IPS sizes 1/2" through 2" with a Full 1-Year Warranty.

**CWV PVC Ball Valve**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Socket Ends**

8722-005	1/2	50	0	204	8.01
8722-007	3/4	25	0	204	9.50
8722-010	1	25	0	204	12.92
8722-012	1-1/4	20	0	204	17.13
8722-015	1-1/2	20	0	204	26.14
8722-020	2	10	0	204	33.04

**CWV PVC Ball Valve**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Threaded Ends**

8721-005	1/2	50	0	204	9.89
8721-007	3/4	25	0	204	11.73
8721-010	1	25	0	204	15.96
8721-012	1-1/4	20	0	204	21.14
8721-015	1-1/2	20	0	204	32.27
8721-020	2	10	0	204	40.79

**Utility Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
1/2" - 6" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant

**PVC w/EPDM O-ring Seal**

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
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**PVC White**

1/2	2621-005 8.90	2622-005 8.90	50	0	215
3/4	2621-007 10.56	2622-007 10.56	25	0	215
1	2621-010 14.36	2622-010 14.36	25	0	215
1-1/4	2621-012 19.03	2622-012 19.03	20	0	215
1-1/2	2621-015 29.04	2622-015 29.04	20	0	215
2	2621-020 36.71	2622-020 36.71	8	0	215
2-1/2	2621-025 62.83	2622-025 62.83	6	0	214
3	2621-030 112.69	2622-030 112.69	1	4	214
4	2621-040 206.54	2622-040 206.54	1	0	214
6 (Lever Handle)	---	2622-060 333.22	1	0	214

**PVC Gray**

1/2	2621-005G 8.90	2622-005G 8.90	50	0	215
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**PVC w/EPDM O-ring Seal (continued)**

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
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**PVC Gray**

3/4	2621-007G 10.56	2622-007G 10.56	25	0	215
1	2621-010G 14.36	2622-010G 14.36	25	0	215
1-1/4	2621-012G 19.03	2622-012G 19.03	20	0	215
1-1/2	2621-015G 29.04	2622-015G 29.04	20	0	215
2	2621-020G 36.71	2622-020G 36.71	8	0	215
2-1/2	2621-025G 62.83	2622-025G 62.83	6	0	214
3	2621-030G 112.69	2622-030G 112.69	1	4	214
4	2621-040G 206.54	2622-040G 206.54	1	0	214

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS  
Progressive Products from Spears® Innovation and Technology**



## Schedule 40 Fittings & Accessories Single Entry Ball Valves



PVC White – Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 3" - 4" 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free, Water Soluble Lubricant.  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

### PVC White

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Threaded Ends

1/2	2411-005W 18.07	2421-005W 20.04	2431-005W 22.29	10	120	240
3/4	2411-007W 24.46	2421-007W 25.22	2431-007W 28.03	10	80	240
1	2411-010W 26.70	2421-010W 29.66	2431-010W 32.98	10	0	240
1-1/4	2411-012W 37.13	2421-012W 41.29	2431-012W 45.87	6	0	240
1-1/2	2411-015W 48.13	2421-015W 55.88	2431-015W 60.59	5	0	240
2	2411-020W 54.18	2421-020W 60.14	2431-020W 66.85	5	0	240
3	2411-030W 197.05	2421-030W 244.45	2431-030W 281.85	1	0	240
4	2411-040W 416.55	2421-040W 458.93	2431-040W 498.88	1	0	240

#### Socket Ends

1/2	2412-005W 18.07	2422-005W 20.04	2432-005W 22.29	10	120	240
3/4	2412-007W 24.46	2422-007W 25.22	2432-007W 28.03	10	80	240
1	2412-010W 26.70	2422-010W 29.66	2432-010W 32.98	10	0	240
1-1/4	2412-012W 37.13	2422-012W 41.29	2432-012W 45.87	6	0	240
1-1/2	2412-015W 48.13	2422-015W 55.88	2432-015W 60.60	5	0	240
2	2412-020W 54.18	2422-020W 60.14	2432-020W 66.85	5	0	240
3	2412-030W 197.05	2422-030W 244.45	2432-030W 281.85	1	0	240
4	2412-040W 416.55	2422-040W 458.93	2432-040W 498.88	1	0	240

**Schedule 40 Fittings & Accessories**  
**Electro Actuated True Union 2000 Standard Ball Valve & Electro Actuated Compact 2000 Ball Valve**



General Purpose True Union design, 1/4-turn shutoff. Basic On-Off operation.

- Blocked Seal Carrier
- PTFE/HDPE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

**PVC Electro Actuated True Union 2000 Standard Ball Valve**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1453-005 <b>446.24</b>	E1451-005SR <b>447.06</b>	E1457-005 <b>549.01</b>	E1454-005 <b>491.70</b>	E1452-005SR <b>492.62</b>	E1458-005 <b>604.90</b>	500
<b>3/4</b>	E1453-007 <b>455.98</b>	E1451-007SR <b>457.83</b>	E1457-007 <b>575.90</b>	E1454-007 <b>509.32</b>	E1452-007SR <b>511.19</b>	E1458-007 <b>641.77</b>	500
<b>1</b>	E1453-010 <b>469.69</b>	E1451-010SR <b>469.69</b>	E1457-010 <b>601.24</b>	E1454-010 <b>520.70</b>	E1452-010SR <b>522.72</b>	E1458-010 <b>666.63</b>	500
<b>1-1/4</b>	E1553-012 <b>481.07</b>	E1551-012SR <b>486.85</b>	E1557-012 <b>625.50</b>	E1554-012 <b>555.10</b>	E1552-012SR <b>560.78</b>	E1558-012 <b>721.55</b>	500
<b>1-1/2</b>	E1553-015 <b>508.94</b>	E1551-015SR <b>515.09</b>	E1557-015 <b>656.51</b>	E1554-015 <b>569.63</b>	E1552-015SR <b>575.90</b>	E1558-015 <b>734.94</b>	500
<b>2</b>	E1553-020 <b>539.27</b>	E1551-020SR <b>545.95</b>	E1557-020 <b>722.66</b>	E1554-020 <b>599.59</b>	E1552-020SR <b>605.88</b>	E1558-020 <b>803.50</b>	500



General purpose industrial grade sealed unit design, 1/4-turn shutoff. Basic On-Off operation.

- Maintenance-free
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

**PVC Electro Actuated Compact 2000 Ball Valve**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket	Thread	Flanged	Socket	Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1404-005 <b>429.98</b>	E1406-005 <b>429.98</b>	E1408-005 <b>529.55</b>	E1405-005 <b>473.87</b>	E1407-005 <b>473.87</b>	E1409-005 <b>558.44</b>	496
<b>3/4</b>	E1404-007 <b>440.52</b>	E1406-007 <b>440.52</b>	E1408-007 <b>556.85</b>	E1405-007 <b>489.59</b>	E1407-007 <b>489.59</b>	E1409-007 <b>585.88</b>	496
<b>1</b>	E1404-010 <b>448.43</b>	E1406-010 <b>448.43</b>	E1408-010 <b>574.03</b>	E1405-010 <b>497.36</b>	E1407-010 <b>497.36</b>	E1409-010 <b>603.51</b>	496
<b>1-1/4</b>	E1504-012 <b>464.26</b>	E1506-012 <b>464.26</b>	E1508-012 <b>604.67</b>	E1505-012 <b>524.65</b>	E1507-012 <b>524.65</b>	E1509-012 <b>636.57</b>	496
<b>1-1/2</b>	E1504-015 <b>477.48</b>	E1506-015 <b>477.48</b>	E1508-015 <b>616.00</b>	E1505-015 <b>534.86</b>	E1507-015 <b>534.86</b>	E1509-015 <b>652.10</b>	496
<b>2</b>	E1504-020 <b>498.54</b>	E1506-020 <b>498.54</b>	E1508-020 <b>670.26</b>	E1505-020 <b>556.05</b>	E1507-020 <b>556.05</b>	E1509-020 <b>707.51</b>	496



**Schedule 40 Fittings & Accessories**  
**Utility Swing Check Valves & True Union Utility Swing Check Valves**

**Utility Swing Check Valves**



Socket/Threaded



Compression End



Socket/Threaded

Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
 Maximum Service Temperature  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 EPDM Seat

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

**PVC White Swing Check**

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Disc Code
1/2	S1520-05 15.85	S1520-05F 15.85	S1520-05FSR 18.49	35	0	026
3/4	S1520-07 16.36	S1520-07F 16.36	S1520-07FSR 20.12	35	0	026
1	S1520-10 17.04	S1520-10F 17.04	S1520-10FSR 22.28	20	0	026
1-1/4	S1520-12 17.70	S1520-12F 17.70	S1520-12FSR 26.11	12	0	026
1-1/2	S1520-15 18.76	S1520-15F 18.76	S1520-15FSR 33.12	12	0	026
2	S1520-20 29.12	S1520-20F 29.12	S1520-20FSR 44.70	15	0	026
2-1/2	S1520-25 48.44	S1520-25F 48.44	S1520-25FSR 64.02	5	0	026
3	S1520-30 53.83	S1520-30F 53.83	S1520-30FSR 95.47	4	0	026
4	S1520-40 76.21	S1520-40F 76.21	S1520-40FSR 119.36	2	0	026
6	S1520-60 160.13	S1520-60F 160.13	S1520-60FSR 211.21	1	0	026
8	S1520-80 297.47	---	---	1	0	026

**PVC Clear Swing Check**

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Disc Code
1/2	S1520C05 21.55	S1520C05F 21.55	S1520C05FSR 24.18	35	0	026
3/4	S1520C07 21.97	S1520C07F 21.97	S1520C07FSR 25.76	35	0	026
1	S1520C10 22.39	S1520C10F 22.39	S1520C10FSR 27.64	20	0	026
1-1/4	S1520C12 23.51	S1520C12F 23.51	S1520C12FSR 31.89	12	0	026
1-1/2	S1520C15 25.55	S1520C15F 25.55	S1520C15FSR 39.93	12	0	026
2	S1520C20 36.78	S1520C20F 36.78	S1520C20FSR 52.36	15	0	026
2-1/2	S1520C25 61.31	S1520C25F 61.31	S1520C25FSR 85.47	5	0	026
3	S1520C30 68.13	S1520C30F 68.13	S1520C30FSR 109.76	4	0	026
4	S1520C40 91.71	S1520C40F 91.71	S1520C40FSR 134.83	2	0	026
6	S1520C60 189.55	S1520C60F 189.55	S1520C60FSR 240.64	1	0	026
8	S1520C80 316.63	---	---	1	0	026

**True Union Utility Swing Check Valves**

**PVC White True Union Swing Check**

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1720-05 18.02	S1720-05F 18.02	S1720-05FSR 20.64	35	0	026
3/4	S1720-07 18.57	S1720-07F 18.57	S1720-07FSR 22.36	30	0	026
1	S1720-10 19.35	S1720-10F 19.35	S1720-10FSR 24.60	18	0	026
1-1/4	S1720-12 20.37	S1720-12F 20.37	S1720-12FSR 28.76	12	0	026
1-1/2	S1720-15 22.39	S1720-15F 22.39	S1720-15FSR 36.77	10	0	026
2	S1720-20 33.64	S1720-20F 33.64	S1720-20FSR 49.15	10	0	026
2-1/2	S1720-25 56.09	S1720-25F 56.09	S1720-25FSR 80.22	2	0	026
3	S1720-30 71.61	S1720-30F 71.61	S1720-30FSR 113.27	2	0	026
4	S1720-40 96.66	S1720-40F 96.66	S1720-40FSR 139.38	1	0	026

**PVC Clear True Union Swing Check (continued)**

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
3/4	S1720C07 23.73	S1720C07F 23.73	S1720C07FSR 27.51	30	0	026
1	S1720C10 25.93	S1720C10F 25.93	S1720C10FSR 31.16	18	0	026
1-1/4	S1720C12 27.31	S1720C12F 27.31	S1720C12FSR 35.69	12	0	026
1-1/2	S1720C15 29.29	S1720C15F 29.29	S1720C15FSR 43.66	10	0	026
2	S1720C20 41.20	S1720C20F 41.20	S1720C20FSR 56.79	10	0	026
2-1/2	S1720C25 67.66	S1720C25F 67.66	S1720C25FSR 91.81	2	0	026
3	S1720C30 77.87	S1720C30F 77.87	S1720C30FSR 119.51	2	0	026
4	S1720C40 103.83	S1720C40F 103.83	S1720C40FSR 146.91	1	0	026

**PVC Clear True Union Swing Check**

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1720C05 23.34	S1720C05F 23.34	S1720C05FSR 25.96	35	0	026

**Schedule 40 Fittings & Accessories**  
**Compression Utility Swing Check Valves & Utility Spring Check Valves**



**Compression Utility Swing Check Valves**

**PVC White Compression End Swing Check**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Compression End</b>					
S1500-05	1/2	20	0	026	21.06
S1500-07	3/4	35	0	026	22.16
S1500-10	1	20	0	026	23.09
S1500-12	1-1/4	12	0	026	27.12
S1500-15	1-1/2	12	0	026	30.26
S1500-20	2	10	0	026	47.73
S1500-25	2-1/2	5	0	026	79.71
S1500-30	3	4	0	026	103.48
S1500-40	4	2	0	026	158.97

**PVC Clear Compression End Swing Check**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Compression End</b>					
S1500C05	1/2	35	0	026	23.16
S1500C07	3/4	20	0	026	24.93
S1500C10	1	20	0	026	25.44
S1500C12	1-1/4	12	0	026	28.56
S1500C15	1-1/2	12	0	026	32.19
S1500C20	2	10	0	026	48.05
S1500C25	2-1/2	5	0	026	80.60

**PVC Clear Compression End Swing Check (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Compression End</b>					
S1500C30	3	4	0	026	117.72
S1500C40	4	2	0	026	162.20

**Compression Coupling Nut Wrenches**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-005	1/2	1	50	299	11.33
CCW-007	3/4	1	50	299	11.53
CCW-010	1	1	50	299	12.02
CCW-012	1-1/4	1	50	299	13.60
CCW-015	1-1/2	1	50	299	14.67
CCW-020*	2	1	50	299	16.39
CCW-030**	3	1	25	299	20.16

\* CCW-20 - Wrench also fits 2-1/2" Coupling Body  
 \*\*CCW-30 - Wrench also fits 4" Coupling Body

**Compression Coupling Nut Wrench Sets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-000	Set	1	50	299	94.70

Complete Set of Wrenches, Sizes 1/2" - 3"

**Utility Spring Check Valves**

**PVC White Spring Check (Spring Assisted Swing Check)**

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1580-05 31.20	S1580-05F 31.20	S1580-05FSR 33.84	20	0	026
3/4	S1580-07 35.31	S1580-07F 35.31	S1580-07FSR 39.07	20	0	026
1	S1580-10 36.78	S1580-10F 36.78	S1580-10FSR 42.01	20	0	026
1-1/4	S1580-12 38.30	S1580-12F 38.30	S1580-12FSR 46.71	12	0	026
1-1/2	S1580-15 40.77	S1580-15F 40.77	S1580-15FSR 55.12	12	0	026
2	S1580-20 42.74	S1580-20F 42.74	S1580-20FSR 58.32	15	0	026
2-1/2	S1580-25 75.86	S1580-25F 75.86	S1580-25FSR 100.02	4	0	026
3	S1580-30 79.12	S1580-30F 79.12	S1580-30FSR 120.76	4	0	026
4	S1580-40 112.28	S1580-40F 112.28	S1580-40FSR 155.43	2	0	026

**PVC Clear Spring Check (Spring Assisted Swing Check)**

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1580C05 32.15	S1580C05F 32.15	S1580C05FSR 34.82	20	0	026
3/4	S1580C07 36.39	S1580C07F 36.39	S1580C07FSR 40.19	20	0	026
1	S1580C10 37.94	S1580C10F 37.94	S1580C10FSR 43.16	20	0	026
1-1/4	S1580C12 39.50	S1580C12F 39.50	S1580C12FSR 47.89	12	0	026
1-1/2	S1580C15 41.85	S1580C15F 41.85	S1580C15FSR 56.23	12	0	026
2	S1580C20 43.43	S1580C20F 43.43	S1580C20FSR 59.00	15	0	026
2-1/2	S1580C25 78.21	S1580C25F 78.21	S1580C25FSR 102.33	5	0	026
3	S1580C30 81.44	S1580C30F 81.44	S1580C30FSR 162.04	4	0	026
4	S1580C40 115.71	S1580C40F 115.71	S1580C40FSR 158.85	2	0	026





**Schedule 40 Fittings & Accessories**  
**True Union Utility Spring Check Valves & PVC In-line Adjustable Spring Check Valves**

**True Union Utility Spring Check Valves**

**PVC White True Union Spring Check (Spring Assisted Swing Check)**

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1780-05 41.49	S1780-05F 41.49	S1780-05FSR 44.12	20	0	026
3/4	S1780-07 47.06	S1780-07F 47.06	S1780-07FSR 50.84	30	0	026
1	S1780-10 49.05	S1780-10F 49.05	S1780-10FSR 54.26	18	0	026
1-1/4	S1780-12 51.09	S1780-12F 51.09	S1780-12FSR 59.44	12	0	026
1-1/2	S1780-15 54.43	S1780-15F 54.43	S1780-15FSR 68.82	10	0	026
2	S1780-20 56.67	S1780-20F 56.67	S1780-20FSR 72.23	10	0	026
2-1/2	S1780-25 101.14	S1780-25F 101.14	S1780-25FSR 125.24	2	0	026
3	S1780-30 105.51	S1780-30F 105.51	S1780-30FSR 147.15	2	0	026
4	S1780-40 149.71	S1780-40F 149.71	S1780-40FSR 192.89	1	0	026

**PVC Clear True Union Spring Check (Spring Assisted Swing Check)**

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1780C05 42.80	S1780C05F 42.80	S1780C05FSR 45.43	20	0	026
3/4	S1780C07 48.54	S1780C07F 48.54	S1780C07FSR 52.32	30	0	026
1	S1780C10 50.56	S1780C10F 50.56	S1780C10FSR 55.82	18	0	026
1-1/4	S1780C12 52.64	S1780C12F 52.64	S1780C12FSR 61.00	12	0	026
1-1/2	S1780C15 55.82	S1780C15F 55.82	S1780C15FSR 70.50	10	0	026
2	S1780C20 57.45	S1780C20F 57.45	S1780C20FSR 73.94	10	0	026
2-1/2	S1780C25 104.27	S1780C25F 104.27	S1780C25FSR 128.43	2	0	026
3	S1780C30 108.76	S1780C30F 108.76	S1780C30FSR 150.39	2	0	026
4	S1780C40 154.36	S1780C40F 154.36	S1780C40FSR 197.53	1	0	026

**PVC In-line Adjustable Spring Check Valves**



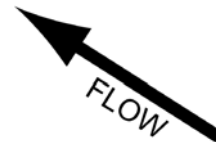
Mipt x Mipt



Mipt x Fipt



Fipt x Fipt



Pressure Rating @ 73°F (23°C), Water  
200 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

2 - 14 lbs. Adjustable Spring Tension  
(5 to 32 feet of head)  
Factory Preset to Approx. 5 psi  
(12 feet of head)  
Each full turn of adjustment nut = 1 psi  
(2.3 feet of head)  
Stainless Steel Adjustment Hardware  
EPDM Seat

**Standard Unit - Female Inlet x Male Outlet**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S1102-05	1/2	30	180	026	10.40
S1102-07	3/4	25	150	026	10.64
S1102-10	1	25	150	026	17.66
S1102-05-07	1/2X3/4	25	150	026	15.18

**Male Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S1101-05	1/2	30	180	026	10.40

**Female Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S1100-07	3/4	25	150	026	10.99

# Turf & Irrigation EverTUFF® TURF™ Fittings For Golf Course & Turf Applications



Spears® EverTUFF® TURF™ Fittings are specifically engineered to meet the demanding system requirements of today's golf course and turf irrigation applications. This patented design provides greater surge resistance than Schedule 80 fittings for the most reliable turf fittings on the market. Produced in a distinct Blue color injection molded from specially balanced PVC materials or optional CPVC Gray, these performance fittings are Class 315 rated (315 psi) and available in IPS sizes 1" through 4".

- Over 50% Stronger than Any Other Solvent Weld Turf Fitting
- Full Class 315 Pressure Rating
- Patented Special Reinforced (SR) Threads on All Female Threaded Fittings
- Produced in Standard Configurations
- Optional CPVC for Higher Temperatures
- NSF® Certified

## Selection Guide for Choosing PVC or High Temperature CPVC Materials

Heat can play a significant part in performance of any piping system. As with all thermoplastic products, pressure rating reduction is required as temperatures increase. This can apply to primary and secondary heat sources, such as basic ambient temperature and absorbed temperature from solar exposure or solar heated water supply sources. The following table shows applicable Class 315 (315 psi) pressure de-rating as temperatures elevate.

PVC & CPVC Class 315 Pressure Ratings at Elevated Temperatures, PSI												
Application Temperature	73° F (23° C)	90° F (32° C)	100° F (38° C)	110° F (43° C)	120° F (49° C)	130° F (54° C)	140° F (60° C)	150° F (66° C)	160° F (71° C)	170° F (77° C)	180° F (82° C)	200° F (99° C)
PVC	315	236	195	161	126	98	69	--	--	--	--	--
CPVC	315	287	258	227	205	180	158	132	126	91	79	62

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Tee Soc



Class 315

401-010T	1	50	0	031	2.45
401-012T	1-1/4	25	0	031	3.83
401-015T	1-1/2	25	0	031	4.65
401-020T	2	25	0	031	6.77
401-025T	2-1/2	10	0	031	22.34
401-030T	3	10	0	031	29.35
401-040T	4	8	0	031	53.10

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC 45° Elbow Soc



Class 315

417-010T	1	50	0	031	2.83
417-012T	1-1/4	25	0	031	3.93
417-015T	1-1/2	25	0	031	4.94
417-020T	2	25	0	031	6.41
417-025T	2-1/2	10	0	031	16.74
417-030T	3	10	0	031	25.98
417-040T	4	5	0	031	46.59

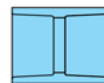
### PVC Reducing Tee Soc



Class 315

401-168T	1-1/4X1	25	0	031	4.20
401-212T	1-1/2X1-1/4	25	0	031	7.37
401-251T	2X1-1/2	10	0	031	9.35
401-292T	2-1/2X2	10	0	031	22.28
401-338T	3X2	6	0	031	31.87
401-422T	4X3	6	0	031	53.10

### PVC Couplings Soc



Class 315

429-010T	1	50	0	031	1.45
429-012T	1-1/4	25	0	031	2.01
429-015T	1-1/2	25	0	031	2.14
429-020T	2	25	0	031	3.27
429-025T	2-1/2	12	0	031	7.24
429-030T	3	10	0	031	11.35
429-040T	4	5	0	031	16.40

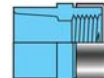
### PVC 90° Elbow Soc



Class 315

406-010T	1	50	0	031	1.85
406-012T	1-1/4	25	0	031	3.26
406-015T	1-1/2	25	0	031	3.51
406-020T	2	25	0	031	5.49
406-025T	2-1/2	10	0	031	16.71
406-030T	3	10	0	031	20.00
406-040T	4	8	0	031	35.77

### PVC Special Reinforced Female Adapter Soc x SR Fipt - Stainless Steel Collar



Class 315

435-010SRT	1	25	200	031	9.57
435-012SRT	1-1/4	10	60	031	15.48
435-015SRT	1-1/2	10	80	031	19.05
435-020SRT	2	10	0	031	33.22
435-025SRT	2-1/2	5	0	031	52.42
435-030SRT	3	10	0	031	59.07
435-040SRT	4	5	0	031	101.52



**Turf & Irrigation**  
**EverTUFF® TURF™ Fittings For Golf Course & Turf Applications**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Male Adapter**  
Mipt x Soc



Class 315

436-010T	1	50	0	031	1.64
436-012T	1-1/4	25	0	031	2.01
436-015T	1-1/2	25	0	031	2.68
436-020T	2	25	0	031	3.53
436-025T	2-1/2	10	0	031	10.39
436-030T	3	10	0	031	15.21
436-040T	4	5	0	031	19.39

**PVC Reducer Bushing Flush Style**  
Spig x Soc



Class 315

437-250T	2X1-1/4	10	120	031	4.10
437-251T	2X1-1/2	25	0	031	4.10
437-292T	2-1/2X2	15	0	031	6.59
437-338T	3X2	10	0	031	9.69
437-422T	4X3	6	0	031	20.40

**CPVC Tee**  
Soc



Class 315

401-010TC	1	50	0	032	4.88
401-012TC	1-1/4	25	0	032	7.66
401-015TC	1-1/2	25	0	032	9.29
401-020TC	2	25	0	032	13.53
401-025TC	2-1/2	10	0	032	44.68
401-030TC	3	10	0	032	58.69
401-040TC	4	8	0	032	106.18

**CPVC Reducing Tee**  
Soc



Class 315

401-168TC	1-1/4X1	25	0	032	8.39
401-212TC	1-1/2X1-1/4	25	0	032	14.74
401-251TC	2X1-1/2	10	0	032	22.64
401-292TC	2-1/2X2	10	0	032	44.55
401-338TC	3X2	6	0	032	63.73
401-422TC	4X3	6	0	032	106.18

**CPVC 90° Elbow**  
Soc



Class 315

406-010TC	1	50	0	032	3.70
406-012TC	1-1/4	25	0	032	6.51
406-015TC	1-1/2	25	0	032	7.02
406-020TC	2	25	0	032	10.98
406-025TC	2-1/2	10	0	032	33.41
406-030TC	3	10	0	032	39.99
406-040TC	4	8	0	032	71.52

**CPVC 45° Elbow**  
Soc



Class 315

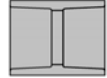
417-010TC	1	50	0	032	5.66
417-012TC	1-1/4	25	0	032	7.85
417-015TC	1-1/2	25	0	032	9.86
417-020TC	2	25	0	032	9.86

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC 45° Elbow (continued)**  
Soc

417-025TC	2-1/2	10	0	032	33.48
417-030TC	3	10	0	032	51.96
417-040TC	4	5	0	032	93.16

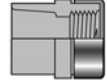
**CPVC Couplings**  
Soc



Class 315

429-010TC	1	50	0	032	2.90
429-012TC	1-1/4	25	0	032	4.02
429-015TC	1-1/2	25	0	032	4.28
429-020TC	2	25	0	032	6.54
429-025TC	2-1/2	12	0	032	14.49
429-030TC	3	10	0	032	22.69
429-040TC	4	5	0	032	32.81

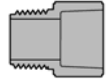
**CPVC Special Reinforced Female Adapter**  
Soc x SR Fipt - Stainless Steel Collar



Class 315

435-010SRTC	1	25	200	032	19.15
435-012SRTC	1-1/4	10	60	032	30.96
435-015SRTC	1-1/2	10	80	032	38.11
435-020SRTC	2	10	0	032	66.45
435-025SRTC	2-1/2	5	0	032	104.84
435-030SRTC	3	10	0	032	118.15
435-040SRTC	4	5	0	032	203.04

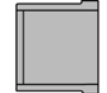
**CPVC Male Adapter**  
Mipt x Soc



Class 315

436-010TC	1	50	0	032	3.29
436-012TC	1-1/4	25	0	032	4.02
436-015TC	1-1/2	25	0	032	5.36
436-020TC	2	25	0	032	7.05
436-025TC	2-1/2	10	0	032	20.78
436-030TC	3	5	0	032	30.41
436-040TC	4	5	0	032	38.78

**CPVC Reducer Bushing Flush Style**  
Spig x Soc



Class 315

437-250TC	2X1-1/4	10	200	032	8.20
437-251TC	2X1-1/2	25	0	032	8.20
437-292TC	2-1/2X2	15	0	032	13.18
437-338TC	3X2	10	0	032	19.37
437-422TC	4X3	6	0	032	40.80

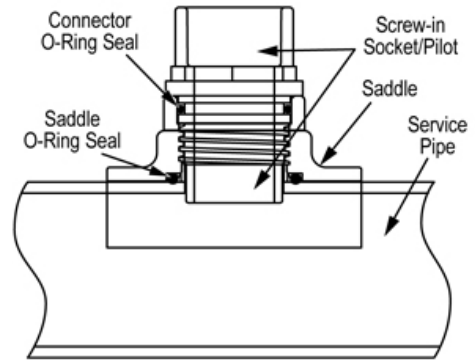
## Turf & Irrigation EverTUFF® TURF™ Mechanical Clamp-on Transition Saddles



Designed for Polypropylene-to-PVC pipe transition, but fully suitable for any IPS pipe (metal or plastic) transition to PVC. Excellent for irrigation extensions and lateral take-offs. Pilot on lateral connector prevents saddle movement on pipe. Easy Installation - Clamp saddle to pipe, drill hole, install screw-in pilot/socket lateral connector. Injection molded in distinct blue color.



- Socket Outlet
- 315 psi Pressure Rating @ 73° F
- SS316 Mechanical Clamp
- EPDM O-ring Seals
- Interchangeable 1-1/2" & 2" Lateral Connector Sizes
- Stainless Steel Reinforcing Rings for Extra Strength



Note: Mechanical Clamp Not Shown

### Mechanical Clamp-on Transition Saddles

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Pipe O.D. x Socket

For Polypropylene (or any IPS pipe, metal or plastic) - To - PVC Transitions

865-419	<b>4X1-1/2</b>	1	0	086	319.08
865-420	<b>4X2</b>	1	0	086	326.77
865-527	<b>6X1-1/2</b>	1	0	086	448.75
865-528	<b>6X2</b>	1	0	086	532.92
865-577	<b>8X1-1/2</b>	1	0	086	604.27
865-578	<b>8X2</b>	1	0	086	687.33



**Turf & Irrigation**  
**EverTUFF® TURF™ Swing Joint Riser Assemblies**

Many Configurations may be created and furnished by using the following Swing Joint Riser Numbering System.

X X | X X | - | X X X | X X |

Code	Swing Arm Riser Style
58	Male Buttress Threaded Riser Style
59	Cut & Solvent Cemented Riser Style

Code	Size
010	1"
132	1" x 1-1/4"
133	1" x 1-1/2"
012	1-1/4"
015	1-1/2"
168	1-1/4" x 1"
169	1-1/4" x 1-1/2"
211	1-1/2" x 1"
212	1-1/2" x 1-1/4"
249	2" x 1" (Tee)
250	2" x 1-1/4" (Tee)
251	2" x 1-1/2" (Tee)

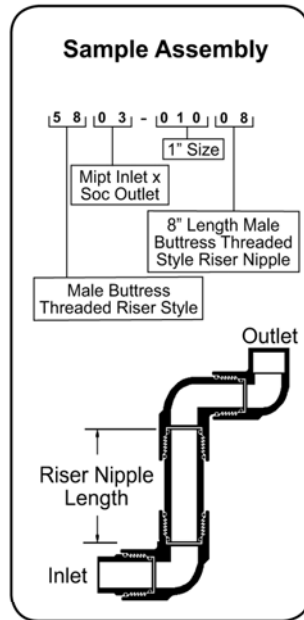
Riser Nipple Length	
Code	Size
<b>5800 Series* Male Buttress Threaded Style</b>	
08	8"
10	10"
12	12"
14	14"
16	16"
18	18"
20	20"
24	24"

Code	Inlet x Outlet Style Combination
01	Soc x Soc
02	Spig x Soc
03	Mipt x Soc
04	Tee x Soc
05	Soc x Mipt
06	Spig x Mipt
07	Mipt x Mipt
08	Tee x Mipt
09	Soc x Mat
10	Spig x Mat
11	Mipt x Mat
12	Tee x Mat
13	Soc x Fipt
14	Spig x Fipt
15	Mipt x Fipt
16	Tee x Fipt
17	Soc x SR Fipt
18	Spig x SR Fipt
19	Mipt x SR Fipt
20	Tee x SR Fipt
21†	Gmpt 2-1/2" Npl x Mat
22	Mat x Mat
23	Mat x Mpt
24	Mat x Fipt
25	Mat x SR Fipt
26	Spig x Fbt
27	Spig x Fat
28	Extended Spig x Fipt
29	Extended Spig x Mipt
30	Open
31†	Mipt x Gmpt 2-1/2" Npl
32†	Gmpt 2-1/2" Npl x Fipt
33†	Gmpt 2-1/2" Npl x Soc
34†	Gmpt 2-1/2" Npl x SR Fipt
35†	Soc x Gmpt 2-1/2" Npl
36†	Spig x Gmpt 2-1/2" Npl
37†	Gmpt x Gmpt 2-1/2" Npl
38†	Tee x Gmpt 2-1/2" Npl
39†	Gmpt 2-1/2" Npl x Mipt
40†	Open
41†	Mipt x Gmpt 3" Npl
42†	Gmpt 3" Npl x Fipt
43†	Gmpt 3" Npl x Soc
44†	Gmpt 3" Npl x SR Fipt
45†	Soc x Gmpt 3" Npl
46†	Spig x Gmpt 3" Npl
47†	Gmpt x Gmpt 3" Npl
48†	Tee x Gmpt 3" Npl
49†	Gmpt 3" Npl x Mipt
50†	Gmpt 3" Npl x Mat

Code	Inlet x Outlet Style Combination
51‡	Soc x Soc Multi-Ell
52‡	Spig x Soc Multi-Ell
53‡	Mipt x Soc Multi-Ell
54‡	Tee x Soc Multi-Ell
55‡	Soc x Mipt Multi-Ell
56‡	Spig x Mipt Multi-Ell
57‡	Mipt x Mipt Multi-Ell
58‡	Tee x Mipt Multi-Ell
59‡	Soc x Mat Multi-Ell
60‡	Spig x Mat Multi-Ell
61‡	Mipt x Mat Multi-Ell
62‡	Tee x Mat Multi-Ell
63‡	Soc x Fipt Multi-Ell
64‡	Spig x Fipt Multi-Ell
65‡	Mipt x Fipt Multi-Ell
66‡	Tee x Fipt Multi-Ell
67‡	Soc x SR Fipt Multi-Ell
68‡	Spig x SR Fipt Multi-Ell
69‡	Mipt x SR Fipt Multi-Ell
70‡	Tee x SR Fipt Multi-Ell
71‡	Soc x Gmpt 2-1/2" Npl Multi-Ell
72‡	Spig x Gmpt 2-1/2" Npl Multi-Ell
73‡	Mipt x Gmpt 2-1/2" Npl Multi-Ell
74‡	Tee x Gmpt 2-1/2" Npl Multi-Ell
75‡	Soc x Gmpt 3" Npl Multi-Ell
76‡	Spig x Gmpt 3" Npl Multi-Ell
77‡	Mipt x Gmpt 3" Npl Multi-Ell
78‡	Tee x Gmpt 3" Npl Multi-Ell
79‡	Gmpt 3" Npl x Mipt Multi-Ell
80‡	Gmpt 3" Npl x Soc Multi-Ell
81‡	Gmpt 3" Npl x Gmpt 3" Npl Multi-Ell
82‡	Mat x Mat Multi-Ell
83	Mipt x Mat Top Mount
84	Open
85	Open
86	Open
87	Open
88	Bsp x Bsp Multi-Ell
89	Bsp x Bsp Top Mount
90	Bsp x Mat
91	Bsp x Mipt
92	Mipt x Bsp
93	Bsp x Bsp
94	Astm Soc x Bsp
95	Astm Spig x Bsp
96	Din Spig x Bsp
97	Din Spig x Mipt
98	Jis Spig x Jis Mipt
99	Jis Spig x Mipt

Riser Nipple Length	
Code	Size
<b>5900 Series** Cut &amp; Solvent Cemented Style</b>	
00	(No Nipple)
06	6"
07	7"
08	8"
10	10"
11	11"
12	12"
13	13"
14	14"
15	15"
16	16"
17	17"
18	18"
19	19"
20	20"
21	21"
22	22"
23	23"
24	24"

\* Buttress Threaded Riser Lengths may be extended with the use of Riser Extension Couplings.  
 \*\* Additional Nipple lengths are available. Please contact your servicing Spears® Regional Distribution Center.



† Gmpt - A 2-1/2" Toe Nipple is solvent cemented in place. If a 3" Nipple is required, change the first digit from a "3" to a "4".  
 EXAMPLE:  
 38 = Tee x 2-1/2" Gmpt  
 48 = Tee x 3" Gmpt

‡ Multi-Ell - Two additional Elbows are located at the outlet of the Swing Joint Riser to allow 360° adjustment.

**Turf & Irrigation**  
**EverTUFF® TURF™ Swing Joint Riser Assemblies**



Most common configurations of Swing Joint Risers appear on the following pages. For those not shown, you may use the following worksheet to create various configurations. For assistance, please contact your servicing Spears® Regional Distribution Center.

**Ordering Male Buttress Thread Riser Nipple Lengths Not Listed in Catalog**

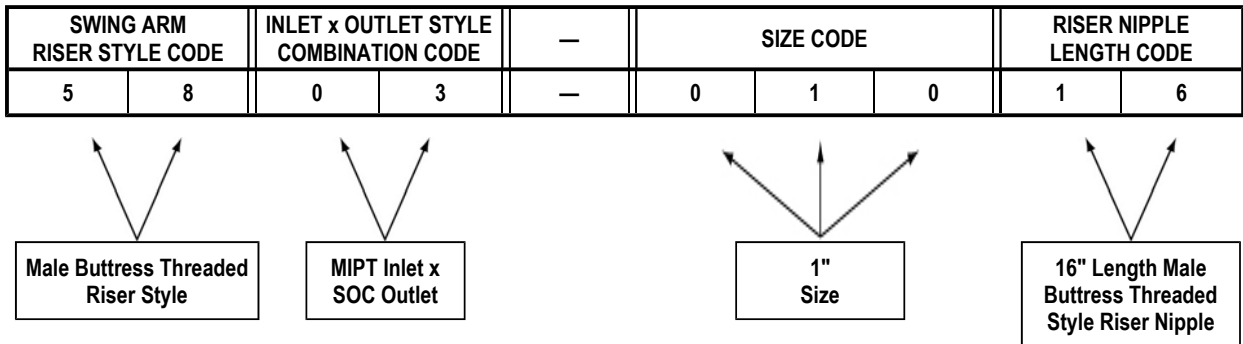
Swing Joint Risers on the following pages are shown with 8", 10", and 12" Nipple Lengths (LG). Additional standard Nipple lengths of 14", 16", 18", 20" and 24", plus virtually any custom lengths are available.

To order desired standard riser nipple length, replace the last two digits of the listed part number with the desired length in inches.

Example: 5805-010**16** = 16" Nipple Length  
 5805-010**18** = 18" Nipple Length

Contact your servicing Spears® Regional Distribution Center for pricing on these additional standard lengths or for custom produced nipple lengths.

**Sample**



**Worksheet**

SWING ARM RISER STYLE CODE		INLET x OUTLET STYLE COMBINATION CODE		—	SIZE CODE			RISER NIPPLE LENGTH CODE	
				—					
				—					
				—					
				—					
				—					
				—					
				—					
				—					
				—					
				—					





**Turf & Irrigation**  
**EverTUFF® TURF™ Swing Joint Riser Assemblies**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**SOC Inlet x MIPT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5805-01008	1X8LG	25	0	030	49.21
5805-01010	1X10LG	25	0	030	51.85
5805-01012	1X12LG	25	0	030	54.68
5805-01208	1-1/4X8LG	20	0	030	65.37
5805-01210	1-1/4X10LG	20	0	030	68.81
5805-01212	1-1/4X12LG	20	0	030	72.41
5805-16808	1-1/4X1X8LG	20	0	030	65.37
5805-16810	1-1/4X1X10LG	20	0	030	68.81
5805-16812	1-1/4X1X12LG	20	0	030	72.41
5805-16908	1-1/4X1-1/2X8LG	20	0	030	65.37
5805-16910	1-1/4X1-1/2X10LG	20	0	030	68.81
5805-16912	1-1/4X1-1/2X12LG	20	0	030	72.41
5805-01508	1-1/2X8LG	15	0	030	79.61
5805-01510	1-1/2X10LG	15	0	030	83.65
5805-01512	1-1/2X12LG	15	0	030	88.01

**SOC Inlet x MAT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5809-01008	1X8LG	25	0	030	49.21
5809-01010	1X10LG	25	0	030	51.85
5809-01012	1X12LG	25	0	030	54.68
5809-01208	1-1/4X8LG	20	0	030	65.37
5809-01210	1-1/4X10LG	20	0	030	68.81
5809-01212	1-1/4X12LG	20	0	030	72.41
5809-01508	1-1/2X8LG	15	0	030	79.61
5809-01510	1-1/2X10LG	15	0	030	83.65
5809-01512	1-1/2X12LG	15	0	030	88.01

**SPIG Inlet x MIPT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5806-01008	1X8LG	25	0	030	49.21
5806-01010	1X10LG	25	0	030	51.85
5806-01012	1X12LG	25	0	030	54.68
5806-01208	1-1/4X8LG	20	0	030	65.37
5806-01210	1-1/4X10LG	20	0	030	68.81
5806-01212	1-1/4X12LG	20	0	030	72.41
5806-16808	1-1/4X1X8LG	20	0	030	65.37
5806-16810	1-1/4X1X10LG	20	0	030	68.81
5806-16812	1-1/4X1X12LG	20	0	030	72.41
5806-16908	1-1/4X1-1/2X8LG	20	0	030	65.37
5806-16910	1-1/4X1-1/2X10LG	20	0	030	68.81
5806-16912	1-1/4X1-1/2X12LG	20	0	030	72.41
5806-01508	1-1/2X8LG	15	0	030	79.61
5806-01510	1-1/2X10LG	15	0	030	83.65
5806-01512	1-1/2X12LG	15	0	030	88.01

**SPIG Inlet x MAT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5810-01008	1X8LG	25	0	030	49.21
5810-01010	1X10LG	25	0	030	51.85
5810-01012	1X12LG	25	0	030	54.68
5810-01208	1-1/4X8LG	20	0	030	65.37

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**SPIG Inlet x MAT Outlet (continued)**

5810-01210	1-1/4X10LG	20	0	030	68.81
5810-01212	1-1/4X12LG	20	0	030	72.41
5810-01508	1-1/2X8LG	15	0	030	79.61
5810-01510	1-1/2X10LG	15	0	030	83.65
5810-01512	1-1/2X12LG	15	0	030	88.01

**MIPT Inlet x MIPT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5807-01008	1X8LG	25	0	030	49.21
5807-01010	1X10LG	25	0	030	51.85
5807-01012	1X12LG	25	0	030	54.68
5807-01208	1-1/4X8LG	20	0	030	65.37
5807-01210	1-1/4X10LG	20	0	030	68.81
5807-01212	1-1/4X12LG	20	0	030	72.41
5807-16808	1-1/4X1X8LG	20	0	030	65.37
5807-16810	1-1/4X1X10LG	20	0	030	68.81
5807-16812	1-1/4X1X12LG	20	0	030	72.41
5807-16908	1-1/4X1-1/2X8LG	20	0	030	65.37
5807-16910	1-1/4X1-1/2X10LG	20	0	030	68.81
5807-16912	1-1/4X1-1/2X12LG	20	0	030	72.41
5807-01508	1-1/2X8LG	15	0	030	79.61
5807-01510	1-1/2X10LG	15	0	030	83.65
5807-01512	1-1/2X12LG	15	0	030	88.01

**MIPT Inlet x MAT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5811-01008	1X8LG	25	0	030	49.21
5811-01010	1X10LG	25	0	030	51.85
5811-01012	1X12LG	25	0	030	54.68
5811-01208	1-1/4X8LG	20	0	030	65.37
5811-01210	1-1/4X10LG	20	0	030	68.81
5811-01212	1-1/4X12LG	20	0	030	72.41
5811-01508	1-1/2X8LG	15	0	030	79.61
5811-01510	1-1/2X10LG	15	0	030	83.65
5811-01512	1-1/2X12LG	15	0	030	88.01

**SOC TEE Inlet x MIPT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5808-24908	2X1 X8LG	15	0	030	70.24
5808-24910	2X1 X10LG	15	0	030	74.01
5808-24912	2X1 X12LG	15	0	030	77.95
5808-25008	2X1-1/4X8LG	15	0	030	85.77
5808-25010	2X1-1/4X10LG	15	0	030	90.29
5808-25012	2X1-1/4X12LG	10	0	030	95.03
5808-25108	2X1-1/2X8LG	10	0	030	113.41
5808-25110	2X1-1/2X10LG	10	0	030	119.54
5808-25112	2X1-1/2X12LG	10	0	030	126.03

**SOC TEE Inlet x MAT Outlet**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5812-24908	2X1 X8LG	15	0	030	70.24
5812-24910	2X1 X10LG	15	0	030	74.01

**Turf & Irrigation**  
**EverTUFF® TURF™ Swing Joint Riser Assemblies**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**SOC TEE Inlet x MAT Outlet (continued)**

5812-24912	2X1 X12LG	15	0	030	77.95
5812-25008	2X1-1/4X8LG	20	0	030	85.77
5812-25010	2X1-1/4X10LG	15	0	030	90.29
5812-25012	2X1-1/4X12LG	15	0	030	95.03
5812-25108	2X1-1/2X8LG	10	0	030	113.41
5812-25110	2X1-1/2X10LG	10	0	030	119.54
5812-25112	2X1-1/2X12LG	10	0	030	126.03



**SOC Inlet x MIPT Outlet Multi EII**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5855-01008	1X8LG	20	0	030	71.09
5855-01010	1X10LG	15	0	030	76.46
5855-01012	1X12LG	15	0	030	79.10
5855-01208	1-1/4X8LG	20	0	030	90.68
5855-01210	1-1/4X10LG	15	0	030	96.04
5855-01212	1-1/4X12LG	15	0	030	98.68
5855-01508	1-1/2X8LG	10	0	030	110.15
5855-01510	1-1/2X10LG	10	0	030	115.46
5855-01512	1-1/2X12LG	10	0	030	118.12



**SPIG Inlet x MIPT Outlet Multi-EII**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5856-01008	1X8LG	20	0	030	71.09
5856-01010	1X10LG	15	0	030	76.46
5856-01012	1X12LG	15	0	030	79.10
5856-01208	1-1/4X8LG	20	0	030	90.68
5856-01210	1-1/4X10LG	15	0	030	96.04
5856-01212	1-1/4X12LG	15	0	030	98.68
5856-01508	1-1/2X8LG	10	0	030	110.15
5856-01510	1-1/2X10LG	10	0	030	115.46
5856-01512	1-1/2X12LG	10	0	030	118.12



**MIPT Inlet x MIPT Outlet Multi-EII**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5857-01008	1X8LG	20	0	030	71.09
5857-01010	1X10LG	15	0	030	76.46
5857-01012	1X12LG	15	0	030	79.10
5857-01208	1-1/4X8LG	20	0	030	90.68
5857-01210	1-1/4X10LG	15	0	030	96.04
5857-01212	1-1/4X12LG	15	0	030	98.68
5857-01508	1-1/2X8LG	10	0	030	110.15
5857-01510	1-1/2X10LG	10	0	030	115.46
5857-01512	1-1/2X12LG	10	0	030	118.12



**TEE Inlet x MIPT Outlet Multi-EII**

8"-10"-12" Nipple Length (LG) shown. See previous pages for ordering other lengths.

5858-24908	2X1 X8LG	15	0	030	101.60
5858-24910	2X1 X10LG	15	0	030	109.22
5858-24912	2X1 X12LG	10	0	030	112.99
5858-25008	2X1-1/4X8LG	10	0	030	129.55
5858-25010	2X1-1/4X10LG	10	0	030	137.18
5858-25012	2X1-1/4X12LG	10	0	030	140.99



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**TEE Inlet x MIPT Outlet Multi-EII (continued)**

5858-25108	2X1-1/2X8LG	10	0	030	157.34
5858-25110	2X1-1/2X10LG	10	0	030	164.90
5858-25112	2X1-1/2X12LG	10	0	030	168.74

**Solvent Cemented Riser Nipple Style**  
**SOC Inlet x MIPT Outlet**



Assembly Without Nipple (part numbers ending in "00") & Optional Factory Assembled Unit With Customer Specified Nipple Length (see below)

5905-01000	1	1	10	030	40.28
5905-010_*	1	25	0	030	67.26
5905-010_**	1	25	0	030	76.46
5905-01200	1-1/4	1	10	030	53.29
5905-012_*	1-1/4	20	0	030	89.68
5905-012_**	1-1/4	20	0	030	101.96
5905-01500	1-1/2	1	8	030	66.29
5905-015_*	1-1/2	15	0	030	103.69
5905-015_**	1-1/2	15	0	030	117.83

Factory Assembled With Solvent Cemented Riser

Specify desired nipple length by filling in blank at end of Part Number with appropriate two-digit code (06 - 24) representing 1" increments.

\* = Pricing for assembly with 6" to 18" length cemented Riser Nipple

\*\* = Pricing for assembly with 19" to 24" length cemented Riser Nipple

Note: Cement Assembled Risers are Non-cancelable and Non-Returnable

**Solvent Cemented Riser Nipple Style**  
**SPIG Inlet x MIPT Outlet**



Assembly Without Nipple (part numbers ending in "00") & Optional Factory Assembled Unit With Customer Specified Nipple Length (see below)

5906-01000	1	1	10	030	40.28
5906-010_*	1	25	0	030	67.26
5906-010_**	1	25	0	030	76.46
5906-01200	1-1/4	1	10	030	53.29
5906-012_*	1-1/4	20	0	030	89.68
5906-012_**	1-1/4	20	0	030	101.96
5906-01500	1-1/2	1	8	030	66.29
5906-015_*	1-1/2	15	0	030	103.69
5906-015_**	1-1/2	15	0	030	117.83

Factory Assembled With Solvent Cemented Riser

Specify desired nipple length by filling in blank at end of Part Number with appropriate two-digit code (06 - 24) representing 1" increments.

\* = Pricing for assembly with 6" to 18" length cemented Riser Nipple

\*\* = Pricing for assembly with 19" to 24" length cemented Riser Nipple

Note: Cement Assembled Risers are Non-cancelable and Non-Returnable

**Solvent Cemented Riser Nipple Style**  
**MIPT Inlet x MIPT Outlet**



Assembly Without Nipple (part numbers ending in "00") & Optional Factory Assembled Unit With Customer Specified Nipple Length (see below)

5907-01000	1	1	10	030	40.28
5907-010_*	1	25	0	030	67.26
5907-010_**	1	25	0	030	76.46
5907-01200	1-1/4	1	10	030	53.29
5907-012_**	1-1/4	10	0	030	101.96
5907-012_*	1-1/4	15	0	030	89.68
5907-01500	1-1/2	1	8	030	66.29



## Turf & Irrigation EverTUFF® TURF™ Swing Joint Riser Assemblies

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Solvent Cemented Riser Nipple Style (continued)

#### MIPT Inlet x MIPT Outlet

5907-01500	1-1/2	1	8	030	66.29
5907-015 *	1-1/2	15	0	030	103.69
5907-015 **	1-1/2	0	0	030	117.83

Factory Assembled With Solvent Cemented Riser

Specify desired nipple length by filling in blank at end of Part Number with appropriate two-digit code (06 - 24) representing 1" increments.

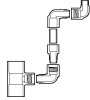
\* = Pricing for assembly with 6" to 18" length cemented Riser Nipple

\*\* = Pricing for assembly with 19" to 24" length cemented Riser Nipple

Note: Cement Assembled Risers are Non-cancelable and Non-Returnable

### Solvent Cemented Riser Nipple Style

#### SOC TEE Inlet x MIPT Outlet



Assembly Without Nipple (part numbers ending in "00") & Optional Factory Assembled Unit With Customer Specified Nipple Length (see below)

5908-24900	2X1	1	8	030	47.39
5908-249 *	1	15	0	030	79.33
5908-249 **	1	15	0	030	90.13
5908-25000	2X1-1/4	5	0	030	60.16
5908-250 *	1-1/4	15	0	030	99.83
5908-250 **	1-1/4	15	0	030	107.17
5908-25100	2X1-1/2	1	6	030	67.26
5908-251 *	1/2	10	0	030	105.28
5908-251 **	1/2	10	0	030	119.66

Factory Assembled With Solvent Cemented Riser

Specify desired nipple length by filling in blank at end of Part Number with appropriate two-digit code (06 - 24) representing 1" increments.

\* = Pricing for assembly with 6" to 18" length cemented Riser Nipple

\*\* = Pricing for assembly with 19" to 24" length cemented Riser Nipple

Note: Cement Assembled Risers are Non-cancelable and Non-Returnable

### Cap FAT



548-010-28A	1	50	0	030	1.88
548-012-28A	1-1/4	25	0	030	2.29
548-015-28A	1-1/2	25	0	030	2.45

### Outlet Adapter

#### MAT x MIPT with O-rings



559-010-21AR	1	1	25	030	7.06
559-012-21AR	1-1/4	1	25	030	8.70
559-015-21AR	1-1/2	1	25	030	11.53

### Outlet Adapter

#### MAT x SR FIPT with O-rings



559-010-22SRAR	1	1	25	030	9.35
559-012-22SRAR	1-1/4	1	250	030	17.38
559-015-22SRAR	1-1/2	1	80	030	26.16

### Outlet Adapter

#### FAT x MAT with O-rings

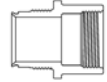


559-212-101AR	1-1/2X1-1/4	150	0	030	17.63
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Outlet Adapter

#### MAT x FAT with O-rings



559-212-85AR	1-1/2X1-1/4	1	80	030	18.89
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### Inlet Adapter

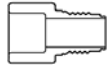
#### SPIG x MBT with O-rings



592-010-4AR	1	1	25	030	17.35
592-012-4AR	1-1/4	1	10	030	19.21
592-015-4AR	1-1/2	1	25	030	21.03

### Inlet Adapter

#### SOC x MBT with O-rings



591-010-3AR	1	1	25	030	12.06
591-012-3AR	1-1/4	1	10	030	15.19
591-015-3AR	1-1/2	1	25	030	18.36

### Inlet Adapter

#### JIS SPIG x MBT with O-rings



594-010-4AR	25	1	10	030	17.35
594-012-4AR	32	1	10	030	19.21
594-015-4AR	40	1	10	030	21.03

### Inlet Adapter

#### DIN SPIG x MBT with O-rings



595-010-4AR	32	1	10	030	17.35
595-012-4AR	40	1	10	030	19.21
595-015-4AR	50	1	10	030	21.03

### Inlet Adapters

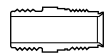
#### MIPT x MBT with O-rings



596-010-4AR	1	1	25	030	14.73
596-012-4AR	1-1/4	1	10	030	17.20
596-015-4AR	1-1/2	1	25	030	19.62

### Reducing Inlet Adapter

#### MIPT x MBT with O-rings



596-212-4AR	1-1/2X1-1/4	1	25	030	26.23
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### Inlet Adapter

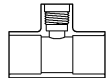
#### BSP x MBT with O-rings



597-010-4AR	1	1	25	030	14.73
597-012-4AR	1-1/4	1	10	030	17.20
597-015-4AR	1-1/2	1	25	030	19.62

### Reducing Tee

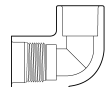
#### SOC x FBT



593-249-5A	2X1	30	0	030	30.78
593-250-5A	2X1-1/4	30	0	030	30.78
593-251-5A	2X1-1/2	25	0	030	30.78

### 90° Ell Outlet

#### FBT x SOC



591-010-2A	1	115	0	030	19.10
591-012-2A	1-1/4	80	0	030	22.16

**Turf & Irrigation**  
**EverTUFF® TURF™ Swing Joint Riser Assemblies**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° Street EII Outlet**  
FBT x MIPT



591-010-4A	1	140	0	030	16.31
591-012-4A	1-1/4	1	90	030	19.35
591-015-4A	1-1/2	1	60	030	22.37
591-168-4A	1-1/4X1	110	0	030	37.84

**90° Street EII Outlet**  
FBT x BSP



591-010-5A	1	140	0	030	19.10
591-012-5A	1-1/4	1	100	030	19.35
591-015-5A	1-1/2	60	0	030	25.17

**90° Street EII Outlet**  
FBT x MAT with O-rings



591-010-7AR	1	1	25	030	21.30
591-012-7AR	1-1/4	1	25	030	24.81
591-015-7AR	1-1/2	1	25	030	28.30
591-132-7AR	1X1-1/4	1	25	030	24.81
591-133-7AR	1X1-1/2	1	25	030	22.28
591-168-7AR	1-1/4X1	1	10	030	24.53
591-211-7AR	1-1/2X1	1	25	030	28.06
591-212-7AR	1-1/2X1-1/4	1	25	030	27.46

**Special Reinforced 90° EII Outlet**  
FBT x SR FIPT



591-010-8SRA	1	15	0	030	27.12
591-012-8SRA	1-1/4	15	0	030	30.98
591-015-8SRA	1-1/2	15	0	030	33.26

**Brass Thread 90° EII Outlet**  
FBT x FIPT with Brass Thread Insert



591-010-8BRA	1	15	0	030	33.73
591-012-8BRA	1-1/4	10	0	030	74.70
591-015-8BRA	1-1/2	10	0	030	107.99

Not intended to convey or dispense water for human consumption through drinking or cooking

**90° Street EII Outlet**  
MBT x FBT with O-rings



591-010-1AR	1	1	25	030	21.30
591-012-1AR	1-1/4	1	10	030	24.81
591-015-1AR	1-1/2	1	25	030	28.30

**Riser Nipple**  
MBT (8" Length) with O-rings



59-010-08R	1X8	1	25	030	15.70
59-012-08R	1-1/4X8	1	10	030	20.46
59-015-08R	1-1/2X8	1	25	030	25.20

**Riser Nipple**  
MBT (10" Length) with O-rings



59-010-10R	1X10	1	25	030	16.83
59-012-10R	1-1/4X10	1	10	030	21.73
59-015-10R	1-1/2X10	1	25	030	26.64

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Riser Nipple**  
MBT (12" Length) with O-rings



59-010-12R	1X12	1	25	030	19.09
59-012-12R	1-1/4X12	1	10	030	23.53
59-015-12R	1-1/2X12	1	25	030	28.04

**Riser Nipple**  
MBT (14" Length) with O-rings



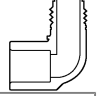
59-010-14R	1	1	25	030	13.62
59-012-14R	1-1/4	1	15	030	16.60
59-015-14R	1-1/2	1	15	030	18.68

**Riser Nipple**  
MBT (16" Length) with O-rings



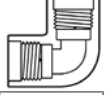
59-010-16R	1	1	45	030	14.83
59-012-16R	1-1/4	1	25	030	18.52
59-015-16R	1-1/2	1	20	030	20.97

**90° Street EII Outlet**  
SOC x MBT with O-rings



593-010-1AR	1	1	25	030	21.30
593-012-1AR	1-1/4	1	10	030	24.81
593-015-1AR	1-1/2	1	25	030	28.30

**90° EII Outlet**  
FBT x FBT



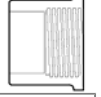
591-010-6A	1	95	0	030	17.35
591-012-6A	1-1/4	1	65	030	19.35
591-015-6A	1-1/2	50	0	030	25.38

**Long Spigot Inlet**  
SPIG x MBT with O-ring (4" in length)



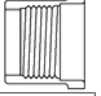
598-010-4AR	1	1	25	030	17.35
598-012-4AR	1-1/4	1	25	030	19.22
598-015-4AR	1-1/2	1	25	030	21.03

**Reducer Bushing**  
SPIGOT x FAT (Female Acme Thread)



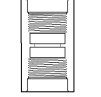
598-168-27	1-1/4X1	20	120	030	4.03
598-212-27	1-1/2X1-1/4	15	90	030	4.91
598-251-27	2X1-1/2	10	60	030	5.38

**Reducer Bushing**  
SPIGOT x FBT (Female Butress Thread)



598-168-26	1-1/4X1	20	120	030	3.95
598-212-26	1-1/2X1-1/4	10	60	030	4.43
598-251-26	2X1-1/2	10	60	030	5.20

**Riser Extension Coupling**



May be used with 5800 Series Butress Threaded Nipples to Extend Height of Riser

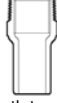
58-010-1	1	140	0	030	14.44
58-012-1	1-1/4	100	0	030	15.18
58-015-1	1-1/2	80	0	030	17.02



**Turf & Irrigation**  
**EverTUFF® TURF™ Swing Joint Riser Assemblies**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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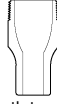
**Special Reinforced**  
**R MIPT x SPIG Adapter**



May be used with SOC Inlet or Outlet to convert to MIPT Inlet or Outlet

590-168R	<b>1-1/4X1</b>	50	0	030	72.84
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**MIPT x SPIG Adapter**



May be used with SOC Inlet or Outlet to convert to MIPT Inlet or Outlet

590-015	<b>1-1/2</b>	25	0	030	10.67
590-211	<b>1-1/2X1</b>	25	0	030	6.16
590-212	<b>1-1/2X1-1/4</b>	25	0	030	6.16

**Wire Holder**



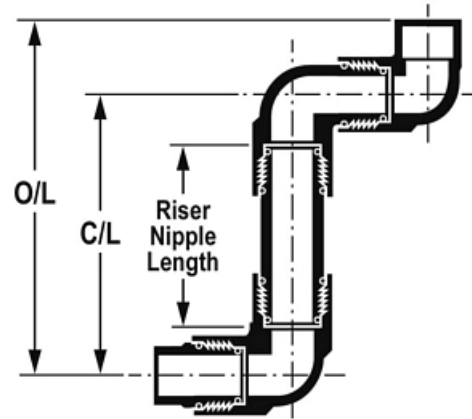
Holds up to 4-wires, #12 or #14 gauge single feeder irrigation control cable.  
 Snaps onto Spears® Swing Joint Risers.

58WH-010	<b>1</b>	1500	0	030	2.12
58WH-012	<b>1-1/4</b>	450	0	030	2.31
58WH-015	<b>1-1/2</b>	400	0	030	2.62



**Swing Joint Riser Dimensions**

RISER NIPPLE LENGTH (IN.)	CENTER TO CENTER C/L			OVERALL LENGTH O/L		
	1"	1-1/4"	1-1/2"	1"	1-1/4"	1-1/2"
<b>5800 SERIES* — MALE BUTTRESS THREADED STYLE</b>						
8	9-11/16	10-3/16	10-7/16	12-1/16	12-11/16	13-1/4
10	11-11/16	12-3/16	12-7/16	14-1/16	14-11/16	15-1/4
12	13-11/16	14-3/16	14-7/16	16-1/16	16-11/16	17-1/4
14	15-11/16	16-3/16	16-7/16	18-1/16	18-11/16	19-1/4
16	17-11/16	18-3/16	18-7/16	20-1/16	20-11/16	21-1/4
18	19-11/16	20-3/16	20-7/16	22-1/16	22-11/16	23-1/4
20	21-11/16	22-3/16	22-7/16	24-1/16	24-11/16	25-1/4
24	25-11/16	26-3/16	26-7/16	28-1/16	28-11/16	29-1/4
<b>5900 SERIES** — CUT &amp; SOLVENT CEMENTED STYLE</b>						
6	9-11/16	10-3/16	10-7/16	12-1/16	12-11/16	12-1/4
7	10-11/16	11-3/16	11-7/16	13-1/16	13-11/16	14-1/4
8	11-11/16	12-3/16	12-7/16	14-1/16	14-11/16	15-1/4
9	12-11/16	13-3/16	13-7/16	15-1/16	15-11/16	16-1/4
10	13-11/16	14-3/16	14-7/16	16-1/16	16-11/16	17-1/4
11	14-11/16	15-3/16	15-7/16	17-1/16	17-11/16	18-1/4
12	15-11/16	16-3/16	16-7/16	18-1/16	18-11/16	19-1/4
13	16-11/16	17-3/16	17-7/16	19-1/16	19-11/16	20-1/4
14	17-11/16	18-3/16	18-7/16	20-1/16	20-11/16	21-1/4
15	18-11/16	19-3/16	19-7/16	21-1/16	21-11/16	22-1/4
16	19-11/16	20-3/16	20-7/16	22-1/16	22-11/16	23-1/4
17	20-11/16	21-3/16	21-7/16	23-1/16	23-11/16	24-1/4
18	21-11/16	22-3/16	22-7/16	24-1/16	24-11/16	25-1/4
19	22-11/16	23-3/16	23-7/16	25-1/16	25-11/16	26-1/4
20	23-11/16	24-3/16	24-7/16	26-1/16	26-11/16	27-1/4
21	24-11/16	25-3/16	25-7/16	27-1/16	27-11/16	28-1/4
22	25-11/16	26-3/16	26-7/16	28-1/16	28-11/16	29-1/4
23	26-11/16	27-3/16	27-7/16	29-1/16	29-11/16	30-1/4
24	27-11/16	28-3/16	28-7/16	30-1/16	30-11/16	31-1/4



- BSP** = British Standard Pipe
- C/L** = Centerline to Centerline
- DIN** = European Metric Standard
- FAT** = Female Acme Thread
- FBT** = Female Buttress Thread
- FIPT** = Female Iron Pipe Thread
- GMPT** = Glued Male Pipe Thread
- JIS** = Japanese Industrial Standard
- MAT** = Male Acme Thread
- MBT** = Male Buttress Thread
- MIPT** = Male Iron Pipe Thread
- NPL** = Nipple
- O/L** = Overall Length
- SOC** = IPS Solvent Weld Socket
- SPIG** = Spigot End
- SR FIPT** = Special Reinforced Female Iron Pipe Thread

\* Buttress Threaded Riser Lengths may be extended with the use of Riser Extension Couplings.

\*\* Additional Nipple lengths are available. Please contact your servicing Spears® Regional Distribution Center.

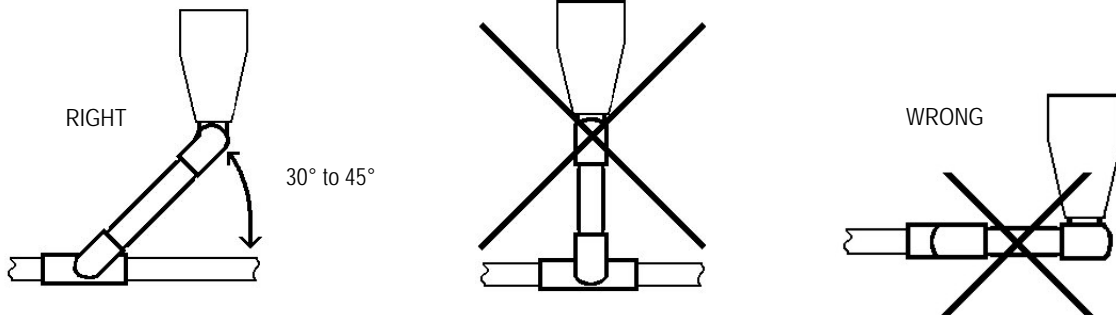




## Turf & Irrigation Turf Swivel Joints

Turf Swivel Joints, Compact Turf Swivel Joints and Turf Swivel Joint Kits are designed for open discharge systems and are not to be used with valve-in-head sprinklers or quick coupler valves. Can be used with bottom or side sprinklers. Provides 360° adjustment in three planes to place sprinklers at desired locations.

Turf Swivel Joint Assemblies should NOT be installed perpendicular or parallel to the supply line.



Turf Swivel Joint and Compact Turf Swivel Joints are pre-assembled from the factory with O-ring threaded joints. Turf Swivel Joint Kits are provided as two assemblies for use with user supplied pipe in solvent welded field assembly. These joints are pre-lubricated and should not be disassembled, as dirt, sand or other foreign objects could damage the O-ring or threads and cause leakage.

Prior to beginning installation, tighten each O-ring thread joint completely, and then back out the male part one full turn to allow the joint to swivel a full 360°.

# Turf & Irrigation Turf Swivel Kits

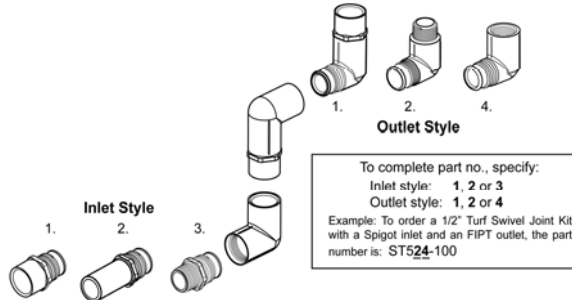


## 3-Elb Swivel Joint Kits

Complete kit for field assembly with any length of user supplied pipe. Kit includes upper and lower Elbow assemblies with choice of the following Inlet & Outlet Options:

**Inlet Code:**  
 1 = Socket  
 2 = Spigot  
 3 = Mipt

**Outlet Code:**  
 1 = Socket  
 2 = Mipt  
 4 = Fipt



## Turf Swivel Joint Kit

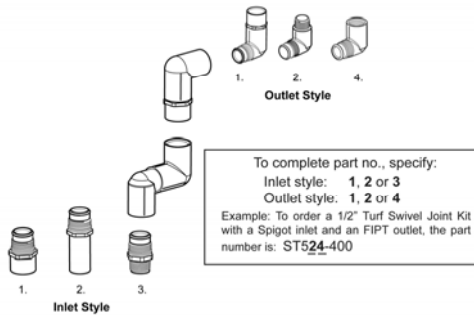
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>3-Elb Swivel Joint Kits</b>					
ST5_-100	<b>1/2</b>	10	0	030	18.63
ST7_-100	<b>3/4</b>	10	0	030	21.03
ST9_-100	<b>1</b>	10	0	030	24.48

## 4-Elb Swivel Joint Kits

Complete kit for field assembly with any length of user supplied pipe. Kit includes upper and lower Elbow assemblies with choice of the following Inlet & Outlet Options:

**Inlet Code:**  
 1 = Socket  
 2 = Spigot  
 3 = Mipt

**Outlet Code:**  
 1 = Socket  
 2 = Mipt  
 4 = Fipt



## 4-Elb Swivel Joint Kits

ST5_-400	<b>1/2</b>	10	0	030	19.78
ST7_-400	<b>3/4</b>	10	0	030	22.21
ST9_-400	<b>1</b>	10	0	030	26.80



## Turf & Irrigation Turf Swivel Joints

Complete Factory Assembly. Available in sizes 1/2", 3/4" and 1" with the following Lay Length Options:

8" = 8L  
12" = 12L  
15" = 15L  
19" = 19L

Choice of the following Inlet & Outlet Options:

Inlet Code

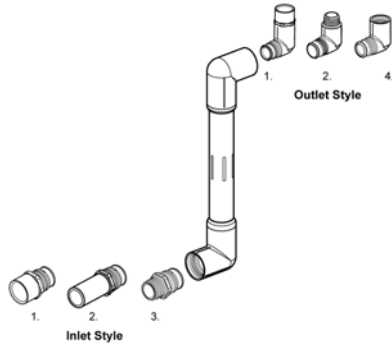
1 = Socket  
2 = Spigot  
3 = Mipt

Outlet Code

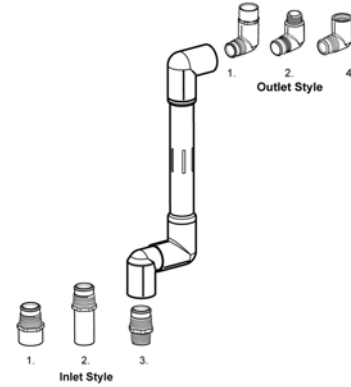
1 = Socket  
2 = Mipt  
4 = FIPT

To complete part no., specify:  
Inlet style: 1, 2, or 3  
Outlet style: 1, 2, or 4  
Example: To order a 1/2" 3-Ell Turf Swivel Joint with an 8" lay length, a Spigot inlet and an FIPT outlet, the part number is: ST5 24 .208

3-Ell Turf Swivel Joint



4-Ell Turf Swivel Joint



### Turf Swivel Joints

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### 3-Ell Turf Swivel Joints

ST5_-208	1/2X8L	10	0	030	29.20
ST5_-212	1/2X12L	10	0	030	29.55
ST5_-215	1/2X15L	10	0	030	30.46
ST5_-219	1/2X19L	10	0	030	31.44
ST7_-208	3/4X8L	10	0	030	31.48
ST7_-212	3/4X12L	10	0	030	32.97
ST7_-215	3/4X15L	10	0	030	33.61
ST7_-219	3/4X19L	10	0	030	34.41
ST9_-208	1X8L	10	0	030	34.67
ST9_-212	1X12L	10	0	030	35.76
ST9_-215	1X15L	10	0	030	36.69
ST9_-219	1X19L	10	0	030	37.95
ST57_-208	1/2X3/4X8L	10	0	030	29.20
ST57_-212	1/2X3/4X12L	10	0	030	29.55
ST57_-215	1/2X3/4X15L	10	0	030	30.46
ST57_-219	1/2X3/4X19L	10	0	030	31.44
ST75_-208	3/4X1/2X8L	10	0	030	31.48
ST75_-212	3/4X1/2X12L	10	0	030	32.97
ST75_-215	3/4X1/2X15L	10	0	030	33.61
ST75_-219	3/4X1/2X19L	10	0	030	33.61

#### 4-Ell Turf Swivel Joints

ST5_-408	1/2X8L	10	0	030	29.83
ST5_-412	1/2X12L	10	0	030	30.18
ST5_-415	1/2X15L	10	0	030	31.02
ST5_-419	1/2X19L	10	0	030	31.93
ST7_-408	3/4X8L	10	0	030	32.11
ST7_-412	3/4X12L	10	0	030	33.53
ST7_-415	3/4X15L	10	0	030	34.17
ST7_-419	3/4X19L	10	0	030	34.90
ST9_-408	1X8L	10	0	030	36.47
ST9_-412	1X12L	10	0	030	37.48
ST9_-415	1X15L	10	0	030	38.39
ST9_-419	1X19L	10	0	030	39.59
ST57_-408	1/2X3/4X8L	10	0	030	29.83
ST57_-412	1/2X3/4X12L	10	0	030	30.18
ST57_-415	1/2X3/4X15L	10	0	030	31.02
ST57_-419	1/2X3/4X19L	10	0	030	31.93
ST75_-408	3/4X1/2X8L	10	0	030	33.61
ST75_-412	3/4X1/2X12L	10	0	030	34.90

### Turf Swivel Joints (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### 4-Ell Turf Swivel Joints

ST75_-415	3/4X1/2X15L	10	0	030	34.90
ST75_-419	3/4X1/2X19L	10	0	030	34.90

## Turf & Irrigation Compact Turf Swivel Joints



**Factory Assembled**  
**All Inlets are Swivel Male Threads**

**Three Outlet Choices:**

Series ST11 & ST41 = Female Pipe Threads  
Series ST12 & ST42 = Swivel Male Pipe Threads  
Series ST13 & ST43 = Male Pipe Threads

Also available in 1" MBSP inlet x 1" MBSP outlet. Contact Spears® for pricing and availability.

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
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### 3-El Compact Swivel Joints

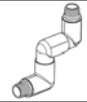
Swivel Mipt x Fipt



ST1105	1/2	10	0	030	18.63
ST1107	3/4	10	0	030	21.03
ST1110	1	10	0	030	24.49

### 3-El Compact Swivel Joints

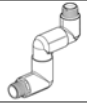
Swivel Mipt x Swivel Mipt



ST1205	1/2	10	0	030	18.63
ST1207	3/4	10	0	030	21.03
ST1210	1	10	0	030	24.49

### 3-El Compact Swivel Joints

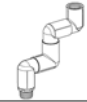
Swivel Mipt x Mipt



ST1305	1/2	10	0	030	18.63
ST1307	3/4	10	0	030	21.03
ST1310	1	10	0	030	24.49

### 4-El Compact Swivel Joints

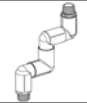
Swivel Mipt x Fipt



ST4105	1/2	10	0	030	19.78
ST4107	3/4	10	0	030	22.21
ST4110	1	10	0	030	26.80

### 4-El Compact Swivel Joints

Swivel Mipt x Swivel Mipt



ST4205	1/2	10	0	030	19.78
ST4207	3/4	10	0	030	22.21
ST4210	1	1	10	030	26.80

### 4-El Compact Swivel Joints

Swivel Mipt x Mipt



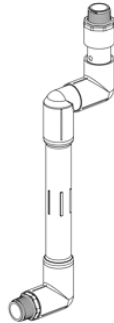
ST4305	1/2	10	0	030	19.78
ST4307	3/4	10	0	030	22.21
ST4310	1	10	0	030	26.80



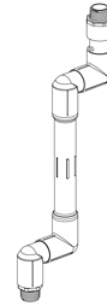
## Turf & Irrigation Pressure Regulated Swivel Joints & Turf Swivel Joint Replacement Parts

### Pressure Regulated Swivel Joints

3-ElI Pressure Regulated Swivel Joint



4-ElI Pressure Regulated Swivel Joint



#### Pressure Regulated Swivel Joints

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>3-ElI - Mipt x Mipt</b>					
ST73PR-208	3/4X8L	10	0	030	58.31
ST73PR-212	3/4X12L	10	0	030	59.90
ST73PR-215	3/4X15L	10	0	030	60.59
ST73PR-219	3/4X19L	10	0	030	61.41
ST93PR-208	1X8L	10	0	030	63.04
ST93PR-212	1X12L	10	0	030	64.19
ST93PR-215	1X15L	10	0	030	65.19
ST93PR-219	1X19L	10	0	030	66.52

#### 4-ElI - Mipt x Mipt

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
ST73PR-408	3/4X8L	10	0	030	61.54
ST73PR-412	3/4X12L	10	0	030	63.15
ST73PR-415	3/4X15L	10	0	030	63.82
ST73PR-419	3/4X19L	10	0	030	64.66
ST93PR-408	1X8L	10	0	030	68.21

#### Pressure Regulated Swivel Joints (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>4-ElI - Mipt x Mipt</b>					
ST93PR-412	1X12L	10	0	030	69.35
ST93PR-415	1X15L	10	0	030	70.35
ST93PR-419	1X19L	10	0	030	71.67

Complete Factory Assembly. Available in sizes 3/4" and 1" with Mipt Inlet x Mipt Outlet and the following Lay Length Options:

8"	=	8L
12"	=	12L
15"	=	15L
19"	=	19L

Maintains constant, uniform pressure to sprinkler at the following pre-set nominal values:

45 psi for 3/4" Turf Swivel Joint

70 psi for 1" Turf Swivel Joint

Not recommended for use in systems with pressures equal to or less than regulated pressures above.

Pressure Rating @ 73°F (23°C), Water 315 psi

### Turf Swivel Joint Replacement Parts

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Coupling</b> FAT x FAT					
ST430-007	3/4	1	200	030	6.15
ST430-010	1	1	250	030	8.17



#### 90° Elbow

FAT x FAT

ST1101-005	1/2	1	300	030	3.55
ST1101-007	3/4	1	250	030	4.10
ST1101-101	3/4X1/2	1	270	030	3.74
ST1101-010	1	1	175	030	6.76



#### 90° Elbow

FAT x SOC

ST1102-005	1/2	1	350	030	3.55
ST1102-007	3/4	1	250	030	4.10
ST1102-010	1	1	160	030	6.76



#### 90° Street ElI

MAT x FAT

ST425-005	1/2	1	200	030	5.17
ST425-007	3/4	1	300	030	5.52
ST425-010	1	1	200	030	7.68



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket Inlet #1</b> SOC x MAT					
ST436-005	1/2	1	350	030	3.32
ST436-007	3/4	50	0	030	3.67
ST436-010	1	1	330	030	6.88



#### Spigot Inlet #2

SPG x MAT

ST105-035	1/2	1	350	030	3.53
ST107-035	3/4	1	50	030	3.95
ST110-040	1	1	140	030	7.20



## Turf & Irrigation Turf Swivel Joint Replacement Parts



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Male Thread Outlet #2

MAT x Mipt



ST408-005	1/2	1	250	030	5.17
ST408-007	3/4	1	25	030	5.52
ST408-010	1	1	150	030	8.17

### Female Thread Outlet #4

MAT x Fipt



ST412-005	1/2	1	250	030	5.17
ST412-007	3/4	1	300	030	5.52
ST412-010	1	1	200	030	7.68

### Molded Nipples

MAT x MAT



ST207-065	3/4X6-1/2	1	200	030	7.31
ST207-105	3/4X10-1/2	1	115	030	16.84
ST210-065	1X6-1/2	1	120	030	9.40
ST210-105	1X10-1/2	1	25	030	22.27

### O-ring Seal



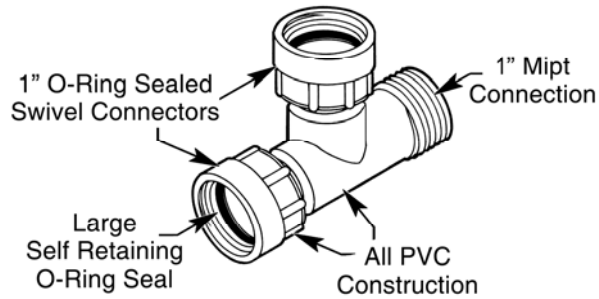
B-113	1/2	100	0	901	.07
B-115	3/4	100	0	901	.07
B-120	1	100	0	901	.17





## Turf & Irrigation PVC Irrigation Manifold Systems

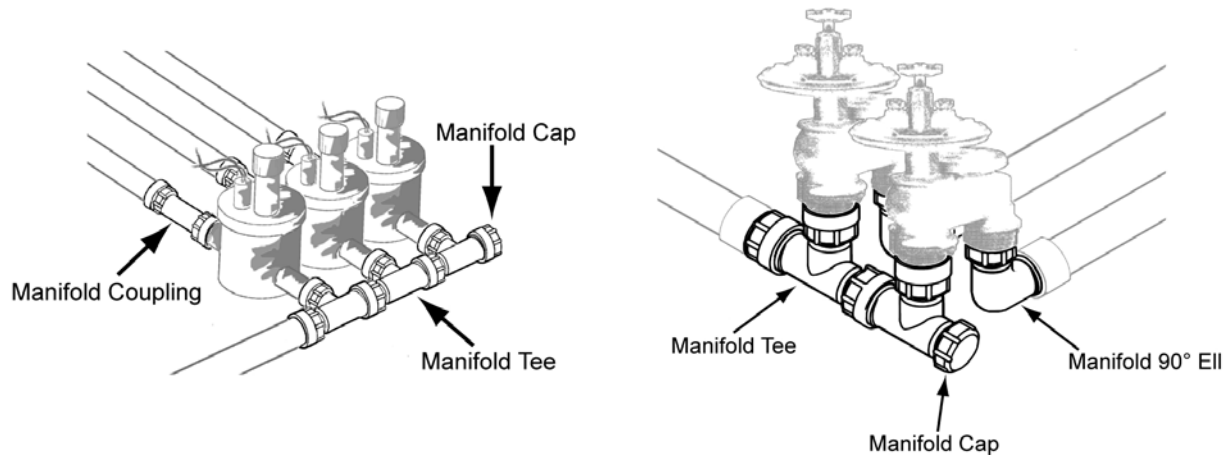
### 1" Manifold Tees & Companion Fitting Configurations Designed For Uniform Irrigation Control Valve Installations



Manifold Tee  
(1" Swivel x 1" Mipt x 1" Swivel)

- O-ring Sealed Swivel Connections Require No Thread Sealants - Large Cross-section O-ring Allows Hand Tight Assembly for Positive Seal
- Compatible with all 1" IPS Pipe Thread Outlets
- Pressure Rated to 150 psi @ 73°F (23°C)

### Typical Application Hundreds of Variation Possibilities



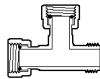
## Turf & Irrigation High Strength 1" Manifold Systems



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Manifold Tee

Swivel x Mipt x Swivel with O-ring Seal



MA0101-010	1	25	0	019	9.41
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### 2 - Port Manifold Tee

Swivel x Mipt x Swivel Branch with O-ring Seal



MA0101-010-2	1	25	0	019	13.66
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### 3 - Port Manifold Tee

Swivel x Mipt x Swivel Branch with O-ring Seal



MA0101-010-3	1	25	0	019	18.81
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### 4 - Port Manifold Tee

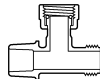
Swivel x Mipt x Swivel Branch with O-ring Seal



MA0101-010-4	1	25	0	019	24.00
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### Manifold Tee

Soc(Spig) x Mipt x Swivel with O-ring Seal



For Solvent Cement Connection

MA0109-010	1 (1-1/4)	25	0	019	8.37
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### Manifold 90° Street El

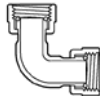
Mipt x Swivel with O-ring Seal



MA0602-010	1	25	0	019	8.04
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### Manifold 90° El

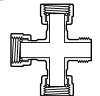
Swivel x Swivel with O-ring Seal



MA0603-010	1	20	0	019	8.87
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### Manifold Cross

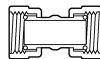
Swivel x Mipt x Swivel x Swivel with O-ring Seal



MA2004-010	1	25	0	019	12.49
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### Manifold Swivel Coupling

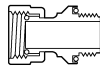
Swivel x Swivel with O-ring Seal



MA2903-010	1	25	200	019	6.66
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### Manifold Nipple Coupling

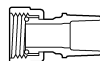
Swivel x Mipt with O-ring Seal



MA2907-010	n/a	25	200	019	4.86
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### Manifold Socket (Spig) Coupling

Swivel x Soc (Spig) with O-ring Seal

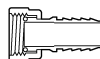


For Solvent Cement Connection

MA2908-010	1 (1-1/4)	25	0	019	4.86
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### Manifold Insert Coupling

Swivel x Barbed Insert with O-ring Seal



MA3505-007	1X3/4	25	200	019	4.84
MA3505-010	1	25	200	019	5.16

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Manifold Cap

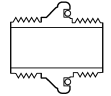
Fipt with O-ring Seal



MA4800-010	1	50	600	019	2.03
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### Manifold Nipple

Mipt x Mipt with O-ring Seal



1" Nipple End Uses MA-218 O-ring

3/4" Nipple End Uses MA-214 O-ring

MA8306-010	1	25	200	019	2.18
MA8306-131	1X3/4	25	200	019	1.91

### Manifold Replacement O-ring

For All 1" Cap/Swivel Connectors & For 3/4" Nipple End



MA-214	1 & 3/4	50	500	901	.47
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### Manifold Nipple Replacement O-ring

For 1" Nipple & For 1" Nippled Coupling End



MA-218	1	50	500	901	.50
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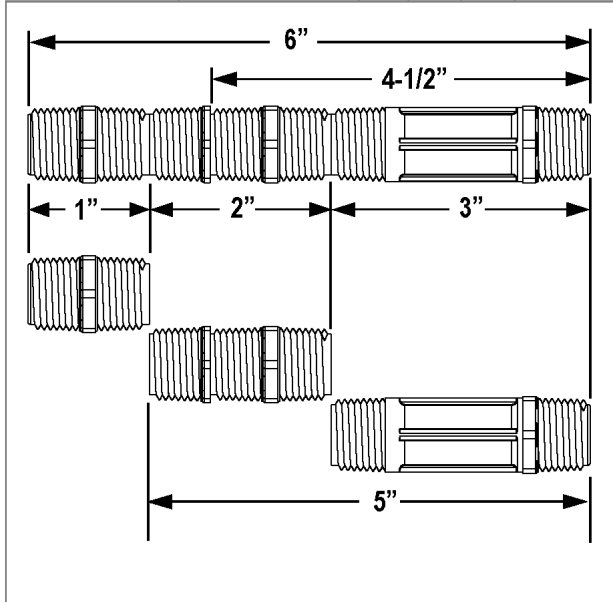


**Turf & Irrigation  
Four-In-One • Cut-Off Nipples**

- High quality polyethylene construction
- Choice of sizes from just one nipple
- Reduces inventory
- Eliminates waste
- Reduces contractor down time

**Four-In-One Cut-Off Nipple**

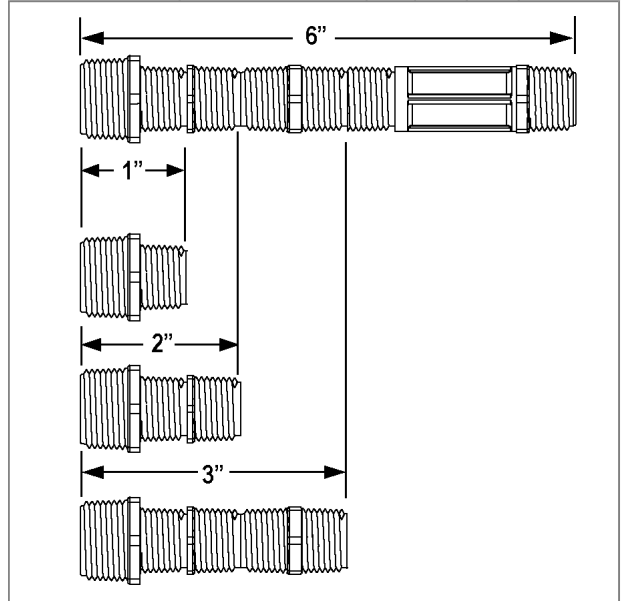
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
M481-005	1/2X6	50	350	123	1.03
M481-007	3/4X6	25	200	123	1.47



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Four-In-One Cut-Off Nipple - Reducing**

M481-101	3/4X1/2X6	50	300	123	1.12
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**Turf & Irrigation**  
 • Hose Fittings • Solvent Weld For Flexible PVC Hose & • Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose



**• Hose Fittings • Solvent Weld For Flexible PVC Hose**

FHT = Female Hose Thread	MHT = Male Hose Thread
Fipt = Female Iron Pipe Thread	Mipt = Male Iron Pipe Thread
HS = Hose Socket	Soc = IPS Solvent Weld Socket
Ins = Male Insert Barb	

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Hose Coupling**



C-44	1/2	200	0	020	.88
C-55	5/8	100	0	020	1.17
C-66	3/4	100	0	020	2.23

**90° Ell  
MHT x Soc**



EHP-007	3/4	50	0	020	2.49
EHP-101	3/4X1/2	50	0	020	2.13

**Hose Tee**

MHT x MHT x FHT Swivel with Washer



AP-101	3/4	50	0	020	4.31
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W-100



W-101

**Hose Washer**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Washer Only**

W-100	3/4	50	1500	020	.04
W-101	3/4	400	2400	020	1.04

**Swivel Adapter**

Fipt x FHT Swivel with Washer



AP-105	1/2X3/4	50	200	020	2.80
AP-106	3/4	50	200	020	2.80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Swivel Adapter**

Mipt x FHT Swivel with Washer



AP-109	3/4	50	200	020	2.80
AP-112	1/2X3/4	50	200	020	2.80

**Swivel Adapter**

FHT Swivel x FHT Swivel with Washer



AP-110	3/4	50	200	020	2.80
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**Female Adapter**

FHT Swivel x HS with Washer



F-64	3/4X1/2	100	0	020	2.17
F-65	3/4X5/8	100	0	020	2.31
F-66	3/4	100	0	020	2.38

**FHT Swivel x Soc**

F-64-P	3/4X1/2	100	0	020	2.17
F-66-P	3/4	100	0	020	2.38

**Male Adapter**

Mipt x HS



M-44	1/2X1/2	50	300	020	1.21
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**MHT x HS**

M-64	3/4X1/2	50	300	020	1.23
M-65	3/4X5/8	50	200	020	1.96
M-66	3/4	50	200	020	2.27

**MHT x Soc**

M-64-P	3/4X1/2	50	200	020	1.21
M-66-P	3/4	50	200	020	2.27

**• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Female Compression Adapter**

FHT x Poly Adapter with Insert Expander



F-64B	3/4X1/2	50	600	020	1.96
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**Male Compression Adapter**

MHT x Poly Adapter with Insert Expander



M-64B	3/4X1/2	100	0	020	1.50
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**Hose Tee**

Ins x Ins x FHT Swivel



AP-101B	1/2X3/4	50	0	020	3.36
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Transition Tee**

Soc x Soc x Ins



1102-007	3/4	50	0	040	3.06
1102-130	1X1/2	200	0	040	3.43
1102-250	2X1-1/4	10	0	040	4.83

**Insert Coupling**

Ins x Ins



1429-005A	1/2	200	0	140	.93
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**Insert Male Adapter**

Ins x Mipt



1436-005A	1/2	200	0	140	.78
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**Turf & Irrigation**  
**• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose & Irrigation Accessories**

**• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
-------------	------	--------	----------	-----------	------------

**Plug**  
MHT



HPL-6	3/4	100	600	020	1.96
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**Cap**  
FHT with Washer



AP-100	3/4	200	0	020	1.63
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Hose Closure**  
For 1/2" Poly Hose



S-HC-1	1/2	200	0	020	.86
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**Irrigation Accessories**

Spears® PVC Adapter System offers a unique method for expanding field irrigation systems that lends versatility and economy to your project. These adapters are designed to use 1/2", 5/8" or 3/4" vinyl hose, and the Rebar fittings and crosses accept a 1/2" or 3/4" sprinkler base. Transition to the existing system can be accomplished with any one of the threaded outlets offered.

*New Installation* — Spears® PVC Adapter System is designed with threaded or swivel thread connections which simplify the initial installation and minimize material, manpower and installation costs. Additional savings accrue through a reduction of the number of laterals required.

*Improving Existing Systems* — The Spears® Adapter System is ideal for updating existing systems because it readily adapts to aluminum or PVC mains and laterals. Expansion or refinement of the irrigation system is easily accomplished through the versatility afforded the user in the location of the new sprinkler heads.

- BSW = British Standard Whitworth Thread
- FHT = Female Hose Thread
- Fipt = Female Iron Pipe Thread
- MHT = Male Hose Thread
- Mipt = Male Iron Pipe Thread

- NFT = National Fine Thread
- Rebar = Accepts 1/2" Rebar
- Soc = IPS Solvent Weld Socket
- Spig = Spigot

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Hose System Riser**  
Soc x Mipt



RM-64	1/2	75	0	020	4.79
RM-66	3/4	75	0	020	4.79

**Hose System Riser**  
Soc x MHT



RM-66-H	3/4	75	0	020	4.79
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**Hose System Riser**  
Soc x Fipt



RF-64	1/2	75	0	020	5.97
RF-66	3/4	70	0	020	5.97

**Trickle Irrigation Hex Cap**  
Fipt (Less Holes)



T-1	1/2	800	0	020	1.56
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**Shrub Adapter**  
Fipt x NFT



PA2010-01	1/2X10-32	50	300	020	1.21
PA2010-03	1/2X5/16	50	300	020	1.21

PA2010-02	1/2X1/8	50	300	020	1.21
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PA2010-04	1/2X3/8	50	300	020	1.21
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Shrub Adapter**  
Soc x NFT



PA2020-01	1/2X10-32	50	300	020	1.21
PA2020-03	1/2X5/16	50	300	020	1.21

PA2020-02	1/2X1/8	50	300	020	1.21
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PA2020-04	1/2X3/8	50	300	020	1.21
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**Transition Nipple**  
Mipt x MHT (1.790 Length)



N-1	3/4X3/4	50	300	020	1.28
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N-2	3/8X1/2	50	300	020	1.28
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N-3	1/2X3/4	50	300	020	1.28
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N-4	3/4X1/2	50	300	020	1.28
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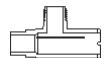
**Pipe Support (90° Clip to Body)**  
Without Nail Holes



PS4-90	1/2	750	0	020	.57
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PS4-90N	1/2	750	0	020	.72
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**Manifold Tee**  
Spig x Soc x Mipt



476-010	1	20	0	020	5.68
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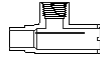
**Turf & Irrigation  
Irrigation Accessories & Hose Adapters**



**Irrigation Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Manifold Tee**  
Spig x Soc x Fipt



477-010	1	25	0	020	5.68
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**Hose Adapters**

**For Solid Set Or Moveable Aluminum Systems**

- Fipt = Female Iron Pipe Thread
- MHT = Male Hose Thread
- Mipt = Male Iron Pipe Thread
- Rebar = Accepts 1/2" Rebar

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cross**  
MHT x MHT x Fipt x MHT



P-101	3/4X3/4X1/2X3/4	125	0	020	8.46
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**MHT x MHT x Fipt x Mipt**

P-100	3/4	125	0	020	8.46
P-102	3/4X3/4X1/2X3/4	100	0	020	8.46
P-103	3/4X3/4X1/2X1/2	125	0	020	8.46

**Rebar Cross**  
MHT x MHT x Fipt x Rebar



PR-101	3/4X1/2	50	0	020	9.10
PR-103	3/4X3/4X1/2X1/2	50	0	020	9.10

**Rebar Ell**  
MHT x Fipt x Rebar



PR-100	3/4X1/2X1/2	100	0	020	4.79
PR-102	3/4X3/4X1/2	100	0	020	4.79



## Turf & Irrigation Sprinkler Accessories

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Standard Sprinkler Stand

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

ES-443†	1/2X3/8	100	0	020	7.43
ES-444†	1/2X1/2	100	0	020	7.43
ES-543*	5/8X1/2X3/8	75	0	020	8.63
ES-544*	5/8X1/2X1/2	75	0	020	8.63
ES-553*	5/8X3/8	75	0	020	9.60
ES-554*	5/8X1/2	75	0	020	9.60
ES-653*	3/4X5/8X3/8	75	0	020	10.52
ES-654*	3/4X5/8X1/2	75	0	020	10.52
ES-663*	3/4X3/8	75	0	020	11.01
ES-664*	3/4X1/2	75	0	020	11.01

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the ES-443 or ES-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

### Easy Pull Sled

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

EP-443†	1/2X3/8	20	0	020	17.98
EP-444†	1/2	20	0	020	17.98
EP-543*	5/8X1/2X3/8	20	0	020	19.19
EP-544*	5/8X1/2X1/2	20	0	020	19.19
EP-553*	5/8X3/8	20	0	020	20.36
EP-554*	5/8X1/2	20	0	020	20.36
EP-653*	3/4X5/8X3/8	20	0	020	20.62
EP-654*	3/4X5/8X1/2	20	0	020	20.62
EP-663*	3/4X3/8	20	0	020	21.09
EP-664*	3/4X1/2	20	0	020	21.09

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the EP-443 or EP-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

### Tow-Line Tee

Soc



Assembled as shown

TL-112	1X1X1/2	15	0	020	11.98
TL-123	2X2X1/2	25	0	020	14.36

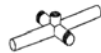
Soc x Soc x Fipt

TL-112-1	1X1X1/2	30	0	020	12.94
TL-116-1	1-1/4X1-1/4X1/2	30	0	020	13.19
TL-120-1	1-1/2X1-1/2X1/2	25	0	020	13.67
TL-123-1	2X2X1/2	25	0	020	14.86

NOTE: The Tow-Line Tee is used in conjunction with PVC Schedule 40 Pipe with solvent weld connection.

### Hose Cross - with Legs

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

HC-443†	1/2X3/8	60	0	020	8.63
HC-444†	1/2X1/2	60	0	020	8.63
HC-543*	5/8X1/2X3/8	60	0	020	9.83
HC-544*	5/8X1/2X1/2	60	0	020	9.83
HC-553*	5/8X3/8	60	0	020	11.01
HC-554*	5/8X1/2	60	0	020	11.01
HC-653*	3/4X5/8X3/8	60	0	020	11.74
HC-654*	3/4X5/8X1/2	60	0	020	11.74
HC-663*	3/4X3/8	60	0	020	12.46
HC-664*	3/4X1/2	60	0	020	12.46

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NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS  
Progressive Products from Spears® Innovation and Technology

Spears® Manufacturing Company

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Hose Cross - with Legs (continued)

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the HC-443 or HC-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

NOTE: Hose Crosses are standard with 4" legs. 8" legs are available upon request. Add "8" at the end of above Part Numbers for 8" legs (for example: HC-443-8). Contact your servicing Regional Distribution Center for pricing.

### Hose Cross - Less Legs

Hose Socket Inlet x Hose Socket Inlet x IPS Riser Outlet



Shown without adapters

HC-443-1†	1/2X3/8	220	0	020	4.31
HC-444-1†	1/2X1/2	200	0	020	4.31
HC-543-1*	5/8X1/2X3/8	60	0	020	5.97
HC-544-1*	5/8X1/2X1/2	60	0	020	5.97
HC-553-1*	5/8X3/8	50	0	020	7.90
HC-554-1*	5/8X1/2	50	0	020	7.90
HC-653-1*	3/4X5/8X3/8	60	0	020	8.16
HC-654-1*	3/4X5/8X1/2	60	0	020	8.16
HC-663-1*	3/4X3/8	60	0	020	8.63
HC-664-1*	3/4X1/2	60	0	020	8.63

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

\* Item assembled when ordered — by providing either the HC-443-1 or HC-444-1 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.



# Turf & Irrigation Dri-Splice Wire Connectors

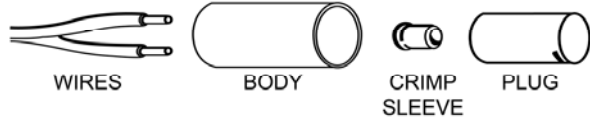


**For use in electrical systems with 30v or less.**

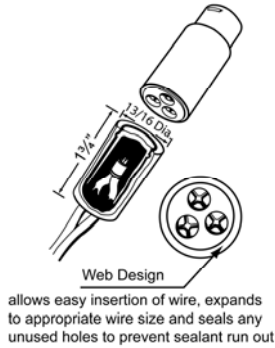
The Spears® Dri-Splice Seal designed into each wire hole enables you to stock one connector for all applications. The Dri-Splice Seal features an interference webbing which expands to accommodate #18 through #6 gauge wire sizes. In the event only two holes are used, the Dri-Splice Seal prevents sealant from leaking out through the third hole.

**SOLD IN STANDARD PACK QUANTITIES ONLY**

**DS-100/DS-150 & DS-400/DS-450 Dri-Splice Wire Connector Installation Information**



1. Insert wires through holes in base of body.
2. Twist stripped wires together and apply crimp sleeve with an indent type crimping tool. Trim excess bare wire.
3. DS-100 & DS-150 ONLY — Fill Plug to brim with DS-300 sealant.
4. Invert body and insert plug into body until it snaps tight.
5. Push wires all the way into the plug to completely seal the crimp sleeve.
6. DS-100 & DS-150 ONLY — Be certain sealant has formed into all holes in body.



**DS-100 & DS-150 Dri-Splice**

- DS-100 fits AWG #18, #14, #12, or #10
- DS-150 fits AWG #14, #12, #10, #8, or #6
- Designed to insure waterproof connections
- Easily installed in the field without special tools
- Permanent protection for underground wire splices
- Requires the use of DS-300 Sealant

**DS-400 & DS-450 Pre-Filled Dri-Splice**

- All the features of the DS-100 or DS-150, plus the added benefit of being pre-filled with Dielectric Silicone Sealant
- Reduced inventory requirements
- Insures proper amount and type of Sealant every time
- Eliminates costly waste and clean-up
- Makes installations quick, clean and efficient

**Dri-Splice Wire Connectors**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Dri-Splice Wire Connector with Crimp Sleeve (Sealant sold separately)</b>					
DS-100	AWG #18, #14, #12, #10	25	400	020	1.39
DS-150	AWG #14, #12, #10, #8, #6	25	400	020	1.66

**Pre-Filled Dri-Splice Wire Connector with Crimp Sleeve**

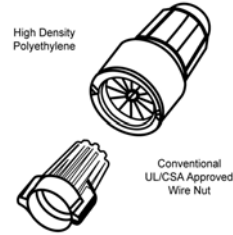
DS-400	AWG #18, #14, #12, #10	25	400	020	3.03
DS-450	AWG #14, #12, #10, #8, #6	25	400	020	3.30

**Crimp Sleeves**

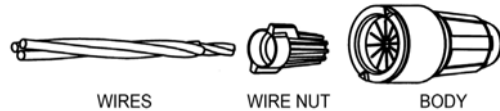
DS-200	AWG #18, #14, #12, #10	25	15000	901	.24
DS-250	AWG #14, #12, #10, #8, #6	25	12500	901	.50

**Dri-Splice Sealant For DS-100 and DS-150  
(Approx. 30 connections per 5 oz. tube)**

DS-300	AWG #18, #14, #12, #10	24	0	020	14.53
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**DS-500 Dri-Splice Wire Connector Installation Information**



1. Strip wires and install wire nut.
2. wire nut wings with arrows and insert fully into body.

Sealant: **Dri-Splice Wire Connector General Information**  
**DS-300 Sealant\*** (for DS-100 & DS-150) -MSDS available upon request.  
**DS-400 & DS-450 Dielectric Silicone Sealant\***-defined as an Article, per OSHA 29 CFR 1910, 1200, which does not require an MSDS.  
**DS-500 Dielectric Silicone Sealant\***-defined as an Article, per OSHA 29 CFR 1910, 1200, which does not require an MSDS.

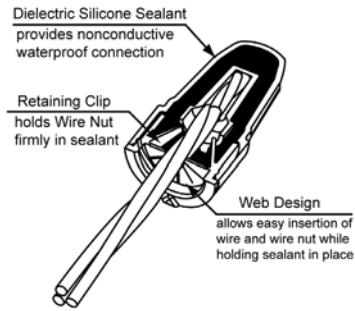
Shelf Life: **DS-300** (unopened tube)— One Year\*  
**DS-400 & DS-450** — Indefinite at 73°F (23°C)\*  
**DS-500**— Indefinite at 73°F (23°C)\*

Electrical Systems: For use in electrical systems with 30v or less. UL Listing NOT required in most areas.

DS-100/DS-150 & DS-400/DS-450 Components: **Plug**— PVC  
**Body**— PVC  
**Crimp Sleeve**— UL and CSA Listed for 18 - 10 awg solid or stranded copper conductors.

DS-500 Components: **Body**— Polyethylene  
**Wire Nut**— Twist-On Spring Type - UL/CSA Listed for 22 - 10 awg solid or stranded copper wire.

\* Information developed and furnished by the Sealant Manufacturers. For additional information, please contact Spears® Technical Services Department.



**DS-500 Dri-Splice Wire Connector**  
**For use in electrical systems with 30v or less.**

Spears® NEW DS-500 Dri Splice Wire Connector is the fast, reliable and clean way of making positive, waterproof connections you can depend on. Simply twist Wire Nut on and insert into Dielectric Silicone Sealant Cartridge. The DS-500 is specially designed for irrigation systems and low voltage lighting, marine and security systems and suitable for direct burial.

- Allows full assembly and check of connection prior to sealing
- Accepts wire combinations from 3 #22 to 3 #10 AWG solid or stranded copper wire
- Special "No-Mess" cartridge design fully encloses sealant
- Internal interlock prevents disengagement of wire nut from sealant cartridge

**Dri-Splice Wire Connectors**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Pre-Filled Dri-Splice Wire Connector with Wire Nut</b>					
DS-500	3 AWG #22-#10	25	500	020	3.03



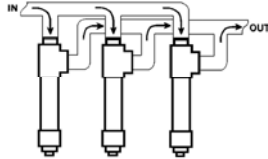
## Turf & Irrigation Filters

Specially designed for agricultural and irrigation applications. Suitable for any application where cool, filtered water is required. Standard units utilize an internal-to-external filter cartridge. See following page for reverse flow (external to internal) filters.



- 200 psi Working Pressure Non-Shock @ 73°F (23°C)
- Filter Body is made from NSF®-PW Approved PVC Material
- Optional Screen Meshes
- Compact Design, Easy to Clean
- Lightweight, Easy to Install
- Filter Screens are designed using a standard perforated Stainless Steel Screen
- Mesh Sizes include an inner Stainless Steel Cloth with Spring Support (external cloth on reverse flow filters)
- Pressure loss: 100 GPM – 3 psi 50 GPM – 1.25 psi
- May be bushed to required pipe size

- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



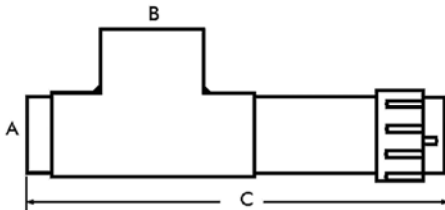
### —CAUTION—

- WATER HAMMER MAY CAUSE SEVERE DAMAGE TO THE FILTER ASSEMBLY.
- BACK FLUSHING IS NOT RECOMMENDED.
- QUALITY GRADE THREAD SEALANT IS RECOMMENDED FOR ALL THREADED PVC CONNECTIONS.

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.

### Filter Dimensions & Weights



Series	A Inlet		B Outlet	C Overall Length	Screen Length	Filter Approx. Weight
	Socket	Spigot				
FLR	2-1/2	3	4	28	24	8
MFLR	2-1/2	3	4	16	12	4-3/4

### Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM</b>					
FL-16*	2-1/2 /3 x 4	1	0	020	527.35
FL-32*	2-1/2 /3 x 4	1	0	020	539.34
FL-50	2-1/2 /3 x 4	1	0	020	611.23
FL-76	2-1/2 /3 x 4	1	0	020	738.28
FL-100	2-1/2 /3 x 4	1	0	020	671.16
FL-150	2-1/2 /3 x 4	1	0	020	695.15
FL-200	2-1/2 /3 x 4	1	0	020	755.07

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4a) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5a when ordering.

### 50 GPM

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16*	2-1/2 /3 x 2	1	0	020	443.48
MFL-32*	2-1/2 /3 x 2	1	0	020	450.65
MFL-50	2-1/2 /3 x 2	1	0	020	465.01
MFL-76	2-1/2 /3 x 2	1	0	020	563.33
MFL-100	2-1/2 /3 x 2	1	0	020	491.41
MFL-150	2-1/2 /3 x 2	1	0	020	515.37
MFL-200	2-1/2 /3 x 2	1	0	020	575.29

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4a) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5a when ordering.

### Filter Replacement Screens

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM (24" Length)</b>					
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11

### Filter Replacement Screens (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM (24" Length)</b>					
FL-50-1	50 Mesh	3	0	020	455.45
FL-76-1	76 Mesh	3	0	020	450.65
FL-100-1	100 Mesh	3	0	020	354.78
FL-150-1	150 Mesh	3	0	020	383.52
FL-200-1	200 Mesh	3	0	020	474.62

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

### 50 GPM (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFL-50-1	50 Mesh	3	0	020	239.71
MFL-76-1	76 Mesh	3	0	020	340.38
MFL-100-1	100 Mesh	3	0	020	263.69
MFL-150-1	150 Mesh	3	0	020	292.46
MFL-200-1	200 Mesh	3	0	020	359.54

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

### Filter Replacement Components

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM Filter Body</b>					
FL-11	2-1/2 /3 X 4	1	0	020	359.54
<b>50 GPM Filter Body</b>					
MFL-11	2-1/2 /3 X 2	1	0	020	275.66
<b>Components for Old-Style Filters w/3" Bottom Cap</b>					
<b>Filter Cap w/Gasket</b>					
FL-4A	3X1-1/4	1	70	020	29.97

## Turf & Irrigation Filters & Reverse Flow Filters



### Filters

#### Components for Old-Style Filters w/3" Bottom Cap (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Filter Cap w/Gasket</b>					
FL-5A	3X1/4	70	0	020	29.97
<b>Cap Gasket Only</b>					
FCG-5	3	2	0	020	9.54

#### Components for New-Style Filters w/4" Bottom Cap

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Filter Cap w/O-rings</b>					
FL-4B	4X1-1/4	25	0	020	55.07
FL-5B	4X1/4	1	0	020	89.09
Includes Cap with Cap O-ring (1) and bottom Filter Bushing O-ring (1)					
<b>Cap O-Ring Only</b>					
B-242	---	100	0	901	.79
<b>Filter Bushing O-Rings</b>					
B-335-60	---	100	0	901	3.48
Each filter uses two (2) Filter Bushing O-rings for top and bottom screen seals					

### Reverse Flow Filters



100 GPM



50 GPM

- Filter cartridge specially designed for external-to-internal filtration
- Traps sediment and debris on outside of filter (standard filters use internal-to-external flow)
- 100 GPM and 50 GPM styles available

#### 100 GPM Reverse Flow Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket x Socket/Spigot</b>					
FLR-16*	4X2-1/2 /3	1	0	020	527.35
FLR-32*	4X2-1/2 /3	1	0	020	539.34
FLR-50	4X2-1/2 /3	1	0	020	611.23
FLR-76	4X2-1/2 /3	1	0	020	738.28
FLR-100	4X2-1/2 /3	1	0	020	671.16
FLR-150	4X2-1/2 /3	1	0	020	695.15
FLR-200	4X2-1/2 /3	1	0	020	755.07

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

#### 50 GPM Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket x Socket/Spigot</b>					
MFLR-16*	2X2-1/2 /3	1	0	020	443.48
MFLR-32*	2X2-1/2 /3	1	0	020	450.65
MFLR-50	2X2-1/2 /3	1	0	020	465.01
MFLR-76	2X2-1/2 /3	1	0	020	563.33
MFLR-100	2X2-1/2 /3	1	0	020	491.41
MFLR-150	2X2-1/2 /3	1	0	020	515.37
MFLR-200	2X2-1/2 /3	1	0	020	575.29

\*Standard MFL-16 and MFL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

#### 100 GPM Reverse Flow Filter Replacement Screens (24" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FLR-50-1	50 Mesh	3	0	020	231.22
FLR-76-1	76 Mesh	3	0	020	450.65
FLR-100-1	100 Mesh	3	0	020	320.17

#### 100 GPM Reverse Flow Filter Replacement Screens (24" Length) (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FLR-150-1	150 Mesh	3	0	020	364.34
FLR-200-1	200 Mesh	3	0	020	450.89

#### 50 GPM Reverse Flow Filter Replacement Screens (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFLR-50-1	50 Mesh	3	0	020	243.40
MFLR-76-1	76 Mesh	3	0	020	340.38
MFLR-100-1	100 Mesh	3	0	020	250.49
MFLR-150-1	150 Mesh	3	0	020	277.82
MFLR-200-1	200 Mesh	3	0	020	341.55

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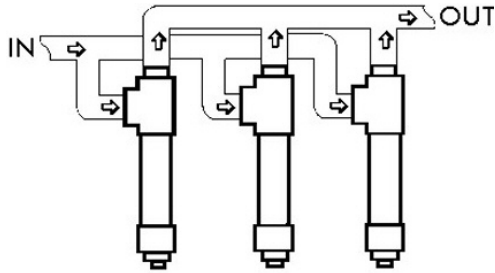


## Turf & Irrigation Reverse Flow Filters

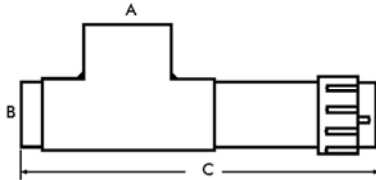
Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: FLR-50 = 50 Mesh

### Typical Reverse Flow Application



- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in direct sunlight, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



Series	A Inlet	B Outlet		C Overall Length	Screen Length	Filter Approx. Weight
		Socket	Spigot			
FLR	4	2-1/2	3	28	24	8
MFLR	4	2-1/2	3	16	12	4-3/4

**Turf & Irrigation**  
**In-line Tee Style Filters and Reverse In-line Tee Style Filters**



**100 GPM and 50 GPM • PVC White • Buna O-ring Seal**



100 GPM



50 GPM

- In-line Design Simplifies Installation.
- Allows Easy Parallel Filter Configuration for Increased Flow and Filtration.
- Removable Type 304 Stainless Steel Filter Cartridges in Assorted Perforations and Screen Mesh.
- Standard Flow Filter (Internal-to-External) Traps Sediment on Inside of Cartridge, Reverse Flow Filter (External-to-Internal) Traps Sediment on Outside of Cartridge.
- Convenient Bottom Drain with 1-1/4" NPT Stainless Steel Reinforced Plastic Thread and Plug. Optional Cap with 1/4" Outlet Available.
- 200 psi Working Pressure for Water @ 73°F (23°C).
- Manufactured from NSF® Certified PVC Material.

**100 GPM PVC White Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
TF-16"	2-1/2 /3 x 2-1/2 /3	1	0	020	527.35
TF-32"	2-1/2 /3 x 2-1/2 /3	1	0	020	539.34
TF-50	2-1/2 /3 x 2-1/2 /3	1	0	020	611.23
TF-76	2-1/2 /3 x 2-1/2 /3	1	0	020	738.28
TF-100	2-1/2 /3 x 2-1/2 /3	1	0	020	671.16
TF-150	2-1/2 /3 x 2-1/2 /3	1	0	020	695.15
TF-200	2-1/2 /3 x 2-1/2 /3	1	0	020	755.07

**50 GPM PVC White Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTF-16"	2-1/2 /3 x 2-1/2 /3	1	0	020	443.48
MTF-32"	2-1/2 /3 x 2-1/2 /3	1	0	020	450.65
MTF-50	2-1/2 /3 x 2-1/2 /3	1	0	020	465.01
MTF-76	2-1/2 /3 x 2-1/2 /3	1	0	020	563.33
MTF-100	2-1/2 /3 x 2-1/2 /3	1	0	020	491.41
MTF-150	2-1/2 /3 x 2-1/2 /3	1	0	020	515.37
MTF-200	2-1/2 /3 x 2-1/2 /3	1	0	020	575.29

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
 Example: TF-50 = 50 Mesh

**100 GPM PVC White Reverse Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
TFR-16"	2-1/2 /3 x 2-1/2 /3	1	0	020	527.35
TFR-32"	2-1/2 /3 x 2-1/2 /3	1	0	020	539.34
TFR-50	2-1/2 /3 x 2-1/2 /3	1	0	020	611.23
TFR-76	2-1/2 /3 x 2-1/2 /3	1	0	020	738.28
TFR-100	2-1/2 /3 x 2-1/2 /3	1	0	020	671.16
TFR-150	2-1/2 /3 x 2-1/2 /3	1	0	020	695.15
TFR-200	2-1/2 /3 x 2-1/2 /3	1	0	020	755.07

**50 GPM PVC White Reverse Tee Filter**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTFR-16"	2-1/2 /3 x 2-1/2 /3	1	0	020	443.48
MTFR-32"	2-1/2 /3 x 2-1/2 /3	1	0	020	450.65
MTFR-50	2-1/2 /3 x 2-1/2 /3	1	0	020	465.01
MTFR-76	2-1/2 /3 x 2-1/2 /3	1	0	020	563.33
MTFR-100	2-1/2 /3 x 2-1/2 /3	1	0	020	491.41

**50 GPM PVC White Reverse Tee Filter (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTFR-150	2-1/2 /3 x 2-1/2 /3	1	0	020	515.37
MTFR-200	2-1/2 /3 x 2-1/2 /3	1	0	020	575.29

**100 GPM Filter Replacement Screens for TF Filters (24" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
FL-32-1	<b>1/32" Holes</b>	3	0	020	230.11
FL-50-1	<b>50 Mesh</b>	3	0	020	455.45
FL-76-1	<b>76 Mesh</b>	3	0	020	450.65
FL-100-1	<b>100 Mesh</b>	3	0	020	354.78
FL-150-1	<b>150 Mesh</b>	3	0	020	383.52
FL-200-1	<b>200 Mesh</b>	3	0	020	474.62

NOTE: When ordering replacement screens for TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**50 GPM Filter Replacement Screens for MTF Filters (12" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
MFL-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFL-50-1	<b>50 Mesh</b>	3	0	020	239.71
MFL-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFL-100-1	<b>100 Mesh</b>	3	0	020	263.69
MFL-150-1	<b>150 Mesh</b>	3	0	020	292.46
MFL-200-1	<b>200 Mesh</b>	3	0	020	359.54

NOTE: When ordering replacement screens for TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**100 GPM Reverse Flow Filter Replacement Screens for TFR Filters (24" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FLR-16-1	<b>1/16" Holes</b>	3	0	020	210.94
FLR-32-1	<b>1/32" Holes</b>	3	0	020	230.11
FLR-50-1	<b>50 Mesh</b>	3	0	020	231.22
FLR-76-1	<b>76 Mesh</b>	3	0	020	450.65
FLR-100-1	<b>100 Mesh</b>	3	0	020	320.17
FLR-150-1	<b>150 Mesh</b>	3	0	020	364.34
FLR-200-1	<b>200 Mesh</b>	3	0	020	450.89

**50 GPM Reverse Flow Filter Replacement Screens for MTFR Filters (12" Length)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFLR-16-1	<b>1/16" Holes</b>	3	0	020	210.94
MFLR-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFLR-50-1	<b>50 Mesh</b>	3	0	020	243.40
MFLR-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFLR-100-1	<b>100 Mesh</b>	3	0	020	250.49

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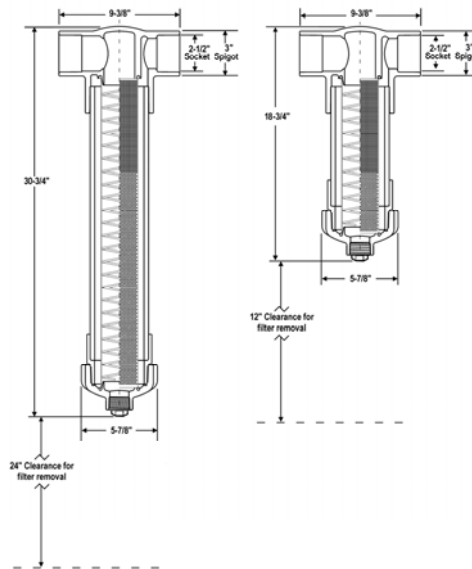
**Turf & Irrigation**  
**In-line Tee Style Filters and Reverse In-line Tee Style Filters**

**50 GPM Reverse Flow Filter Replacement Screens for  
MTR Filters (12" Length) (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFLR-150-1	<b>150 Mesh</b>	3	0	020	277.82
MFLR-200-1	<b>200 Mesh</b>	3	0	020	341.55

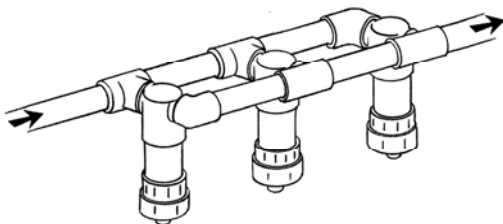
**IN-LINE TECHNICAL INFORMATION**

**Dimensions**



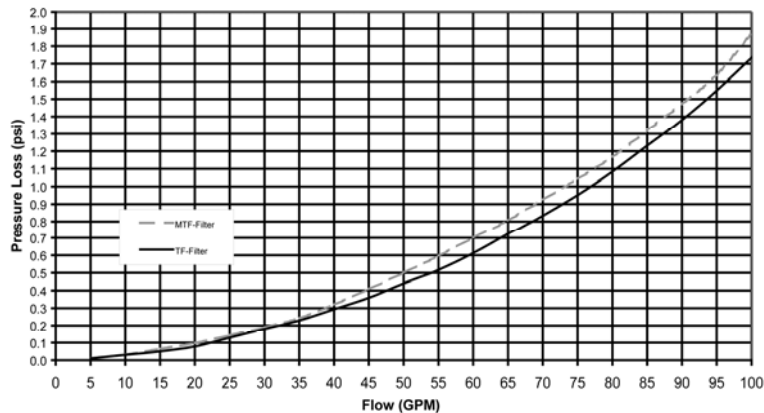
Filter includes drain plug for 1-1/4" NPT outlet. Optional valve for blow-out or filter cap with 1/4" NPT outlet can be purchased separately.

**Parallel Filter Installation**



- When more than 100 gpm is required, filters may be installed in parallel.
- When installing filter, allow space for removing filter screen for cleaning.
- Remove stainless steel filter screen before solvent welding filter to pipe manifold to avoid cement contact with screen.
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance.
- Installation in a shaded area is preferred.

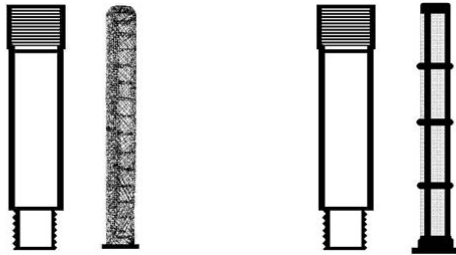
**Pressure Loss**







## Turf & Irrigation Hose Filters



7 GPM Steel

7 GPM Plastic/Nylon

NOTE: It is recommended to connect the inlet of the Hose Filter to the system with a swivel adapter such as Spears® AP Series, to facilitate servicing of the filter element (refer to Hose Fittings).

Mesh Size	Hole Size (in.)	Part Number Extension
20 Mesh	.0331	-20
30 Mesh	.0232	-30
50 Mesh	.0117	-50
80 Mesh	.0070	-80
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: HF-50 = 50 Mesh

### 7 GPM Hose Filter Assembly

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with Stainless Steel Screen

HF-20	3/4	10	60	020	17.77
HF-30	3/4	10	60	020	17.77
HF-50	3/4	10	60	020	17.77
HF-80	3/4	10	60	020	17.77
HF-100	3/4	10	60	020	18.46
HF-150	3/4	10	60	020	18.69
HF-200	3/4	10	60	020	19.19

#### with Plastic/Nylon Screen

HF-150N	3/4	10	60	020	18.69
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### Hose Filter Replacement Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Stainless Steel Screen

HF-20-1W	5	25	150	020	6.50
HF-30-1W	5	25	150	020	6.50
HF-50-1W	5	25	150	020	6.50
HF-80-1W	5	25	150	020	6.50
HF-100-1W	5	25	150	020	9.60
HF-150-1W	5	25	150	020	9.60
HF-200-1W	5	25	150	020	9.60

#### Plastic/Nylon Screen

HF-150-1NW	4-3/4	25	150	020	9.60
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### 7 GPM Hose Filter Body Components

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Hose Filter Body w/o screen

HF	3/4	10	60	020	13.37
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#### Hose Washer

W-100	3/4	50	1500	020	.04
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#### Screen Washer

S-W	- - -	600	0	901	.20
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## Turf & Irrigation PVC Low Head PIP Fabricated Fittings, Risers & Accessories



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Coupling Soc x Soc



280-100001	4 IPS	1	10	300	15.10
280-100002	6	1	5	300	18.63
280-100003	8	1	6	300	20.97
280-100004	10	1	4	300	29.15
280-100005	12	1	4	300	39.64
280-100006	15	1	0	300	69.93
280-100007	18	1	0	300	124.68
280-100008	20	1	0	300	153.83

### 11-1/4° Elbow Soc x Soc



280-100114	6	1	10	300	22.15
280-100115	8	1	4	300	31.49
280-100116	10	1	2	300	45.43
280-100117	12	1	2	300	62.93
280-100118	15	1	0	300	108.39
280-100119	18	1	0	300	186.50
280-100120	20	1	0	300	236.60

### 15° Elbow Soc x Soc



280-100234	6	1	10	300	22.15
280-100235	8	1	4	300	31.49
280-100236	10	1	2	300	45.43
280-100237	12	1	2	300	62.93
280-100238	15	1	0	300	108.39
280-100239	18	1	0	300	189.97
280-100240	20	1	0	300	245.90

### 22-1/2° Elbow Soc x Soc



280-100354	6	1	4	300	22.15
280-100355	8	1	3	300	31.49
280-100356	10	1	2	300	45.43
280-100357	12	1	2	300	62.93
280-100358	15	1	0	300	108.39
280-100359	18	1	0	300	189.97
280-100360	20	1	0	300	245.90

### 30° Elbow Soc x Soc



280-100474	6	1	8	300	37.27
280-100475	8	1	4	300	54.73
280-100476	10	1	2	300	67.59
280-100477	12	1	2	300	110.76
280-100478	15	1	0	300	178.33
280-100479	18	1	0	300	315.83
280-100480	20	1	0	300	350.83

### 45° Elbow Soc x Soc



280-100592	6	1	4	300	37.27
280-100593	8	1	4	300	54.73
280-100594	10	1	2	300	67.59
280-100595	12	1	2	300	110.76
280-100596	15	1	0	300	178.33
280-100597	18	1	0	300	315.83

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### 45° Elbow (continued) Soc x Soc

280-100598	20	1	0	300	350.83
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### 60° Elbow Soc x Soc



280-100702	6	1	4	300	69.93
280-100703	8	1	2	300	86.21
280-100704	10	1	0	300	137.55
280-100705	12	1	0	300	180.64
280-100706	15	1	0	300	294.86
280-100707	18	1	0	300	510.49
280-100708	20	1	0	300	687.73

### 90° Elbow Soc x Soc



280-100812	6	1	4	300	69.93
280-100813	8	1	2	300	86.21
280-100814	10	1	0	300	137.55
280-100815	12	1	0	300	180.64
280-100816	15	1	0	300	294.86
280-100817	18	1	0	300	510.49
280-100818	20	1	0	300	687.73

### Reducer Soc x Soc



280-100928	8X6	1	2	300	32.63
2829-626	10X6	1	4	300	131.46
280-100931	10X8	1	4	300	50.12
280-100933	12X6	1	6	300	187.45
280-100934	12X8	1	4	300	145.69
280-100935	12X10	1	4	300	72.29
2829-726	15X6	1	0	300	325.31
2829-728	15X8	1	0	309	233.65
280-100939	15X10	1	0	300	166.13
280-100940	15X12	1	0	300	109.52
2829-786	18X6	1	0	300	488.52
2829-788	18X8	1	0	300	459.60
280-100944	18X10	1	0	300	402.13
280-100945	18X12	1	0	300	360.09
280-100946	18X15	1	0	300	176.00
2829-816	20X6	1	0	300	752.24
2829-818	20X8	1	0	300	716.20
2829-820	20X10	1	0	300	662.19
2829-822	20X12	1	0	300	608.61
2829-825	20X15	1	0	300	497.71
280-100953	20X18	1	0	300	257.56

### PIP x IPS Reducer Soc x Soc



280-101536	6X4	1	4	300	26.21
280-101537	8X6	1	8	300	37.89
280-101538	10X8	1	4	300	50.12
280-101534	12X8	1	4	300	145.69
280-101539	12X10	1	4	300	87.40
280-101540	15X12	1	0	300	139.82

### IPS X PIP Adapter Soc x Soc



280-101649	6	1	4	300	29.15
280-101650	8	1	4	300	43.09



**Turf & Irrigation**  
**PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**IPS X PIP Adapter (continued)**

**Soc x Soc**

280-101651	10	1	4	300	67.59
280-101652	12	1	4	300	95.56

**Concrete Adapter**

**Soc x Concrete**



280-101761	6X6	1	5	300	27.97
280-101762	8X8	1	6	300	40.77
280-101763	10X10	1	4	300	62.93
280-101764	12X12	1	4	300	88.54
280-101765	12X14	1	0	300	94.37
280-101766	15X14	1	0	300	130.50
280-101767	15X15	1	0	300	134.04
280-101768	15X16	1	0	300	136.37
280-101769	18X18	1	0	300	158.51
280-101770	20X20	1	0	300	198.13

**Linegate Valve Adapter**

**Linegate x Soc**



280-101777	6	1	6	300	23.23
280-101778	8	1	6	300	26.35
280-101779	10	1	4	300	41.99
280-101780	12	1	4	300	59.45
280-101781	15	1	0	300	102.54
2845-180	18	1	0	300	147.65

**Linegate Valve PIP Adapter**

**Linegate x Soc**



2845-180P	18	1	0	300	147.65
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**Saddle**

**Soc**



280-101788	4X2	1	40	300	18.63
280-101789	6X2	1	10	300	18.63
280-101790	8X2	1	10	300	18.63
280-101791	10X2	1	10	300	18.63
280-101792	12X2	1	10	300	18.63
280-101793	15X2	1	10	300	18.63
280-101794	18X2	1	20	300	18.63
280-101795	20X2	1	10	300	19.79
280-101796	4X3	1	5	300	19.79
280-101797	6X3	1	10	300	19.79
280-101798	8X3	1	10	300	19.79
280-101799	10X3	1	10	300	19.79
280-101800	12X3	1	10	300	19.79
280-101801	15X3	1	10	300	19.79
280-101802	18X3	1	20	300	19.79
280-101803	20X3	1	10	300	29.37
280-101804	6X4	1	10	300	22.15
280-101805	8X4	1	10	300	22.15
280-101806	10X4	1	10	300	22.15
280-101807	12X4	1	10	300	22.15
280-101808	15X4	1	10	300	22.15
280-101809	18X4	1	10	300	22.15
280-101810	20X4	1	8	300	22.15
280-101811	8X6	1	8	300	27.97
280-101812	10X6	1	8	300	27.97
280-101813	12X6	1	8	300	27.97
280-101814	15X6	1	8	300	27.97
280-101815	18X6	1	10	300	27.97
280-101816	20X6	1	7	300	31.49

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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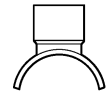
**Saddle (continued)**

**Soc**

280-101817	10X8	1	8	300	32.63
280-101818	12X8	1	8	300	32.63
280-101819	15X8	1	8	300	32.63
280-101820	18X8	1	8	300	36.11
280-101821	20X8	1	8	300	51.24
280-101822	12X10	1	10	300	39.64
280-101823	15X10	1	10	300	45.43
280-101824	18X10	1	10	300	46.60
280-101825	20X10	1	7	300	86.21
280-101826	15X12	1	5	300	60.60
280-101827	18X12	1	3	300	78.05
280-101828	20X12	1	0	300	94.37
280-101829	18X15	1	0	300	101.37
280-101830	20X15	1	0	300	129.35
280-101831	20X18	1	0	300	143.34

**Stub Saddle**

**Soc**



280-101883	4X2	1	10	300	23.23
280-101884	6X2	1	10	300	23.23
280-101885	8X2	1	10	300	23.23
280-101886	10X2	1	10	300	23.23
280-101887	12X2	1	10	300	24.46
280-101888	15X2	1	10	300	26.81
280-101889	18X2	1	10	300	26.81
280-101890	20X2	1	10	300	30.29
280-101891	4X3	1	10	300	27.97
280-101892	6X3	1	5	300	27.97
280-101893	8X3	1	5	300	27.97
280-101894	10X3	1	5	300	27.97
280-101895	12X3	1	5	300	30.29
280-101896	15X3	1	5	300	30.29
280-101897	18X3	1	10	300	30.29
280-101898	20X3	1	5	300	32.63
280-101899	6X4	1	10	300	32.63
280-101900	8X4	1	10	300	32.63
280-101901	10X4	1	10	300	32.63
280-101902	12X4	1	10	300	32.63
280-101903	15X4	1	10	300	32.63
280-101904	18X4	1	10	300	34.29
280-101905	20X4	1	10	300	34.95
280-101906	8X6	1	6	300	38.44
280-101907	10X6	1	8	300	38.44
280-101908	12X6	1	6	300	38.44
280-101909	15X6	1	8	300	40.77
280-101910	18X6	1	10	300	40.77
280-101911	20X6	1	7	300	46.60
280-101912	10X8	1	4	300	51.24
280-101913	12X8	1	3	300	51.24
280-101914	15X8	1	5	300	54.73
280-101915	18X8	1	5	300	58.26
280-101916	20X8	1	0	300	73.41
280-101917	12X10	1	3	300	67.59
280-101918	15X10	1	5	300	71.10
280-101919	18X10	1	4	300	72.29
280-101920	20X10	1	0	300	111.84
280-101921	15X12	1	0	300	101.37
280-101922	18X12	1	0	300	117.71
280-101923	20X12	1	0	300	134.04
280-101924	18X15	1	0	300	158.51
280-101925	20X15	1	0	300	187.63
280-101926	20X18	1	0	300	228.43

## Turf & Irrigation PVC Low Head PIP Fabricated Fittings, Risers & Accessories



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Same Size Saddle Soc



280-101937	6X6	1	10	300	32.02
280-101938	8X8	1	5	300	46.60
280-101939	10X10	1	5	300	64.06
280-101940	12X12	1	4	300	93.23
280-101941	15X15	1	0	300	139.82
280-101942	18X18	1	0	300	238.94
280-101943	20X20	1	0	300	326.35

### Same Size Stub Saddle Soc



280-101949	6X6	1	5	300	55.91
280-101950	8X8	1	4	300	89.50
280-101951	10X10	1	0	300	109.52
280-101952	12X12	1	0	300	124.68
280-101953	15X15	1	0	300	186.50
280-101954	18X18	1	0	300	324.03
280-101955	20X20	1	0	300	378.78

### End Cap Soc



280-107539	4 IPS	1	10	300	10.49
280-107540	6	1	10	300	11.65
280-107541	8	10	0	300	19.79
280-107542	10	1	10	300	31.49
280-107543	12	1	10	300	48.94
280-107545	15	1	5	300	68.77
280-107547	18	1	5	300	125.86
280-107548	20	1	5	300	169.00

### Surface Reducer Soc



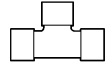
280-102013	6X2	1	10	300	18.63
280-102015	6X3	1	10	300	18.63
280-102016	6X4	1	10	300	18.63
280-102018	8X2	1	10	300	25.60
280-102020	8X3	1	10	300	25.60
280-102021	8X4	1	10	300	25.60
280-102022	8X6	1	10	300	25.60
280-102024	10X2	1	10	300	51.24
280-102026	10X3	1	10	300	51.24
280-102027	10X4	1	10	300	51.24
280-102028	10X6	1	10	300	51.24
280-102029	10X8	1	10	300	51.24
280-102031	12X2	1	10	300	62.93
280-102033	12X3	1	10	300	62.93
280-102034	12X4	1	10	300	62.93
280-102035	12X6	1	10	300	62.93
280-102036	12X8	1	10	300	62.93
280-102037	12X10	1	10	300	62.93
280-102048	15X2	1	5	300	88.54
280-102050	15X3	1	5	300	88.54
280-102051	15X4	1	5	300	88.54
280-102052	15X6	1	5	300	88.54
280-102053	15X8	1	5	300	88.54
280-102054	15X10	1	5	300	88.54
280-102055	15X12	1	5	300	88.54
280-102067	18X2	1	5	300	132.86
280-102069	18X3	1	4	300	132.86
280-102070	18X4	1	5	300	132.86
280-102071	18X6	1	5	300	132.86

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Surface Reducer (continued) Soc

280-102072	18X8	1	5	300	132.86
280-102073	18X10	1	5	300	132.86
280-102074	18X12	1	5	300	132.86
280-102075	18X15	1	5	300	132.86
280-102077	20X2	1	0	300	176.00
280-102136	20X3	1	0	300	176.00
280-102137	20X4	1	5	300	176.00
280-102138	20X6	1	5	300	176.00
280-102139	20X8	1	5	300	176.00
280-102140	20X10	1	5	300	176.00
280-102141	20X12	1	5	300	176.00
280-102142	20X15	1	5	300	176.00
280-102143	20X18	1	5	300	176.00

### Tee Soc x Soc x Soc



280-102502	6	1	8	300	44.26
280-102499	6X2	1	6	300	34.95
280-102500	6X3	1	4	300	37.89
280-102501	6X4	1	4	300	39.64
280-102507	8	1	2	300	70.10
280-102503	8X2	1	2	300	45.09
280-102504	8X3	1	3	300	53.57
280-102505	8X4	1	2	300	55.91
280-102506	8X6	1	0	300	64.06
280-102508	10X2	1	0	300	71.07
280-102509	10X3	1	0	300	72.24
280-102510	10X4	1	0	300	74.03
280-102511	10X6	1	0	300	75.74
280-102512	10X8	1	0	300	81.22
280-102513	10	1	0	300	87.41
280-102520	12	1	0	300	142.17
280-102514	12X2	1	2	300	93.23
280-102515	12X3	1	0	300	99.10
280-102516	12X4	1	0	300	103.70
280-102517	12X6	1	0	300	105.76
280-102518	12X8	1	0	300	110.76
280-102519	12X10	1	0	300	121.20
280-102528	15	1	0	300	282.07
280-102521	15X2	1	0	300	151.50
280-102522	15X3	1	0	300	151.50
280-102523	15X4	1	0	300	157.34
280-102524	15X6	1	0	300	161.98
280-102525	15X8	1	0	300	180.64
280-102526	15X10	1	0	300	201.60
280-102527	15X12	1	0	300	235.41
280-102537	18	1	0	300	490.72
280-102529	18X2	1	0	300	285.53
280-102530	18X3	1	0	300	287.83
280-102531	18X4	1	0	300	290.21
280-102532	18X6	1	0	300	296.03
280-102533	18X8	1	0	300	300.71
280-102534	18X10	1	0	300	328.69
280-102535	18X12	1	0	300	362.51
280-102536	18X15	1	0	300	396.29
280-102547	20	1	0	300	607.27
280-102538	20X2	1	0	300	361.32
280-102539	20X3	1	0	300	365.06
280-102540	20X4	1	0	300	370.63
280-102541	20X6	1	0	300	382.32
280-102542	20X8	1	0	300	390.46
280-102543	20X10	1	0	300	432.40
280-102544	20X12	1	0	300	459.23
280-102545	20X15	1	0	300	493.07

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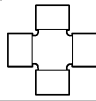
**Turf & Irrigation**  
**PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee (continued)**  
**Soc x Soc x Soc**

280-102546	<b>20X18</b>	1	0	300	554.80
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**Cross**  
**Soc x Soc x Soc x Soc**



280-103286	<b>6</b>	1	0	300	73.41
280-103283	<b>6X2</b>	1	0	300	58.26
280-103284	<b>6X3</b>	1	0	300	58.26
280-103285	<b>6X4</b>	1	4	300	64.06
280-103291	<b>8</b>	1	0	300	100.26
280-103287	<b>8X2</b>	1	0	300	81.56
280-103288	<b>8X3</b>	1	0	300	81.56
280-103289	<b>8X4</b>	1	0	300	87.40
280-103290	<b>8X6</b>	1	0	300	92.03
280-103297	<b>10</b>	1	0	300	136.37
280-103292	<b>10X2</b>	1	2	300	81.56
280-103293	<b>10X3</b>	1	0	300	84.50
280-103294	<b>10X4</b>	1	0	300	87.40
280-103295	<b>10X6</b>	1	0	300	97.91
280-103296	<b>10X8</b>	1	0	300	111.84
280-103304	<b>12</b>	1	0	300	189.97
280-103303	<b>12X10</b>	1	0	300	161.98
280-103298	<b>12X2</b>	1	0	300	110.15
280-103299	<b>12X3</b>	1	0	300	111.27
280-103300	<b>12X4</b>	1	0	300	114.19
280-103301	<b>12X6</b>	1	0	300	123.54
280-103302	<b>12X8</b>	1	0	300	134.04
280-103321	<b>15</b>	1	0	300	362.51
280-103313	<b>15X2</b>	1	0	300	161.98
280-103314	<b>15X3</b>	1	0	300	165.50
280-103315	<b>15X4</b>	1	0	300	173.68
280-103316	<b>15X6</b>	1	0	300	184.15
280-103317	<b>15X8</b>	1	0	300	198.13
280-103318	<b>15X10</b>	1	0	300	234.29
280-103319	<b>15X12</b>	1	0	300	282.07
280-103342	<b>18</b>	1	0	300	581.61
280-103332	<b>18X2</b>	1	0	300	314.70
280-103333	<b>18X3</b>	1	0	300	317.63
280-103334	<b>18X4</b>	1	0	300	320.55
280-103335	<b>18X6</b>	1	0	300	328.69
280-103336	<b>18X8</b>	1	0	300	338.00
280-103337	<b>18X10</b>	1	0	300	384.60
280-103338	<b>18X12</b>	1	0	300	409.16
280-103340	<b>18X15</b>	1	0	300	466.26
280-103354	<b>20</b>	1	0	300	765.80
280-103343	<b>20X2</b>	1	0	300	441.73
280-103344	<b>20X3</b>	1	0	300	445.23
280-103345	<b>20X4</b>	1	0	300	448.76
280-103346	<b>20X6</b>	1	0	300	459.23
280-103347	<b>20X8</b>	1	0	300	470.90
280-103348	<b>20X10</b>	1	0	300	504.67
280-103349	<b>20X12</b>	1	0	300	543.16
280-103351	<b>20X15</b>	1	0	300	568.79
280-103353	<b>20X18</b>	1	0	300	667.88

**Orchard Riser**  
**Saddle x Riser**



2880-04030	<b>4X4</b>	1	0	301	33.74
2880-53230	<b>6X4</b>	1	25	301	33.74
2880-06030	<b>6X6</b>	1	25	301	58.26
2880-58230	<b>8X4</b>	1	25	301	33.74
2880-58530	<b>8X6</b>	1	25	301	44.26
2880-08030	<b>8X8</b>	1	12	301	81.60
2880-62430	<b>10X4</b>	1	30	301	34.95

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Orchard Riser (continued)**  
**Saddle x Riser**

2880-62630	<b>10X6</b>	1	20	301	44.26
2880-62830	<b>10X8</b>	1	16	301	60.60
2880-10030	<b>10X10</b>	1	6	301	116.52
2880-66430	<b>12X4</b>	1	25	301	36.11
2880-66630	<b>12X6</b>	1	20	301	44.26
2880-66830	<b>12X8</b>	1	12	301	60.60
2880-67030	<b>12X10</b>	1	9	301	83.89
2880-12030	<b>12X12</b>	1	6	301	163.16
2880-72430	<b>15X4</b>	1	25	301	38.44
2880-72630	<b>15X6</b>	1	25	301	51.24
2880-72830	<b>15X8</b>	1	12	301	68.77
2880-73030	<b>15X10</b>	1	9	301	95.56
2880-73230	<b>15X12</b>	1	6	301	131.69
2880-15030	<b>15X15</b>	1	4	301	272.73
2880-78430	<b>18X4</b>	1	25	301	41.99
2880-78630	<b>18X6</b>	1	25	301	49.84
2880-78830	<b>18X8</b>	1	10	301	72.29
2880-79030	<b>18X10</b>	1	9	301	96.73
2880-79230	<b>18X12</b>	1	6	301	149.16
2880-79530	<b>18X15</b>	1	4	301	215.61
2880-18030	<b>18X18</b>	1	3	301	409.09
2880-81430	<b>20X4</b>	1	0	301	44.29
2880-81630	<b>20X6</b>	1	12	301	58.29
2880-81830	<b>20X8</b>	1	12	301	87.40
2880-82030	<b>20X10</b>	1	6	301	136.38
2880-82230	<b>20X12</b>	1	5	301	165.50
2880-82530	<b>20X15</b>	1	0	301	243.64
2880-82830	<b>20X18</b>	1	0	301	299.54
2880-20030	<b>20X20</b>	1	2	301	528.03

**Erosion Pot Riser**  
**Saddle x Riser x Pot**



2881-53232	<b>6X4X8</b>	1	16	301	64.59
2881-06032	<b>6X6X10</b>	1	0	301	77.29
2881-58232	<b>8X4X8</b>	1	20	301	64.59
2881-58532	<b>8X6X10</b>	1	0	301	77.29
2881-08032	<b>8X8X12</b>	1	0	301	109.30
2881-62432	<b>10X4X8</b>	1	16	301	64.59
2881-62632	<b>10X6X10</b>	1	0	301	77.29
2881-62832	<b>10X8X12</b>	1	12	301	109.30
2881-10032	<b>10X10X15</b>	1	0	301	150.17
2881-66432	<b>12X4X8</b>	1	20	301	64.59
2881-66632	<b>12X6X10</b>	1	12	301	77.29
2881-66832	<b>12X8X12</b>	1	12	301	109.30
2881-67032	<b>12X10X15</b>	1	0	301	150.17
2881-12032	<b>12X12X18</b>	1	0	301	198.78
2881-72432	<b>15X4X8</b>	1	0	301	64.59
2881-72632	<b>15X6X10</b>	1	12	301	77.29
2881-72832	<b>15X8X12</b>	1	0	301	109.30
2881-73032	<b>15X10X15</b>	1	0	301	150.17
2881-73232	<b>15X12X18</b>	1	0	301	198.78
2881-15032	<b>15X15X20</b>	1	0	301	292.63
2881-78432	<b>18X4X8</b>	1	0	301	64.59
2881-78632	<b>18X6X10</b>	1	0	301	77.29
2881-78832	<b>18X8X12</b>	1	0	301	109.30
2881-79032	<b>18X10X15</b>	1	0	301	150.17
2881-79232	<b>18X12X18</b>	1	0	301	198.78
2881-79532	<b>18X15X20</b>	1	0	301	292.63
2881-81432	<b>20X4X8</b>	1	0	301	64.59
2881-81632	<b>20X6X10</b>	1	0	301	77.29
2881-81832	<b>20X8X12</b>	1	0	301	109.30
2881-82032	<b>20X10X15</b>	1	0	301	150.17
2881-82232	<b>20X12X18</b>	1	0	301	198.78
2881-82532	<b>20X15X20</b>	1	0	301	292.63



## Turf & Irrigation PVC Low Head PIP Fabricated Fittings, Risers & Accessories



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Mechanical Vent Assembly Saddle x Riser/Vent



2882-420	4X2	1	10	301	64.06
2882-422	4X3	1	0	301	99.03
2882-528	6X2	1	10	301	64.06
2882-530	6X3	1	5	301	99.03
2882-532	6X4	1	5	301	137.55
2882-578	8X2	1	8	301	64.06
2882-580	8X3	1	4	301	99.03
2882-582	8X4	1	8	301	137.55
2882-621	10X2	1	10	301	64.06
2882-623	10X3	1	5	301	99.03
2882-624	10X4	1	3	301	137.55
2882-661	12X2	1	10	301	64.06
2882-663	12X3	1	5	301	99.03
2882-664	12X4	1	4	301	137.55
2882-721	15X2	1	0	301	64.07
2882-723	15X3	1	6	301	99.03
2882-724	15X4	1	4	301	137.55
2882-781	18X2	1	0	301	64.07
2882-783	18X3	1	0	301	99.03
2882-784	18X4	1	4	301	137.55
2882-811	20X2	1	0	301	64.07
2882-813	20X3	1	0	301	99.03
2882-814	20X4	1	0	301	137.55

### Mechanical Vent Riser Saddle x Riser/Vent x Chamber



2883-52842	6X2X4	1	0	301	74.59
2883-57842	8X2X6	1	0	301	80.43
2883-58042	8X3X6	1	0	301	101.37
2883-62142	10X2X8	1	12	301	97.91
2883-62342	10X3X8	1	8	301	116.52
2883-62442	10X4X8	1	12	301	137.55
2883-66142	12X2X10	1	0	301	125.86
2883-66342	12X3X10	1	16	301	143.34
2883-66442	12X4X10	1	12	301	163.16
2883-72442	15X4X12	1	6	301	212.11
2883-78442	18X4X15	1	0	301	273.89
2883-81442	20X4X18	1	0	301	385.81

### Vent Base Saddle x Riser x Outlet



2888-532020	6X4X2	1	2	301	48.39
2888-585030	8X6X3	1	0	301	149.72
2888-585040	8X6X4	1	4	301	75.74
2888-628060	10X8X6	1	0	301	116.52
2888-670060	12X10X6	1	0	301	123.54
2888-732080	15X12X8	1	0	301	185.30
2888-795080	18X15X8	1	0	301	256.44
2888-828080	20X18X8	1	0	301	463.93

### Low Head Wye Soc x Soc



2875-060	6	1	2	300	81.80
2875-080	8	1	0	300	108.20
2875-100	10	1	0	300	140.76
2875-120	12	1	0	300	196.11
2875-150	15	1	0	300	303.38
2875-183	18	1	0	300	729.50
2875-200	20	1	0	300	978.27

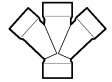
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Reducing Low Head Wye Soc x Soc



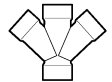
2875-532	6X4	1	4	300	63.79
2875-585	8X6	1	0	300	94.37
2875-626	10X6	1	0	300	120.69
2875-628	10X8	1	0	300	127.31
2875-666	12X6	1	0	300	132.64
2875-668	12X8	1	0	300	152.27
2875-670	12X10	1	0	300	162.66
2875-726	15X6	1	0	300	178.80
2875-728	15X8	1	0	300	193.79
2875-730	15X10	1	0	300	212.24
2875-732	15X12	1	0	300	233.02
2875-786	18X6	1	0	300	288.41
2875-788	18X8	1	0	300	292.97
2875-790	18X10	1	0	300	320.15
2875-792	18X12	1	0	300	353.09
2875-795	18X15	1	0	300	386.02
2875-816	20X6	1	0	300	360.50
2875-818	20X8	1	0	300	366.20
2875-820	20X10	1	0	300	400.18
2875-822	20X12	1	0	300	441.35
2875-825	20X15	1	0	300	482.54
2875-828	20X18	1	0	300	849.00

### Double Wye Soc x Soc



2876-060	6	1	0	300	128.47
2876-080	8	1	0	300	146.35
2876-100	10	1	0	300	245.06
2876-120	12	1	0	300	292.69
2876-150	15	1	0	300	452.81
2876-183	18	1	0	300	1227.76
2876-200	20	1	0	300	1745.38

### Reducing Double Wye Soc x Soc

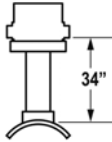


2876-585	8X6	1	0	300	103.32
2876-626	10X6	1	0	300	146.35
2876-628	10X8	1	0	300	161.86
2876-666	12X6	1	0	300	197.97
2876-668	12X8	1	0	300	227.27
2876-670	12X10	1	0	300	271.71
2876-726	15X6	1	0	300	266.86
2876-728	15X8	1	0	300	289.23
2876-730	15X10	1	0	300	316.80
2876-732	15X12	1	0	300	429.53
2876-786	18X6	1	0	300	430.48
2876-788	18X8	1	0	300	437.27
2876-790	18X10	1	0	300	477.83
2876-792	18X12	1	0	300	527.00
2876-795	18X15	1	0	300	576.16
2876-816	20X6	1	0	300	594.57
2876-818	20X8	1	0	300	610.07
2876-820	20X10	1	0	300	624.50
2876-822	20X12	1	0	300	658.73
2876-825	20X15	1	0	300	720.20
2876-828	20X18	1	0	300	1331.91



**Turf & Irrigation  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Size	Disc Code	Part Number	List Price	Each
<b>DISTRIBUTING GATE RISER</b> (Saddle x Riser x Pot)				
<b>GATES NOT INCLUDED IN PRICE</b> (See CHART #1 on Next Page)				
6x4x8	301	2884-53234	97.93	---
8x4x8	301	2884-58234	97.93	---
8x6x10	301	2884-58534	125.86	---
10x4x8	301	2884-62434	97.93	---
10x6x10	301	2884-62634	125.86	---
10x8x12	301	2884-62834	186.50	---
12x4x8	301	2884-66434	97.93	---
12x6x10	301	2884-66634	125.86	---
12x8x12	301	2884-66834	186.50	---
12x10x15	301	2884-67034	266.34	---
15x4x8	301	2884-72334	97.93	---
15x6x10	301	2884-72634	125.86	---
15x8x12	301	2884-72834	186.50	---
15x10x15	301	2884-73034	266.95	---
15x12x18	301	2884-73234	484.88	---
18x4x8	301	2884-78434	97.93	---
18x6x10	301	2884-78634	125.86	---
18x8x12	301	2884-78834	186.50	---
18x10x15	301	2884-79034	266.34	---
18x12x18	301	2884-79234	484.88	---
20x4x8	301	2884-81434	97.93	---
20x6x10	301	2884-81634	125.86	---
20x8x12	301	2884-81834	186.52	---
20x10x15	301	2884-82034	266.34	---
20x12x18	301	2884-82234	484.88	---



**HOW TO ORDER A  
DISTRIBUTING GATE RISER**

Choose the Distributing Gate Riser size required:  
Example: 6 x 4 x 8

(6" Saddle x 4" Riser x 8" Pot)  
Part Number 2884-53234 ---

Next, choose the Gate size required from CHART #1:  
Example: 2-1/2" Gates  
(Code Number "2")

Next, add this Code Number to the end of the Part Number:  
Example: 2884-53234 **2**---

Next, choose the position required for the gates from CHART #2:  
Example: Standard 2-Way Gates  
(Code Number "05")

Next, add this Code Number to the very end of the Part Number:  
Example: 2884-532342 **05**

The Part Number is now complete for a  
6" Saddle x 4" Riser x 8" Pot  
with 2-1/2" Standard 2-Way Gates -

2884-53234205

**HOW TO CALCULATE A DISTRIBUTING GATE RISER  
TOTAL LIST PRICE EACH WITH GATES INSTALLED**

Find the base unit List Price Each at left:  
Example: \$97.93

Next, find the List Price Each for the size of Gate required from CHART #1:  
Example: 2-1/2" Gate - \$15.12 each

Next, multiply the Gate price by the number of Gates required:  
Example: \$15.12 x 2 = \$30.24

Next, add this amount to the base unit price, for the Total List Price Each:  
Example: \$97.93 + \$30.24 = \$128.17

The Total List Price Each for a  
6" Saddle x 4" Riser x 8" Pot with 2-1/2"  
Standard 2-Way Gates installed is

\$128.17



**Turf & Irrigation  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**



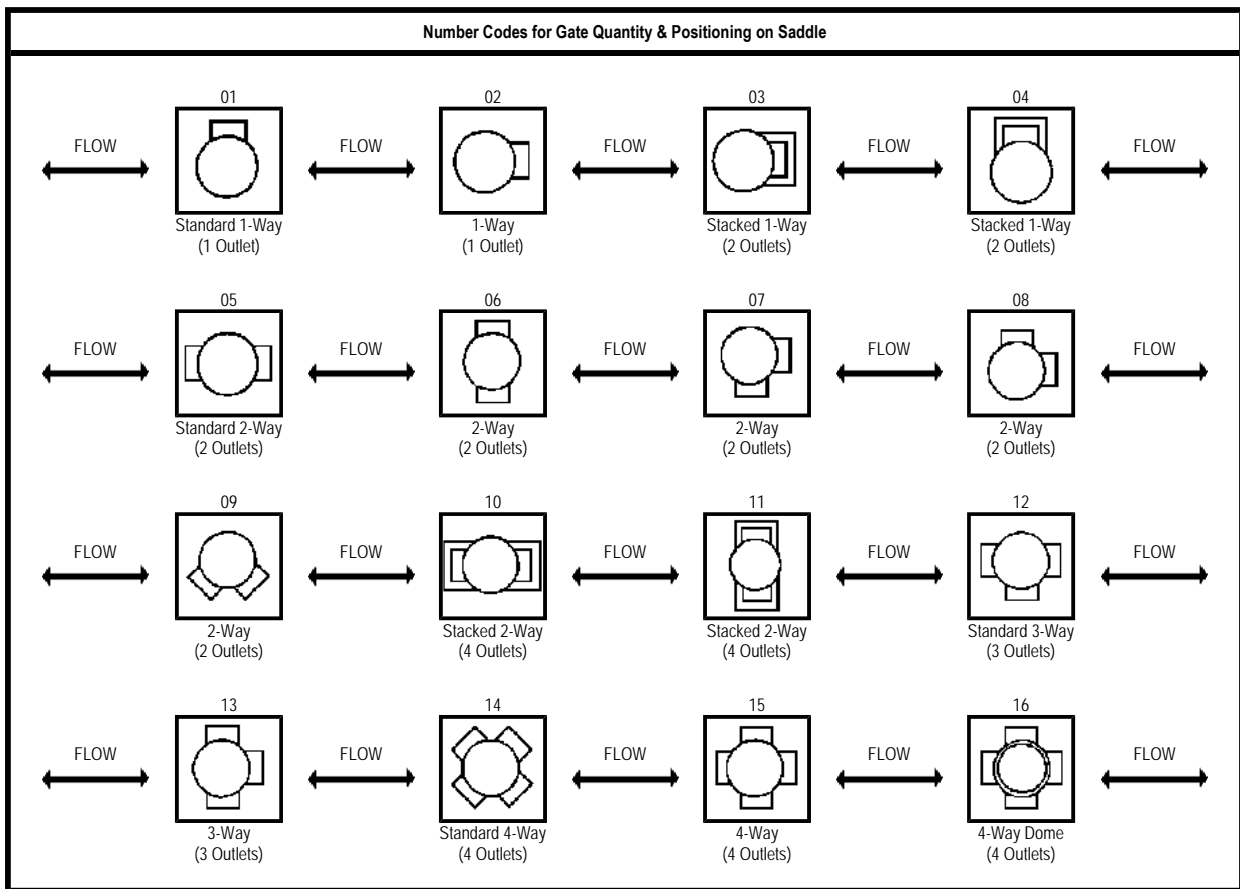
**CHART #1**

Gate/Hole Size	Distributing Gate Size Code	Disc Code	List Price Each Installed
2" Gate	1	301	12.82
2- 1/2" Gate	2	301	15.12
3" Gate	3	301	17.46
4" Gate	4	301	25.63
2" Hole*	5	301	—
2- 1/2" Hole*	6	301	—
3" Hole*	7	301	—
4" Hole*	8	301	—

\* Hole Size Codes MUST be chosen ONLY when ordering with NO GATES INSTALLED.

Number code for Gate Hole positioning must also be chosen from CHART #2 below.

**CHART #2**





**Turf & Irrigation**  
**PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Part Number		Size	Disc Code	List Price Each			
<b>RITE FLO RISER (Saddle x Riser)</b>							
GATES NOT INCLUDED IN PRICE (See CHART #3 on Next Page)			1 Outlet	2 Outlets	3 Outlets	4 Outlets	
	2885-58534	8x6 ---	301	118.39	122.10	124.59	126.74
	2885-62634	10x6 ---	301	118.39	122.10	124.59	126.74
	2885-66634	12x6 ---	301	118.39	122.10	124.59	126.74
	2885-72634	15x6 ---	301	118.39	122.10	124.59	126.74
	2885-78634	18x6 ---	301	118.39	122.10	124.59	126.74
	2885-81634	20x6 ---	301	118.39	122.10	124.59	126.74

**HOW TO ORDER A  
 RITE FLO RISER**

**Choose the Rite Flo Riser size required:**

Example: 8 x 6 Riser  
 (8" Saddle x 6" Riser)  
 Part Number 2885-58534 \_ \_ \_

**Next, choose the Gate size required from CHART #3:**

Example: 3" Gates  
 (Code Number "3")

**Next, add this Code Number to the end of the Part Number:**

Example: 2885-58534 3 \_ \_

**Next, choose the position required for the gates from CHART #4:**

Example: Standard 2-Way (2 Outlets)  
 (Code Number "05")

**Next, add this Code Number to the very end of the Part Number:**

Example: 2885-585343 05

The Part Number is now complete for an 8" Saddle x 6" Standard 2-Way Riser with 3" Gates -

2885-58534305

**HOW TO CALCULATE A RITE FLO  
 RISER TOTAL LIST PRICE EACH  
 WITH GATES INSTALLED**

**Find the base unit List Price Each at left:**

Example: \$126.74

**Next, find the List Price Each for the 3" Gate required from CHART #3:**

Example: 3" Gate - \$44.84 each

**Next, multiply the Gate price by the number of Gates required:**

Example: \$44.84 x 4 = \$179.36

**Next, add this amount to the base unit price, for the Total List Price Each:**

Example: \$126.74 + \$179.36 = \$306.10

The Total List Price Each for a  
 8" Saddle x 6" 4-Way Dome Riser  
 with 3" Gates installed is

\$306.10

## Turf & Irrigation PVC Low Head PIP Fabricated Fittings, Risers & Accessories



**CHART #3**

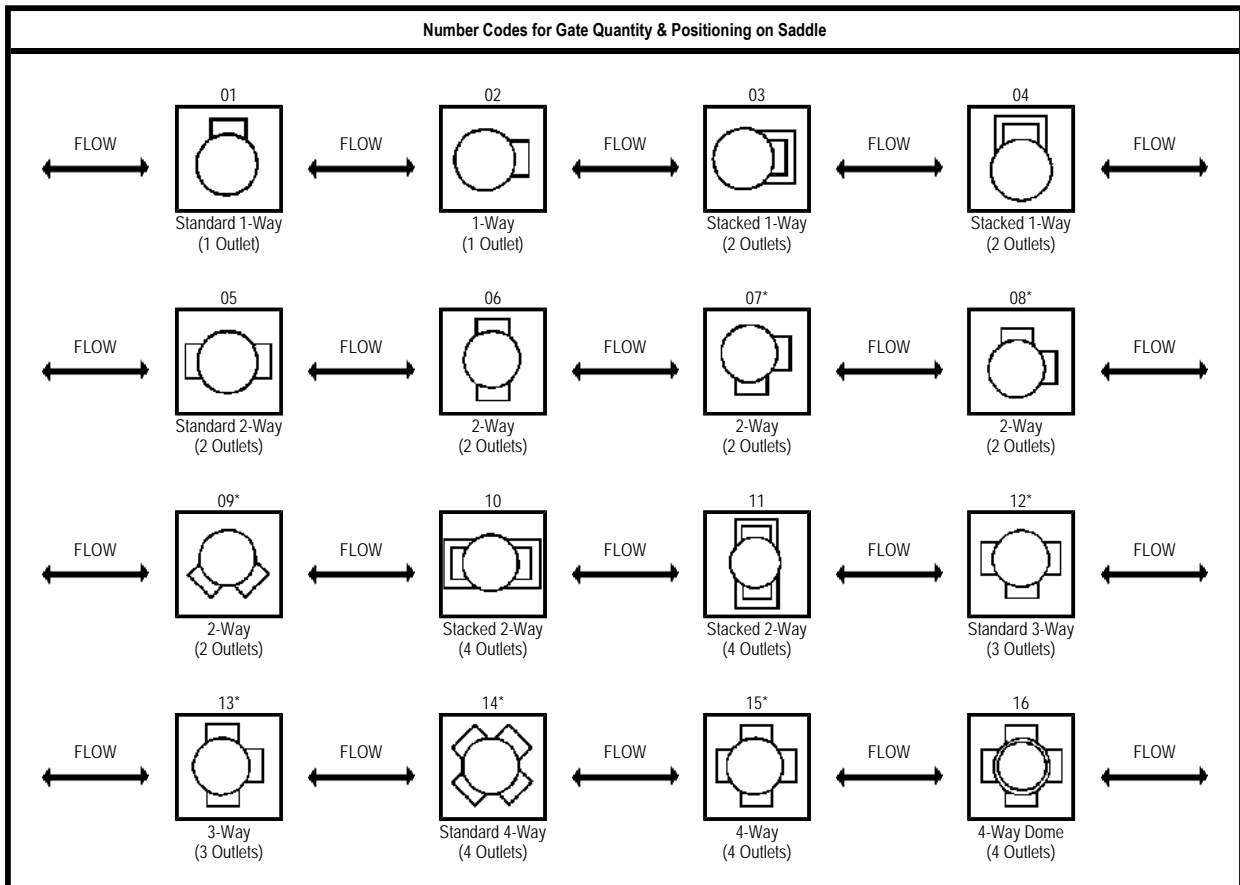
Gate/Hole Size	Gate Size Code	Disc Code	Rite Flo List Price Each Installed
3" Gate	3	301	44.84
2" Hole*	5	301	—
3" Hole*	7	301	—

\* Hole Size Codes **MUST** be chosen **ONLY** when ordering with **NO GATES INSTALLED**.

Number code for Gate Hole positioning must also be chosen from **CHART #4** below.

**NOTE: 3" Rite Flo Gates can be installed on 6" Risers ONLY.**

**CHART #4**



\*Staggered gates are provided for Rite Flo Risers to allow adequate room for gates to operate properly.



**Turf & Irrigation**  
**PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Size	Disc Code	Part Number	List Price Each
<b>DISTRIBUTING GATE REPAIR UNIT</b> (Riser x Pot)			
<b>GATES NOT INCLUDED IN PRICE</b> (See CHART #5 on Next Page)			
	4x8	301	28840-42715 --- 81.60
	6x10	301	28840-53715 --- 109.56
	8x12	301	28840-59115 --- 157.33
	10x15	301	28840-63515 --- 207.97
	12x18	301	28840-67815 --- 392.83

**HOW TO ORDER DISTRIBUTING GATE AND RITE FLO RISER REPAIR UNITS**

**Choose the Repair Unit size required:**

Example: 4 x 8 Distributing Gate Repair Unit  
 (4" Riser x 8" Pot)  
 Part Number 28840-42715 ---

**Next, choose the Gate size required from CHART #5:**

Example: 2" Gate  
 (Code Number "1")

**Next, add this Code Number to the end of the Part Number:**

Example: 28840-42715 1 ---

**Next, choose the position required for the gates from CHART #6:**

Example: 4-Way  
 (Code Number "14")

**Next, add this Code Number to the very end of the Part Number:**

Example: 28840-42715 14

The Part Number is now complete for a  
 4" Riser x 8" Pot Distributing Gate Riser Repair Unit with 2" 4-Way Gates -

28840-42715114

Part Number	Disc Code	Size	List Price Each	1 Outlet	2 Outlets	3 Outlets	4 Outlets
<b>RITE FLO RISER REPAIR UNIT</b>							
<b>GATES NOT INCLUDED IN PRICE</b> (See CHART #5 on Next Page)							
	28850-06015	6"	---	301	59.80	64.77	69.72
							74.74

**HOW TO CALCULATE DISTRIBUTING GATE AND RITE FLO RISER REPAIR UNITS TOTAL LIST PRICE EACH WITH GATES INSTALLED**

**Find the base unit List Price Each above:**  
 Example: \$81.60

**Next, find the List Price Each for the size of Gate required from CHART #5:**  
 Example: 2" Gate - \$12.82 each

**Next, multiply the Gate price by the number of Gates required:**  
 Example: \$12.82 x 4 = \$51.28

**Next, add this amount to the base unit price, for the Total List Price Each:**  
 Example: \$81.60 + \$51.28 = \$132.88

The Total List Price Each for a  
 4" Riser x 8" Pot Distributing Gate Riser Repair Unit  
 with 2" 4-Way Gates installed is

\$132.88

**Turf & Irrigation  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**



**CHART #5**






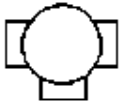

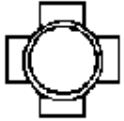
Gate/Hole Size	Gate Size Code	Disc Code	Distributing Gate List Price Each Installed	Rite Flo Gate List Price Each Installed
2" Gate	1	301	12.82	—
2- 1/2" Gate	2	301	15.12	—
3" Gate	3	301	17.46	44.84
4" Gate	4	301	25.63	—
2" Hole*	5	301	—	—
2- 1/2" Hole*	6	301	—	—
3" Hole*	7	301	—	—
4" Hole*	8	301	—	—

\* Hole Size Codes MUST be chosen ONLY when ordering with NO GATES INSTALLED.

Number code for Gate Hole positioning must also be chosen from CHART #6 below.

NOTE: 3" Rite Flo Gates can be installed on 6" Risers ONLY.

**CHART #6**

Repair Unit Number Codes for Gate Quantity & Positioning			
<p>02</p>  <p><b>1-Way</b> (1 Outlet)</p>	<p>04</p>  <p><b>Stacked 1-Way</b> (2 Outlets)</p>	<p>06</p>  <p><b>2-Way</b> (2 Outlets)</p>	<p>08*</p>  <p><b>2-Way</b> (2 Outlets)</p>
<p>10</p>  <p><b>Stacked 2-Way</b> (4 Outlets)</p>	<p>12*</p>  <p><b>3-Way</b> (3 Outlets)</p>	<p>14*</p>  <p><b>4-Way</b> (4 Outlets)</p>	<p>16</p>  <p><b>4-Way Dome</b> (4 Outlets)</p>

\*Staggered gates are provided for Rite Flo Riser Repair Units to allow adequate room for gate to operate properly.

All Low Head PIP Fabricated Fittings showing size outlets of 4" and under are IPS size on that outlet

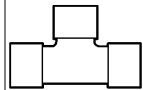


**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Tee (Socket)**

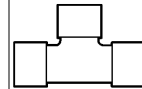
6	290-102502 85.07	300-102502 101.79	3301-060P 102.34
6X2	290-102499 59.45	300-102499 68.77	3301-528P 77.18
6X3	290-102500 64.06	300-102500 73.41	3301-530P 83.05
6X4	290-102501 66.43	300-102501 76.89	3301-532P 86.16
8	290-102507 146.71	300-102507 150.33	3301-080P 205.17
8X2	290-102503 73.41	300-102503 85.07	3301-578P 116.38
8X3	290-102504 81.56	300-102504 92.03	3301-580P 126.83
8X4	290-102505 92.03	300-102505 100.26	3301-582P 137.20
8X6	290-102506 109.52	300-102506 123.54	3301-585P 169.99
10	290-102513 212.11	300-102513 241.30	3301-100P 306.26
10X2	290-102508 107.21	300-102508 117.71	3301-621P 161.80
10X3	290-102509 117.71	300-102509 150.33	3301-623P 205.89
10X4	290-102510 136.37	300-102510 153.83	3301-624P 212.12
10X6	290-102511 150.33	300-102511 157.34	3301-626P 232.72
10X8	290-102512 173.68	300-102512 209.81	3301-628P 288.62
12	290-102520 300.71	300-102520 384.60	3301-120P 481.52
12X2	290-102514 142.17	300-102514 170.11	3301-661P 253.61
12X3	290-102515 167.86	300-102515 203.95	3301-663P 280.32
12X4	290-102516 189.97	300-102516 226.11	3301-664P 309.54
12X6	290-102517 200.44	300-102517 245.90	3301-666P 338.80
12X8	290-102518 236.60	300-102518 290.21	3301-668P 401.07
12X10	290-102519 272.73	300-102519 334.50	3301-670P 444.99
15	290-102528 562.95	300-102528 662.05	3301-150P 860.21
15X2	290-102521 262.26	300-102521 306.52	3301-721P 384.60
15X3	290-102522 276.24	300-102522 322.86	3301-723P 409.16
15X4	290-102523 284.39	300-102523 336.85	3301-724P 423.09
15X6	290-102524 308.84	300-102524 370.63	3301-726P 479.05
15X8	290-102525 356.64	300-102525 414.94	3301-728P 551.34
15X10	290-102526 404.44	300-102526 490.72	3301-730P 623.57
15X12	290-102527 462.69	300-102527 551.34	3301-732P 719.79
18	290-102537 871.85	300-102537 1016.37	3301-180P 1447.70
18X2	290-102529 455.55	300-102529 497.66	3301-781P 607.27
18X3	290-102530 469.73	300-102530 510.49	3301-783P 679.51
18X4	290-102531 519.83	300-102531 561.82	3301-784P 723.82
18X6	290-102532 534.98	300-102532 581.61	3301-786P 741.31
18X8	290-102533 557.15	300-102533 606.09	3301-788P 827.55
18X10	290-102534 588.61	300-102534 651.56	3301-790P 904.48



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Tee (Socket) (continued)**

18X12	290-102535 651.56	300-102535 773.96	3301-792P 1016.37
18X15	290-102536 755.30	300-102536 935.96	3301-795P 1183.11
21	290-102558 1608.52	300-102558 1892.93	3301-210P 2157.52
21X2	290-102548 660.44	300-102548 829.88	3301-841P 944.12
21X3	290-102549 676.54	300-102549 835.70	3301-843P 960.47
21X4	290-102550 699.33	300-102550 845.04	3301-844P 1002.41
21X6	290-102551 741.31	300-102551 1024.53	3301-846P 1149.29
21X8	290-102552 791.41	300-102552 1054.84	3301-848P 1197.05
21X10	290-102553 843.86	300-102553 1094.47	3301-850P 1253.02
21X12	290-102554 924.32	300-102554 1104.98	3301-852P 1558.40
21X15	290-102555 1018.72	300-102555 1266.98	3301-855P 1781.03
21X18	290-102556 1188.87	300-102556 1447.70	3301-858P 2031.67
24	290-102570 2196.02	300-102570 2532.84	3301-240P 2588.83
24X2	290-102559 871.85	300-102559 1030.37	3301-901P 1113.11
24X3	290-102560 927.78	300-102560 1086.33	3301-903P 1169.07
24X4	290-102561 980.27	300-102561 1169.07	3301-904P 1253.02
24X6	290-102562 1032.73	300-102562 1253.02	3301-906P 1335.78
24X8	290-102563 1100.32	300-102563 1335.78	3301-908P 1447.70
24X10	290-102564 1132.94	300-102564 1447.70	3301-910P 1558.40
24X12	290-102565 1225.05	300-102565 1558.40	3301-912P 1670.29
24X15	290-102566 1345.06	300-102566 1698.29	3301-915P 1837.01
24X18	290-102567 1531.60	300-102567 1920.90	3301-918P 2087.60
24X21	290-102569 1722.72	300-102569 2058.40	3301-921P 2476.90
27	2901-270 3326.81	3001-270 3941.39	3301-270P 4876.79
27X4	2901-934 1186.14	3001-934 1489.27	3301-934P 1860.13
27X6	2901-936 1251.55	3001-936 1603.40	3301-936P 2004.07
27X8	2901-938 1332.24	3001-938 1716.30	3301-938P 2146.71
27X10	2901-940 1349.89	3001-940 1835.18	3301-940P 2295.26
27X12	2901-942 1483.59	3001-942 1982.66	3301-942P 2478.27
27X15	2901-945 1628.41	3001-945 2182.34	3301-945P 2729.00
27X18	2901-948 1855.27	3001-948 2474.62	3301-948P 3092.68
27X21	2901-951 2087.30	3001-951 2632.73	3301-951P 3290.14
27X24	2901-954 2661.28	3001-954 3250.83	3301-954P 4062.60



**Tee (Gasket x Spigot x Gasket)**

6	290-103062 174.82	300-103062 180.64	3301-060232P 192.74
6X4	290-103061 151.50	300-103061 169.00	3301-532232P 182.11
8	290-103067 221.47	300-103067 241.30	3301-080232P 289.83



**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

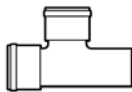


Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

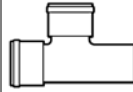
**Tee (Gasket x Spigot x Gasket) (continued)**

8X4	290-103065 186.50	300-103065 205.11	3301-582232P 217.55
8X6	290-103066 209.81	300-103066 216.80	3301-585232P 253.67
10	290-103073 331.03	300-103073 367.17	3301-100232P 434.99
10X4	290-103070 289.06	300-103070 300.71	3301-624232P 314.49
10X6	290-103071 294.86	300-103071 313.52	3301-626232P 349.69
10X8	290-103072 325.18	300-103072 336.85	3301-628232P 380.11
12	290-103080 456.89	300-103080 498.87	3301-120232P 603.18
12X4	290-103076 336.85	300-103076 378.78	3301-664232P 422.02
12X6	290-103077 346.16	300-103077 391.60	3301-666232P 452.80
12X8	290-103078 400.95	300-103078 403.29	3301-668232P 482.73
12X10	290-103079 412.62	300-103079 445.23	3301-670232P 542.97
15	290-103088 729.65	300-103088 902.17	3301-150232P 1081.63
15X4	290-103083 540.83	300-103083 571.10	3301-724232P 751.79
15X6	290-103084 547.56	300-103084 662.05	3301-726232P 799.56
15X8	290-103085 576.94	300-103085 673.71	3301-728232P 829.88
15X10	290-103086 621.22	300-103086 691.21	3301-730232P 871.85
15X12	290-103087 662.05	300-103087 751.79	3301-732232P 927.46
18	290-103097 1163.24	300-103097 1352.07	3301-180232P 1742.56
18X4	290-103091 701.67	300-103091 782.10	3301-784232P 961.59
18X6	290-103092 751.79	300-103092 841.53	3301-786232P 1052.52
18X8	290-103093 768.12	300-103093 949.97	3301-788232P 1142.28
18X10	290-103094 854.38	300-103094 991.91	3301-790232P 1232.03
18X12	290-103095 926.63	300-103095 1052.52	3301-792232P 1292.67
18X15	290-103096 968.59	300-103096 1111.96	3301-795232P 1382.38
21	2901-210232 1831.15	3001-210232 2253.15	3301-210232P 2751.97
21X4	290-103110 1088.68	300-103110 1322.97	3301-844232P 1592.21
21X6	290-103111 1100.32	300-103111 1352.07	3301-846232P 1622.50
21X8	290-103112 1158.59	300-103112 1424.36	3301-848232P 1700.59
21X10	290-103113 1194.72	300-103113 1442.99	3301-850232P 1755.35
21X12	290-103114 1311.32	300-103114 1532.76	3301-852232P 1923.24
21X15	290-103115 1419.71	300-103115 1592.21	3301-855232P 2073.57
21X18	290-103116 1606.19	300-103116 1923.24	3301-858232P 2344.03
24	2901-240232 4106.82	3001-240232 4350.38	3301-240232P 5931.06
24X6	2901-906232 2920.44	3001-906232 3309.15	3301-906232P 4136.48
24X8	2901-908232 3073.54	3001-908232 3431.50	3301-908232P 4350.24
24X10	2901-910232 3230.73	3001-910232 3493.43	3301-910232P 4635.49
24X12	2901-912232 3405.06	3001-912232 3584.90	3301-912232P 4841.15



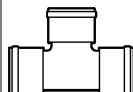
**Tee (Gasket x Spigot x Gasket) (continued)**

24X15	2901-915232 3583.52	3001-915232 3738.26	3301-915232P 5086.01
24X18	2901-918232 3769.05	3001-918232 3921.24	3301-918232P 5330.95
24X21	2901-921232 3968.76	3001-921232 4167.28	3301-921232P 5637.49
27	2901-270232 6177.95	3001-270232 6892.78	3301-270232P 8731.54
27X6	2901-936232 3650.16	3001-936232 4136.36	3301-936232P 5208.48
27X8	2901-938232 3841.47	3001-938232 4350.32	3301-938232P 5453.27
27X10	2901-940232 4038.95	3001-940232 4595.22	3301-940232P 5698.17
27X12	2901-942232 4257.59	3001-942232 4841.19	3301-942232P 5973.87
27X15	2901-945232 4480.97	3001-945232 5086.01	3301-945232P 6189.00
27X18	2901-948232 4712.84	3001-948232 5361.72	3301-948232P 6678.74
27X21	2901-951232 4961.28	3001-951232 5637.61	3301-951232P 7046.03
27X24	2901-954232 5222.72	3001-954232 5882.48	3301-954232P 7444.30



**Tee (Gasketed)**

6	290-103174 174.82	300-103174 180.64	3301-0602P 192.74
6X4	290-103173 151.50	300-103173 169.00	3301-5322P 182.11
8	290-103179 221.47	300-103179 241.30	3301-0802P 289.83
8X4	290-103177 186.50	300-103177 205.11	3301-5822P 217.55
8X6	290-103178 209.81	300-103178 216.80	3301-5852P 253.67
10	290-103185 331.03	300-103185 367.17	3301-1002P 434.99
10X4	290-103182 289.06	300-103182 300.71	3301-6242P 314.49
10X6	290-103183 294.86	300-103183 313.52	3301-6262P 349.69
10X8	290-103184 325.18	300-103184 336.85	3301-6282P 380.11
12	290-103192 456.89	300-103192 498.87	3301-1202P 603.18
12X4	290-103188 336.85	300-103188 378.78	3301-6642P 422.02
12X6	290-103189 346.16	300-103189 391.60	3301-6662P 452.79
12X8	290-103190 400.95	300-103190 403.29	3301-6682P 482.73
12X10	290-103191 412.62	300-103191 445.23	3301-6702P 542.97
15	290-103200 729.65	300-103200 902.17	3301-1502P 1081.63
15X4	290-103195 540.83	300-103195 571.10	3301-7242P 751.79
15X6	290-103196 547.56	300-103196 662.05	3301-7262P 799.56
15X8	290-103197 576.94	300-103197 673.71	3301-7282P 829.88
15X10	290-103198 621.22	300-103198 691.21	3301-7302P 871.85
15X12	290-103199 662.05	300-103199 751.79	3301-7322P 931.31
18	290-103209 1163.24	300-103209 1352.07	3301-1802P 1742.56
18X4	290-103203 701.67	300-103203 782.10	3301-7842P 961.59
18X6	290-103204 751.79	300-103204 841.53	3301-7862P 1052.52
18X8	290-103205 768.12	300-103205 949.97	3301-7882P 1142.28



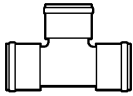




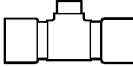
**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Tee (Gasketed) (continued)**

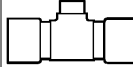
	18X10	290-103206 854.38	300-103206 991.91	3301-7902P 1232.03
	18X12	290-103207 926.63	300-103207 1052.52	3301-7922P 1292.67
	18X15	290-103208 968.59	300-103208 1111.96	3301-7952P 1382.38
	21	290-103230 1831.15	300-103230 2253.15	3301-2102P 2751.97
	21X4	290-103222 1088.68	300-103222 1322.97	3301-8442P 1592.21
	21X6	290-103223 1100.32	300-103223 1352.07	3301-8462P 1622.50
	21X8	290-103224 1158.59	300-103224 1424.36	3301-8482P 1700.59
	21X10	290-103225 1194.72	300-103225 1442.99	3301-8502P 1755.35
	21X12	290-103226 1311.32	300-103226 1532.76	3301-8522P 1923.24
	21X15	290-103227 1419.71	300-103227 1592.21	3301-8552P 2073.57
	21X18	290-103228 1606.19	300-103228 1923.24	3301-8582P 2344.03
	24	2901-2402 4106.82	3001-2402 4350.38	3301-2402P 5931.06
	24X6	2901-9062 2920.44	3001-9062 3309.15	3301-9062P 4136.48
	24X8	2901-9082 3073.54	3001-9082 3431.50	3301-9082P 4350.24
	24X10	2901-9102 3230.73	3001-9102 3493.43	3301-9102P 4635.49
	24X12	2901-9122 3405.06	3001-9122 3584.90	3301-9122P 4841.15
	24X15	2901-9152 3583.52	3001-9152 3738.26	3301-9152P 5086.01
	24X18	2901-9182 3769.05	3001-9182 3921.24	3301-9182P 5330.95
	24X21	2901-9212 3968.76	3001-9212 4167.28	3301-9212P 5637.49
	27	2901-2702 6177.95	3001-2702 6892.78	3301-2702P 8731.54
	27X6	2901-9362 3650.16	3001-9362 4136.36	3301-9362P 5208.48
	27X8	2901-9382 3841.47	3001-9382 4350.32	3301-9382P 5453.27
	27X10	2901-9402 4038.95	3001-9402 4595.22	3301-9402P 5698.17
	27X12	2901-9422 4257.59	3001-9422 4841.19	3301-9422P 5973.87
	27X15	2901-9452 4480.97	3001-9452 5086.01	3301-9452P 6189.00
	27X18	2901-9482 4712.84	3001-9482 5361.72	3301-9482P 6678.74
	27X21	2901-9512 4961.28	3001-9512 5637.61	3301-9512P 7046.03
	27X24	2901-9542 5222.72	3001-9542 5882.48	3301-9542P 7444.30

**Reinforced Tee (Soc x Soc x Fipt)**

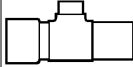
	6X2	---	300-202152 71.51	3302-528P 108.81
	6X3	---	300-202154 78.05	3302-530P 124.68
	6X4	---	300-202155 87.40	3302-532P 128.20
	8X2	---	300-202157 108.39	3302-578P 176.11
	8X3	---	300-202159 114.19	3302-580P 188.05
	8X4	---	300-202160 123.54	3302-582P 159.46
	10X2	---	300-202162 148.04	3302-621P 198.81
	10X3	---	300-202164 181.80	3302-623P 246.26

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each


**Reinforced Tee (Soc x Soc x Fipt) (continued)**

	10X4	---	300-202165 194.65	3302-624P 242.32
	12X2	---	300-202167 226.11	3302-661P 244.70
	12X3	---	300-202169 250.56	3302-663P 268.99
	12X4	---	300-202170 286.71	3302-664P 314.82
	15X2	---	300-202172 372.67	3302-721P 431.23
	15X3	---	300-202174 396.43	3302-723P 454.57
	15X4	---	300-202175 425.13	3302-724P 466.26

**Reinforced Tee (Soc x Spig x Fipt)**

	6X2	---	300-202222 59.45	---
	6X3	---	300-202224 69.93	---
	6X4	---	300-202225 81.56	---
	8X2	---	300-202227 95.56	---
	8X3	---	300-202229 104.89	---
	8X4	---	300-202230 114.19	---
	10X2	---	300-202232 142.13	---
	10X3	---	300-202234 173.68	---
	10X4	---	300-202235 184.15	---
	12X2	---	300-202237 212.11	---
	12X3	---	300-202239 242.41	---
	12X4	---	300-202240 276.24	---
	15X2	---	300-202242 370.63	3302-72113P 419.61
	15X3	---	300-202244 392.79	3302-72313P 448.76
	15X4	---	300-202245 418.41	3302-72413P 460.38

**Reinforced Tee (Gasket x Spig x Fipt)**

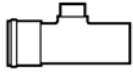
	6X2	---	300-202362 102.54	---
	6X3	---	300-202364 132.86	---
	6X4	---	300-202365 138.71	---
	8X2	---	300-202367 144.52	---
	8X3	---	300-202369 169.00	---
	8X4	---	300-202370 186.50	---
	10X2	---	300-202372 216.80	---
	10X3	---	300-202374 228.43	---
	10X4	---	300-202375 237.74	---
	12X2	---	300-202377 300.71	---
	12X3	---	300-202379 325.18	---
	12X4	---	300-202380 336.85	---
	15X2	---	300-202382 420.77	3302-72123P 512.57
15X3	---	300-202384 445.23	3302-72323P 549.33	

## Turf & Irrigation PVC 80, 100 & 125 PSI PIP Fabricated Fittings

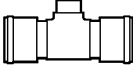


Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

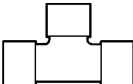
### Reinforced Tee (Gasket x Spig x Fipt) (continued)

	15X4	---	300-202385 481.37	3302-72423P 598.96
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### Reinforced Tee (Gasket x Fipt)


	6X2	---	300-202432 108.39	---
	6X3	---	300-202434 132.86	---
	6X4	---	300-202435 144.52	---
	8X2	---	300-202437 163.16	---
	8X3	---	300-202439 178.33	---
	8X4	---	300-202440 192.30	---
	10X2	---	300-202442 235.41	---
	10X3	---	300-202444 258.73	---
	10X4	---	300-202445 277.37	---
	12X2	---	300-202447 331.03	---
	12X3	---	300-202449 348.48	---
	12X4	---	300-202450 373.00	---
	15X2	---	300-202452 481.37	3302-7212P 588.15
	15X3	---	300-202454 498.87	3302-7232P 639.05
	15X4	---	300-202455 523.36	3302-7242P 672.05

### PIP X IPS Tee (Socket)

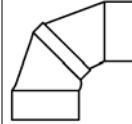
	6	2901-060PXI 79.97	3001-060PXI 101.79	3301-060PXI 102.34
	8	2901-080PXI 146.71	3001-080PXI 204.52	3301-080PXI 205.17
	8X6	2901-585PXI 102.95	3001-585PXI 123.54	3301-585PXI 159.79
	10	2901-100PXI 199.38	3001-100PXI 241.30	3301-100PXI 306.26
	10X6	2901-626PXI 141.31	300-102821 157.34	3301-626PXI 218.76
	10X8	2901-628PXI 163.26	3001-628PXI 322.99	3301-628PXI 271.30
	12	2901-120PXI 300.71	3001-120PXI 384.60	3301-120PXI 452.63
	12X6	2901-666PXI 238.96	300-102599 245.90	3301-666PXI 318.47
	12X8	2901-668PXI 222.40	300-102607 290.21	3301-668PXI 377.01
	12X10	2901-670PXI 272.73	3001-670PXI 334.50	3301-670PXI 418.29
	15X6	2901-726PXI 290.31	300-102708 370.63	3301-726PXI 450.31
	15X8	2901-728PXI 335.24	300-102709 467.53	3301-728PXI 518.26
	15X10	2901-730PXI 380.17	3001-730PXI 490.72	3301-730PXI 586.16
	15X12	2901-732PXI 434.93	300-102817 551.34	3301-732PXI 676.60
	18X6	2901-786PXI 502.88	3001-786PXI 581.61	3301-786PXI 696.83
	18X8	2901-788PXI 523.72	3001-788PXI 606.09	3301-788PXI 777.90
	18X10	2901-790PXI 588.61	3001-790PXI 651.56	3301-790PXI 850.21

Size	80 PIP	100 PIP	125 PIP
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

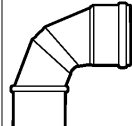
### PIP X IPS Tee (Socket) (continued)

	18X12	2901-792PXI 651.56	3001-792PXI 773.96	3301-792PXI 955.39
	21X6	2901-846PXI 741.31	3001-846PXI 1024.18	3301-846PXI 1080.33
	21X8	2901-848PXI 743.93	3001-848PXI 1054.84	3301-848PXI 1125.23
	21X10	2901-850PXI 843.86	3001-850PXI 1094.47	3301-850PXI 1177.84
	21X12	2901-852PXI 868.86	3001-852PXI 1104.98	3301-852PXI 1464.90
	24X6	2901-906PXI 1032.73	3001-906PXI 1253.02	3301-906PXI 1255.63
	24X8	2901-908PXI 1100.32	3001-908PXI 1335.78	3301-908PXI 1360.84
	24X10	2901-910PXI 1132.94	3001-910PXI 1447.70	3301-910PXI 1464.90
	24X12	2901-912PXI 1151.55	3001-912PXI 1558.40	3301-912PXI 1570.07

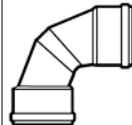
### 90° Elbow (Socket)

	6	290-100812 115.39	300-100812 135.21	3306-060P 167.63
	8	290-100813 156.18	300-100813 213.32	3306-080P 243.24
	10	290-100814 256.43	300-100814 300.71	3306-100P 335.67
	12	290-100815 329.81	300-100815 421.90	3306-120P 436.69
	15	290-100816 550.16	300-100816 653.90	3306-150P 748.30
	18	290-100817 827.55	300-100817 974.39	3306-180P 1280.97
	21	290-100819 1294.96	300-100819 1570.04	3306-210P 1929.07
	24	290-100820 2894.21	300-100820 3451.37	3306-240P 3635.49
	27	2906-270 3083.16	3006-270 3660.88	3306-270P 4047.28

### 90° Elbow (Gasket x Spigot)

	6	290-100878 139.82	300-100878 151.50	3306-06023P 222.98
	8	290-100879 221.47	300-100879 242.41	3306-08023P 289.70
	10	290-100880 329.81	300-100880 374.12	3306-10023P 447.49
	12	290-100881 448.76	300-100881 531.50	3306-12023P 643.82
	15	290-100882 860.21	300-100882 1086.33	3306-15023P 1225.05
	18	290-100883 1442.99	300-100883 1670.29	3306-18023P 1698.29
	21	290-100885 2091.09	300-100885 2507.23	3306-21023P 3028.27
	24	2906-24023 3337.52	3006-24023 3792.89	3306-24023P 4742.61
	27	2906-27023 4528.65	3006-27023 5245.46	3306-27023P 6235.45

### 90° Elbow (Gasketed)

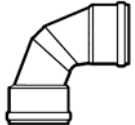
	6	290-100900 139.82	300-100900 151.50	3306-0602P 222.98
	8	290-100901 221.47	300-100901 242.41	3306-0802P 289.70
	10	290-100902 329.81	300-100902 374.12	3306-1002P 447.49
	12	290-100903 448.76	300-100903 531.50	3306-1202P 643.82
	15	290-100904 860.21	300-100904 1086.33	3306-1502P 1225.05
	18	290-100905 1442.99	300-100905 1670.29	3306-1802P 1698.29
	21	290-100907 2091.09	300-100907 2507.23	3306-2102P 3028.27
	24	2906-2402 3337.52	3006-2402 3792.89	3306-2402P 4742.61



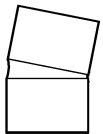
**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

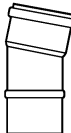
**90° Elbow (Gasketed) (continued)**

	27	2906-2702 4528.65	3006-2702 5245.46	3306-2702P 6235.45
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**11-1/4° Elbow (Socket)**

	6	290-100114 31.49	300-100114 37.27	3311-060P 46.14
	8	290-100115 51.24	300-100115 55.91	3311-080P 68.67
	10	290-100116 92.03	300-100116 106.05	3311-100P 133.02
	12	290-100117 130.50	300-100117 148.04	3311-120P 183.07
	15	290-100118 202.80	300-100118 248.23	3311-150P 322.86
	18	290-100119 348.48	300-100119 412.62	3311-180P 512.86
	21	290-100121 581.61	300-100121 663.19	3311-210P 863.71
	24	290-100122 782.10	300-100122 863.71	3311-240P 932.46
	27	2911-270 980.55	3011-270 1047.29	3311-270P 1362.20

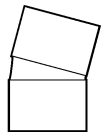
**11-1/4° Elbow (Gasket x Spigot)**

	6	290-100186 93.23	300-100186 114.19	3311-06023P 132.99
	8	290-100187 151.50	300-100187 169.00	3311-08023P 197.91
	10	290-100188 227.28	300-100188 250.56	3311-10023P 290.39
	12	290-100189 308.84	300-100189 361.32	3311-12023P 419.88
	15	290-100190 544.33	300-100190 596.76	3311-15023P 706.35
	18	290-100191 862.52	300-100191 988.41	3311-18023P 1174.93
	21	290-100193 1273.97	300-100193 1370.76	3311-21023P 1782.19
	24	2911-24023 2108.47	3011-24023 2386.01	3311-24023P 2995.09
	27	2911-27023 2727.97	3011-27023 3085.71	3311-27023P 3729.26

**11-1/4° Elbow (Gasketed)**

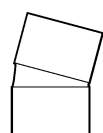
	6	290-100210 93.23	300-100210 114.19	3311-0602P 132.99
	8	290-100211 151.50	300-100211 169.00	3311-0802P 197.91
	10	290-100212 227.28	300-100212 250.56	3311-1002P 290.39
	12	290-100213 308.84	300-100213 361.32	3311-1202P 419.88
	15	290-100214 544.33	300-100214 596.76	3311-1502P 706.35
	18	290-100215 862.52	300-100215 988.41	3311-1802P 1174.93
	21	290-100217 1273.97	300-100217 1370.76	3311-2102P 1782.19
	24	2911-2402 2108.47	3011-2402 2386.01	3311-2402P 2995.09
	27	2911-2702 2727.97	3011-2702 3085.71	3311-2702P 3729.26

**15° Elbow (Socket)**


	6	290-100234 31.49	300-100234 37.27	3318-060P 46.14
	8	290-100235 51.24	300-100235 55.91	3318-080P 68.67
	10	290-100236 92.03	300-100236 106.05	3318-100P 133.02
	12	290-100237 130.50	300-100237 148.04	3318-120P 183.07

Size	80 PSI	100 PSI	125 PIP
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each


**15° Elbow (Socket) (continued)**

	15	290-100238 202.80	300-100238 248.23	3318-150P 322.86
	18	290-100239 348.48	300-100239 412.62	3318-180P 512.86
	21	290-100241 581.61	300-100241 663.19	3318-210P 863.71
	24	290-100242 782.10	300-100242 863.71	3318-240P 932.46
	27	2918-270 980.55	3018-270 1047.29	3318-270P 1362.20

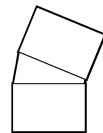
**15° Elbow (Gasket x Spigot)**

	6	290-100306 93.23	300-100306 114.19	3318-06023P 132.99
	8	290-100307 151.50	300-100307 169.00	3318-08023P 197.91
	10	290-100308 227.28	300-100308 250.56	3318-10023P 290.39
	12	290-100309 308.84	300-100309 361.32	3318-12023P 419.88
	15	290-100310 544.33	300-100310 596.76	3318-15023P 706.35
	18	290-100311 862.52	300-100311 988.41	3318-18023P 1174.93
	21	290-100313 1273.97	300-100313 1370.76	3318-21023P 1782.19
	24	2918-24023 2108.47	3018-24023 2386.01	3318-24023P 2995.09
	27	2918-27023 2727.97	3018-27023 3085.71	3318-27023P 3729.26

**15° Elbow (Gasketed)**

	6	290-100330 93.23	300-100330 114.19	3318-0602P 132.99
	8	290-100331 151.50	300-100331 169.00	3318-0802P 197.91
	10	290-100332 227.28	300-100332 250.56	3318-1002P 290.39
	12	290-100333 308.84	300-100333 361.32	3318-1202P 419.88
	15	290-100334 544.33	300-100334 596.76	3318-1502P 706.35
	18	290-100335 862.52	300-100335 988.41	3318-1802P 1174.93
	21	290-100336 1274.01	300-100336 1370.76	3318-2102P 1782.19
	24	2918-2402 2108.47	3018-2402 2386.01	3318-2402P 2995.09
	27	2918-2702 2727.97	3018-2702 3085.71	3318-2702P 3729.26

**22-1/2° Elbow (Socket)**

	6	290-100354 31.49	300-100354 37.27	3316-060P 46.45
	8	290-100355 51.24	300-100355 55.91	3316-080P 68.10
	10	290-100356 92.03	300-100356 106.05	3316-100P 133.02
	12	290-100357 130.50	300-100357 148.04	3316-120P 183.07
	15	290-100358 202.80	300-100358 248.23	3316-150P 322.86
	18	290-100359 348.48	300-100359 412.62	3316-180P 512.86
	21	290-100361 581.61	300-100361 663.19	3316-210P 863.71
	24	290-100362 782.10	300-100362 863.71	3316-240P 932.46
	27	2916-270 980.55	3016-270 1047.29	3316-270P 1362.20

**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**22-1/2° Elbow (Gasket x Spigot)**

	6	290-100426 93.23	300-100426 114.19	3316-06023P 132.99
	8	290-100427 151.50	300-100427 169.00	3316-08023P 197.91
	10	290-100428 227.28	300-100428 250.56	3316-10023P 290.39
	12	290-100429 308.84	300-100429 361.32	3316-12023P 419.88
	15	290-100430 544.33	300-100430 596.76	3316-15023P 706.35
	18	290-100431 862.52	300-100431 988.41	3316-18023P 1174.93
	21	290-100433 1273.97	300-100433 1370.76	3316-21023P 1782.19
	24	2916-24023 2108.47	3016-24023 2386.01	3316-24023P 2995.09
	27	2916-27023 2727.97	3016-27023 3085.71	3316-27023P 3729.26

**22-1/2° Elbow (Gasketed)**

	6	290-100450 93.23	300-100450 114.19	3316-0602P 132.99
	8	290-100451 151.50	300-100451 169.00	3316-0802P 197.91
	10	290-100452 227.28	300-100452 250.56	3316-1002P 290.39
	12	290-100453 308.84	300-100453 361.32	3316-1202P 419.88
	15	290-100454 544.33	300-100454 596.76	3316-1502P 706.35
	18	290-100455 862.52	300-100455 988.41	3316-1802P 1174.93
	21	290-100457 1273.97	300-100457 1370.76	3316-2102P 1782.19
	24	2916-2402 2108.47	3016-2402 2386.01	3316-2402P 2995.09
	27	2916-2702 2727.97	3016-2702 3085.71	3316-2702P 3729.26

**30° Elbow (Socket)**

	6	290-100474 47.76	300-100474 50.12	3315-060P 64.11
	8	290-100475 72.29	300-100475 87.40	3315-080P 108.22
	10	290-100476 111.84	300-100476 131.69	3315-100P 163.80
	12	290-100477 160.81	300-100477 195.81	3315-120P 217.18
	15	290-100478 254.07	300-100478 304.21	3315-150P 376.46
	18	290-100479 414.94	300-100479 507.02	3315-180P 635.22
	21	290-100481 671.38	300-100481 818.27	3315-210P 1030.37
	24	290-100482 1915.10	300-100482 2226.30	3315-240P 2337.04
	27	2915-270 2110.82	3015-270 2374.79	3315-270P 2616.14

**30° Elbow (Gasket x Spigot)**

	6	290-100546 116.52	300-100546 134.04	3315-06023P 160.05
	8	290-100547 174.82	300-100547 189.97	3315-08023P 225.86
	10	290-100548 245.90	300-100548 272.73	3315-10023P 319.40
	12	290-100549 331.03	300-100549 388.14	3315-12023P 456.13
	15	290-100550 673.71	300-100550 785.61	3315-15023P 877.67
	18	290-100551 946.44	300-100551 1113.11	3315-18023P 1391.68
	21	290-100553 1410.36	300-100553 1204.94	3315-21023P 1981.52
	24	2915-24023 2262.72	3015-24023 3102.89	3315-24023P 3214.02

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**30° Elbow (Gasket x Spigot) (continued)**

	27	2915-27023 3057.07	3015-27023 3567.53	3315-27023P 4177.83
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**30° Elbow (Gasketed)**

	6	290-100570 116.52	300-100570 134.04	3315-0602P 160.05
	8	290-100571 174.82	300-100571 189.97	3315-0802P 225.86
	10	290-100572 245.90	300-100572 272.73	3315-1002P 319.40
	12	290-100573 331.03	300-100573 388.14	3315-1202P 456.13
	15	290-100574 673.71	300-100574 785.61	3315-1502P 877.67
	18	290-100575 946.44	300-100575 1113.11	3315-1802P 1391.68
	21	290-100577 1410.36	300-100577 1204.94	3315-2102P 1981.52
	24	2915-2402 2262.97	3015-2402 3102.89	3315-2402P 3214.02
	27	2915-2702 3057.07	3015-2702 3567.53	3315-2702P 4177.83

**45° Elbow (Socket)**

	6	290-100592 47.76	300-100592 50.12	3317-060P 64.13
	8	290-100593 72.29	300-100593 87.40	3317-080P 108.22
	10	290-100594 111.84	300-100594 131.69	3317-100P 163.80
	12	290-100595 160.81	300-100595 195.81	3317-120P 217.18
	15	290-100596 254.07	300-100596 304.21	3317-150P 376.46
	18	290-100597 414.94	300-100597 507.02	3317-180P 635.22
	21	290-100599 671.38	300-100599 818.27	3317-210P 1030.37
	24	290-100600 1915.10	300-100600 2226.30	3317-240P 2337.04
	27	2917-270 2110.82	3017-270 2374.79	3317-270P 2616.14

**45° Elbow (Gasket x Spigot)**

	6	290-100658 116.52	300-100658 134.04	3317-06023P 160.05
	8	290-100659 174.82	300-100659 189.97	3317-08023P 225.86
	10	290-100660 245.90	300-100660 272.73	3317-10023P 319.40
	12	290-100661 331.03	300-100661 388.14	3317-12023P 456.13
	15	290-100662 673.71	300-100662 785.61	3317-15023P 877.67
	18	290-100663 946.44	300-100663 1113.11	3317-18023P 1391.68
	21	290-100665 1410.36	300-100665 1204.94	3317-21023P 1981.52
	24	2917-24023 2262.97	3017-24023 3102.89	3317-24023P 3214.02
	27	2917-27023 3057.07	3017-27023 3567.53	3317-27023P 4177.83



**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**45° Elbow (Gasketed) (continued)**

	15	290-100684 <b>673.71</b>	300-100684 <b>785.61</b>	3317-1502P <b>877.67</b>
	18	290-100685 <b>946.44</b>	300-100685 <b>1113.11</b>	3317-1802P <b>1391.68</b>
	21	290-100687 <b>1410.36</b>	300-100687 <b>1677.31</b>	3317-2102P <b>1981.52</b>
	24	2917-2402 <b>2262.97</b>	3017-2402 <b>3102.89</b>	3317-2402P <b>3214.02</b>
	27	2917-2702 <b>3057.07</b>	3017-2702 <b>3567.53</b>	3317-2702P <b>4177.83</b>

**60° Elbow (Socket)**

	6	290-100702 <b>115.39</b>	300-100702 <b>135.21</b>	3324-060P <b>167.63</b>
	8	290-100703 <b>156.18</b>	300-100703 <b>213.32</b>	3324-080P <b>243.21</b>
	10	290-100704 <b>256.43</b>	300-100704 <b>300.71</b>	3324-100P <b>335.67</b>
	12	290-100705 <b>329.81</b>	300-100705 <b>421.90</b>	3324-120P <b>436.69</b>
	15	290-100706 <b>550.16</b>	300-100706 <b>653.90</b>	3324-150P <b>748.30</b>
	18	290-100707 <b>827.55</b>	300-100707 <b>974.39</b>	3324-180P <b>1280.97</b>
	21	290-100709 <b>1294.96</b>	300-100709 <b>1570.04</b>	3324-210P <b>1929.07</b>
	24	290-100710 <b>2894.21</b>	300-100710 <b>3451.37</b>	3324-240P <b>3635.49</b>
	27	2924-270 <b>3083.16</b>	3024-270 <b>3660.88</b>	3324-270P <b>4047.28</b>

**60° Elbow (Gasket x Spigot)**

	6	290-100768 <b>139.82</b>	300-100768 <b>151.50</b>	3324-06023P <b>222.98</b>
	8	290-100769 <b>221.47</b>	300-100769 <b>242.41</b>	3324-08023P <b>289.70</b>
	10	290-100770 <b>329.81</b>	300-100770 <b>374.12</b>	3324-10023P <b>447.49</b>
	12	290-100771 <b>448.76</b>	300-100771 <b>531.50</b>	3324-12023P <b>643.82</b>
	15	290-100772 <b>860.21</b>	300-100772 <b>1086.33</b>	3324-15023P <b>1225.05</b>
	18	290-100773 <b>1442.99</b>	300-100773 <b>1670.29</b>	3324-18023P <b>1698.29</b>
	21	290-100775 <b>2091.09</b>	300-100775 <b>2507.23</b>	3324-21023P <b>3028.27</b>
	24	2924-24023 <b>3337.52</b>	3024-24023 <b>3792.89</b>	3324-24023P <b>4742.61</b>
	27	2924-27023 <b>4528.65</b>	3024-27023 <b>5245.46</b>	3324-27023P <b>6235.45</b>

**60° Elbow (Gasketed)**

	6	290-100790 <b>139.82</b>	300-100790 <b>151.50</b>	3324-0602P <b>222.98</b>
	8	290-100791 <b>221.47</b>	300-100791 <b>242.41</b>	3324-0802P <b>289.70</b>
	10	290-100792 <b>329.81</b>	300-100792 <b>374.12</b>	3324-1002P <b>447.49</b>
	12	290-100793 <b>448.76</b>	300-100793 <b>531.50</b>	3324-1202P <b>643.82</b>
	15	290-100794 <b>860.21</b>	300-100794 <b>1086.33</b>	3324-1502P <b>1225.05</b>
	18	290-100795 <b>1442.99</b>	300-100795 <b>1670.29</b>	3324-1802P <b>1698.29</b>
	21	290-100797 <b>2091.09</b>	300-100797 <b>2507.23</b>	3324-2102P <b>3028.27</b>
	24	2924-2402 <b>3337.52</b>	3024-2402 <b>3792.89</b>	3324-2402P <b>4742.61</b>
	27	2924-2702 <b>4528.65</b>	3024-2702 <b>5245.46</b>	3324-2702P <b>6235.45</b>

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Repair Coupling (Gasketed)**

	6	2928-060 <b>93.33</b>	3028-060 <b>106.05</b>	3328-060P <b>121.20</b>
	8	2928-080 <b>130.74</b>	3028-080 <b>150.33</b>	3328-080P <b>180.61</b>
	10	2928-100 <b>225.70</b>	3028-100 <b>241.30</b>	3328-100P <b>284.61</b>
	12	2928-120 <b>314.82</b>	3028-120 <b>331.03</b>	3328-120P <b>394.11</b>
	15	2928-150 <b>469.73</b>	3028-150 <b>493.07</b>	3328-150P <b>596.76</b>
	18	2928-180 <b>782.63</b>	3028-180 <b>902.17</b>	3328-180P <b>1242.34</b>
	21	2928-210 <b>1081.41</b>	3028-210 <b>1298.29</b>	3328-210P <b>1745.67</b>
	24	2928-240 <b>1499.19</b>	3028-240 <b>1800.18</b>	3328-240P <b>2441.62</b>
	27	2928-270 <b>1919.96</b>	3028-270 <b>2396.76</b>	3328-270P <b>3051.06</b>

**Coupling (Socket)**

	6	290-100002 <b>27.97</b>	300-100002 <b>31.49</b>	3329-060P <b>41.72</b>
	8	290-100003 <b>34.95</b>	300-100003 <b>43.09</b>	3329-080P <b>53.06</b>
	10	290-100004 <b>58.26</b>	300-100004 <b>68.77</b>	3329-100P <b>84.90</b>
	12	290-100005 <b>87.40</b>	300-100005 <b>106.05</b>	3329-120P <b>137.84</b>
	15	290-100006 <b>132.86</b>	300-100006 <b>181.80</b>	3329-150P <b>207.09</b>
	18	290-100007 <b>304.21</b>	300-100007 <b>382.32</b>	3329-180P <b>466.16</b>
	21	290-100009 <b>404.44</b>	300-100009 <b>667.88</b>	3329-210P <b>754.06</b>
	24	290-100010 <b>709.81</b>	300-100010 <b>890.49</b>	3329-240P <b>906.89</b>
	27	2929-270 <b>860.47</b>	3029-270 <b>1072.06</b>	3329-270P <b>1656.01</b>

**Coupling (Gasket x Spigot)**

	6	290-100068 <b>58.26</b>	300-100068 <b>61.76</b>	3329-06023P <b>77.28</b>
	8	290-100069 <b>88.54</b>	300-100069 <b>95.56</b>	3329-08023P <b>122.33</b>
	10	290-100070 <b>131.69</b>	300-100070 <b>139.82</b>	3329-10023P <b>181.67</b>
	12	290-100071 <b>161.98</b>	300-100071 <b>189.97</b>	3329-12023P <b>238.44</b>
	15	290-100072 <b>250.56</b>	300-100072 <b>378.78</b>	3329-15023P <b>440.60</b>
	18	290-100073 <b>420.77</b>	300-100073 <b>512.86</b>	3329-18023P <b>579.71</b>
	21	290-100075 <b>615.44</b>	300-100075 <b>796.09</b>	3329-21023P <b>883.44</b>
	24	2929-24023 <b>751.79</b>	3029-24023 <b>1001.20</b>	3329-24023P <b>1251.02</b>
	27	2929-27023 <b>976.24</b>	3029-27023 <b>1220.16</b>	3329-27023P <b>1525.47</b>

**Coupling (Gasketed)**

	6	290-100090 <b>69.93</b>	300-100090 <b>78.05</b>	3329-0602P <b>101.00</b>
	8	290-100091 <b>128.20</b>	300-100091 <b>144.67</b>	3329-0802P <b>165.89</b>
	10	290-100092 <b>164.06</b>	300-100092 <b>184.15</b>	3329-1002P <b>243.90</b>
	12	290-100093 <b>206.32</b>	300-100093 <b>269.50</b>	3329-1202P <b>271.30</b>
	15	290-100094 <b>332.16</b>	300-100094 <b>495.35</b>	3329-1502P <b>515.15</b>
	18	290-100095 <b>554.80</b>	300-100095 <b>585.14</b>	3329-1802P <b>731.55</b>
	21	290-100097 <b>693.52</b>	300-100097 <b>946.44</b>	3329-2102P <b>1076.74</b>
	24	2929-2402 <b>1164.46</b>	3029-2402 <b>1259.88</b>	3329-2402P <b>1512.11</b>

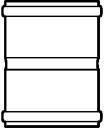


**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

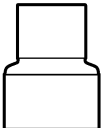


Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Coupling (Gasketed) (continued)**

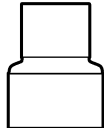
	<b>27</b>	2929-2702 <b>1341.97</b>	3029-2702 <b>1574.85</b>	3329-2702P <b>1969.46</b>
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**Reducer Coupling (Socket)**

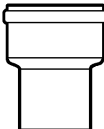
	<b>6X4</b>	2929-532 <b>34.43</b>	3029-532 <b>38.46</b>	3329-532P <b>41.01</b>
	<b>8X4</b>	2929-582 <b>97.90</b>	300-100927 <b>105.04</b>	3329-582P <b>122.21</b>
	<b>8X6</b>	2929-585 <b>50.97</b>	300-100928 <b>59.45</b>	3329-585P <b>68.91</b>
	<b>10X4</b>	2929-624 <b>134.67</b>	3029-624 <b>156.16</b>	3329-624P <b>171.61</b>
	<b>10X6</b>	2929-626 <b>111.35</b>	300-100930 <b>122.33</b>	3329-626P <b>120.19</b>
	<b>10X8</b>	2929-628 <b>70.01</b>	300-100931 <b>81.56</b>	3329-628P <b>152.40</b>
	<b>12X4</b>	2929-664 <b>193.29</b>	3029-664 <b>201.60</b>	3329-664P <b>293.97</b>
	<b>12X6</b>	2929-666 <b>177.23</b>	300-100933 <b>188.83</b>	3329-666P <b>272.28</b>
	<b>12X8</b>	2929-668 <b>123.50</b>	300-100934 <b>130.90</b>	3329-668P <b>238.33</b>
	<b>12X10</b>	2929-670 <b>101.99</b>	300-100935 <b>117.71</b>	3329-670P <b>224.84</b>
	<b>15X4</b>	2929-724 <b>416.74</b>	3029-724 <b>445.93</b>	3329-724P <b>528.50</b>
	<b>15X6</b>	2929-726 <b>393.99</b>	3029-726 <b>421.57</b>	3329-726P <b>458.72</b>
	<b>15X8</b>	2929-728 <b>369.74</b>	3029-728 <b>399.33</b>	3329-728P <b>430.37</b>
	<b>15X10</b>	2929-730 <b>255.10</b>	3029-730 <b>319.35</b>	3329-730P <b>347.36</b>
	<b>15X12</b>	2929-732 <b>164.67</b>	300-100940 <b>189.97</b>	3329-732P <b>327.71</b>
	<b>18X4</b>	2929-784 <b>810.98</b>	3029-784 <b>910.67</b>	3329-784P <b>964.51</b>
	<b>18X6</b>	2929-786 <b>844.62</b>	3029-786 <b>891.07</b>	3329-786P <b>944.44</b>
	<b>18X8</b>	2929-788 <b>778.60</b>	3029-788 <b>825.32</b>	3329-788P <b>883.10</b>
	<b>18X10</b>	2929-790 <b>501.05</b>	3029-790 <b>540.24</b>	3329-790P <b>610.51</b>
	<b>18X12</b>	2929-792 <b>491.19</b>	3029-792 <b>507.46</b>	3329-792P <b>575.36</b>
	<b>18X15</b>	2929-795 <b>295.17</b>	300-100946 <b>346.16</b>	3329-795P <b>420.77</b>
	<b>21X4</b>	2929-844 <b>1030.07</b>	3029-844 <b>1085.69</b>	3329-844P <b>1172.56</b>
	<b>21X6</b>	2929-846 <b>986.80</b>	3029-846 <b>1046.00</b>	3329-846P <b>1114.00</b>
	<b>21X8</b>	2929-848 <b>823.57</b>	3029-848 <b>865.10</b>	3329-848P <b>887.83</b>
	<b>21X10</b>	2929-850 <b>762.90</b>	3029-850 <b>805.63</b>	3329-850P <b>832.93</b>
	<b>21X12</b>	2929-852 <b>768.18</b>	3029-852 <b>737.81</b>	3329-852P <b>782.09</b>
	<b>21X15</b>	2929-855 <b>676.36</b>	3029-855 <b>716.86</b>	3329-855P <b>859.59</b>
	<b>21X18</b>	2929-858 <b>407.12</b>	300-100960 <b>476.70</b>	3329-858P <b>597.97</b>
	<b>24X6</b>	2929-906 <b>1633.93</b>	3029-906 <b>1742.51</b>	3329-906P <b>1899.33</b>
	<b>24X8</b>	2929-908 <b>1550.21</b>	3029-908 <b>1625.68</b>	3329-908P <b>1714.55</b>
	<b>24X10</b>	2929-910 <b>1475.67</b>	3029-910 <b>1555.35</b>	3329-910P <b>1670.10</b>
	<b>24X12</b>	2929-912 <b>1291.64</b>	3029-912 <b>1368.78</b>	3329-912P <b>1461.85</b>
	<b>24X15</b>	2929-915 <b>939.70</b>	3029-915 <b>1014.88</b>	3329-915P <b>1027.45</b>

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Socket) (continued)**

	<b>24X18</b>	2929-918 <b>891.66</b>	3029-918 <b>954.07</b>	3329-918P <b>1018.56</b>
	<b>24X21</b>	2929-921 <b>603.54</b>	300-100969 <b>701.67</b>	3329-921P <b>853.19</b>
	<b>27X6</b>	2929-936 <b>2124.46</b>	3029-936 <b>2267.99</b>	3329-936P <b>2449.44</b>
	<b>27X8</b>	2929-938 <b>1976.05</b>	3029-938 <b>2144.91</b>	3329-938P <b>2290.47</b>
	<b>27X10</b>	2929-940 <b>1852.65</b>	3029-940 <b>1973.84</b>	3329-940P <b>2109.94</b>
	<b>27X12</b>	2929-942 <b>1740.57</b>	3029-942 <b>1845.01</b>	3329-942P <b>1992.31</b>
	<b>27X15</b>	2929-945 <b>1371.10</b>	3029-945 <b>1465.06</b>	3329-945P <b>1563.29</b>
	<b>27X18</b>	2929-948 <b>1286.20</b>	3029-948 <b>1375.65</b>	3329-948P <b>1447.91</b>
	<b>27X21</b>	2929-951 <b>1066.72</b>	3029-951 <b>1277.61</b>	3329-951P <b>1365.96</b>
	<b>27X24</b>	2929-954 <b>829.68</b>	3029-954 <b>1034.71</b>	3329-954P <b>1290.29</b>

**Reducer Coupling (Gasket x Spigot)**

	<b>6X4</b>	2929-53223 <b>82.99</b>	300-101310 <b>85.07</b>	3329-53223P <b>121.31</b>
	<b>8X4</b>	2929-58223 <b>188.49</b>	300-100927 <b>105.04</b>	3329-58223P <b>235.03</b>
	<b>8X6</b>	2929-58523 <b>99.89</b>	300-101312 <b>121.20</b>	3329-58523P <b>157.39</b>
	<b>10X4</b>	2929-62423 <b>275.51</b>	3029-62423 <b>300.31</b>	3329-62423P <b>330.01</b>
	<b>10X6</b>	2929-62623 <b>214.14</b>	300-100930 <b>122.33</b>	3329-62623P <b>268.52</b>
	<b>10X8</b>	2929-62823 <b>162.82</b>	300-101315 <b>174.82</b>	3329-62823P <b>240.54</b>
	<b>12X4</b>	2929-66423 <b>371.70</b>	3029-66423 <b>387.69</b>	3329-66423P <b>543.56</b>
	<b>12X6</b>	2929-66623 <b>340.82</b>	300-100933 <b>188.83</b>	3329-66623P <b>523.60</b>
	<b>12X8</b>	2929-66823 <b>237.49</b>	300-100934 <b>130.90</b>	3329-66823P <b>458.33</b>
	<b>12X10</b>	2929-67023 <b>228.05</b>	300-101319 <b>256.43</b>	3329-67023P <b>313.18</b>
	<b>15X4</b>	2929-72423 <b>801.44</b>	3029-72423 <b>857.55</b>	3329-72423P <b>1081.22</b>
	<b>15X6</b>	2929-72623 <b>757.67</b>	3029-72623 <b>810.71</b>	3329-72623P <b>829.23</b>
	<b>15X8</b>	2929-72823 <b>711.05</b>	3029-72823 <b>767.95</b>	3329-72823P <b>815.32</b>
	<b>15X10</b>	2929-73023 <b>490.56</b>	3029-73023 <b>614.14</b>	3329-73023P <b>712.17</b>
	<b>15X12</b>	2929-73223 <b>391.95</b>	300-101324 <b>426.60</b>	3329-73223P <b>550.60</b>
	<b>18X4</b>	2929-78423 <b>1659.12</b>	3029-78423 <b>1751.29</b>	3329-78423P <b>1854.82</b>
	<b>18X6</b>	2929-78623 <b>1624.26</b>	3029-78623 <b>1713.60</b>	3329-78623P <b>1816.21</b>
	<b>18X8</b>	2929-78823 <b>1497.19</b>	3029-78823 <b>1587.14</b>	3329-78823P <b>1698.26</b>
	<b>18X10</b>	2929-79023 <b>963.55</b>	3029-79023 <b>1038.94</b>	3329-79023P <b>1174.06</b>
	<b>18X12</b>	2929-79223 <b>944.61</b>	3029-79223 <b>975.88</b>	3329-79223P <b>1106.46</b>
	<b>18X15</b>	2929-79523 <b>690.33</b>	300-101330 <b>811.27</b>	3329-79523P <b>841.53</b>
	<b>21X6</b>	2929-84623 <b>1897.68</b>	3029-84623 <b>2011.61</b>	3329-84623P <b>2142.31</b>
	<b>21X8</b>	2929-84823 <b>1647.15</b>	3029-84823 <b>1662.99</b>	3329-84823P <b>1707.37</b>
	<b>21X10</b>	2929-85023 <b>1467.13</b>	3029-85023 <b>1549.28</b>	3329-85023P <b>1601.78</b>
	<b>21X12</b>	2929-85223 <b>1364.41</b>	3029-85223 <b>1418.86</b>	3329-85223P <b>1504.01</b>
	<b>21X15</b>	2929-85523 <b>1300.69</b>	3029-85523 <b>1378.59</b>	3329-85523P <b>1464.49</b>



**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Gasket x Spigot) (continued)**

	<b>21X15</b>	2929-85523 <b>1300.69</b>	---	---
	<b>21X18</b>	2929-85823 <b>1022.29</b>	300-101344 <b>1296.31</b>	3329-85823P <b>1382.38</b>
	<b>24X6</b>	2929-90623 <b>3142.17</b>	3029-90623 <b>3350.97</b>	3329-90623P <b>3652.01</b>
	<b>24X8</b>	2929-90823 <b>2981.18</b>	3029-90823 <b>3126.30</b>	3329-90823P <b>3297.21</b>
	<b>24X10</b>	2929-91023 <b>2837.82</b>	3029-91023 <b>2990.39</b>	3329-91023P <b>3211.72</b>
	<b>24X12</b>	2929-91223 <b>2483.91</b>	3029-91223 <b>2631.28</b>	3329-91223P <b>2811.24</b>
	<b>24X15</b>	2929-91523 <b>1807.12</b>	3029-91523 <b>1951.70</b>	3329-91523P <b>2554.67</b>
	<b>24X18</b>	2929-91823 <b>1714.72</b>	3029-91823 <b>1925.30</b>	3329-91823P <b>2431.73</b>
	<b>24X21</b>	2929-92123 <b>1525.50</b>	3029-92123 <b>1892.93</b>	3329-92123P <b>2318.56</b>
	<b>27X6</b>	2929-93623 <b>4085.49</b>	3029-93623 <b>4361.53</b>	3329-93623P <b>4709.76</b>
	<b>27X8</b>	2929-93823 <b>3799.89</b>	3029-93823 <b>4124.30</b>	3329-93823P <b>4402.87</b>
	<b>27X10</b>	2929-94023 <b>3562.79</b>	3029-94023 <b>3806.98</b>	3329-94023P <b>4056.84</b>
	<b>27X12</b>	2929-94223 <b>3345.15</b>	3029-94223 <b>3547.55</b>	3329-94223P <b>3830.49</b>
	<b>27X15</b>	2929-94523 <b>2635.64</b>	3029-94523 <b>2816.28</b>	3329-94523P <b>3345.15</b>
	<b>27X18</b>	2929-94823 <b>2465.88</b>	3029-94823 <b>2644.34</b>	3329-94823P <b>3235.63</b>
	<b>27X21</b>	2929-95123 <b>2180.76</b>	3029-95123 <b>2454.99</b>	3329-95123P <b>3190.62</b>
	<b>27X24</b>	2929-95423 <b>2135.56</b>	3029-95423 <b>2685.26</b>	3329-95423P <b>3157.11</b>

**Reducer Coupling (Spigot x Gasket)**

	<b>6X4</b>	2929-53232 <b>79.04</b>	300-101383 <b>81.94</b>	3329-53232P <b>105.44</b>
	<b>8X4</b>	2929-58232 <b>180.96</b>	3029-58232 <b>193.94</b>	3329-58232P <b>225.63</b>
	<b>8X6</b>	2929-58532 <b>95.90</b>	300-101385 <b>114.19</b>	3329-58532P <b>121.86</b>
	<b>10X4</b>	2929-62432 <b>264.49</b>	3029-62432 <b>288.30</b>	3329-62432P <b>316.82</b>
	<b>10X6</b>	2929-62632 <b>205.56</b>	3029-62632 <b>225.85</b>	3329-62632P <b>257.79</b>
	<b>10X8</b>	2929-62832 <b>150.70</b>	300-101388 <b>170.37</b>	3329-62832P <b>217.60</b>
	<b>12X4</b>	2929-66432 <b>356.84</b>	3029-66432 <b>372.18</b>	3329-66432P <b>521.82</b>
	<b>12X6</b>	2929-66632 <b>327.18</b>	3029-66632 <b>348.62</b>	3329-66632P <b>502.65</b>
	<b>12X8</b>	2929-66832 <b>228.00</b>	3029-66832 <b>263.40</b>	3329-66832P <b>439.90</b>
	<b>12X10</b>	2929-67032 <b>218.02</b>	300-101392 <b>241.30</b>	3329-67032P <b>307.76</b>
	<b>15X4</b>	2929-72432 <b>769.37</b>	3029-72432 <b>823.24</b>	3329-72432P <b>1037.98</b>
	<b>15X6</b>	2929-72632 <b>727.36</b>	3029-72632 <b>778.30</b>	3329-72632P <b>846.87</b>
	<b>15X8</b>	2929-72832 <b>682.62</b>	3029-72832 <b>737.23</b>	3329-72832P <b>782.70</b>
	<b>15X10</b>	2929-73032 <b>470.84</b>	3029-73032 <b>589.56</b>	3329-73032P <b>683.68</b>
	<b>15X12</b>	2929-73232 <b>320.15</b>	300-101397 <b>373.00</b>	3329-73232P <b>529.15</b>
	<b>18X4</b>	2929-78432 <b>1592.76</b>	3029-78432 <b>1681.23</b>	3329-78432P <b>1780.63</b>
	<b>18X6</b>	2929-78632 <b>1559.28</b>	3029-78632 <b>1645.04</b>	3329-78632P <b>1743.57</b>
	<b>18X8</b>	2929-78832 <b>1437.30</b>	3029-78832 <b>1523.65</b>	3329-78832P <b>1630.33</b>
	<b>18X10</b>	2929-79032 <b>924.78</b>	3029-79032 <b>997.37</b>	3329-79032P <b>1127.10</b>

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Spigot x Gasket) (continued)**

	<b>18X12</b>	2929-79232 <b>906.81</b>	3029-79232 <b>936.85</b>	3329-79232P <b>1062.20</b>
	<b>18X15</b>	2929-79532 <b>627.70</b>	300-101403 <b>721.49</b>	3329-79532P <b>810.12</b>
	<b>21X6</b>	2929-84632 <b>1821.78</b>	3029-84632 <b>1931.15</b>	3329-84632P <b>2056.61</b>
	<b>21X8</b>	2929-84832 <b>1581.26</b>	3029-84832 <b>1596.47</b>	3329-84832P <b>1684.56</b>
	<b>21X10</b>	2929-85032 <b>1385.81</b>	3029-85032 <b>1487.30</b>	3329-85032P <b>1537.71</b>
	<b>21X12</b>	2929-85232 <b>1309.85</b>	3029-85232 <b>1362.11</b>	3329-85232P <b>1442.73</b>
	<b>21X15</b>	2929-85532 <b>1248.66</b>	3029-85532 <b>1323.31</b>	3329-85532P <b>1405.88</b>
	<b>21X18</b>	2929-85832 <b>964.50</b>	300-101417 <b>1087.48</b>	3329-85832P <b>1262.36</b>
	<b>24X6</b>	2929-90632 <b>3016.48</b>	3029-90632 <b>3216.93</b>	3329-90632P <b>3506.02</b>
	<b>24X8</b>	2929-90832 <b>2861.93</b>	3029-90832 <b>3001.24</b>	3329-90832P <b>3165.32</b>
	<b>24X10</b>	2929-91032 <b>2724.31</b>	3029-91032 <b>2870.78</b>	3329-91032P <b>3083.38</b>
	<b>24X12</b>	2929-91232 <b>2384.79</b>	3029-91232 <b>2526.03</b>	3329-91232P <b>2698.78</b>
	<b>24X15</b>	2929-91532 <b>1735.09</b>	3029-91532 <b>1875.17</b>	3329-91532P <b>2452.49</b>
	<b>24X18</b>	2929-91832 <b>1646.13</b>	3029-91832 <b>1848.28</b>	3329-91832P <b>2333.72</b>
	<b>24X21</b>	2929-92132 <b>1501.16</b>	3029-92132 <b>1807.84</b>	3329-92132P <b>2010.61</b>
	<b>27X6</b>	2929-93632 <b>3922.06</b>	3029-93632 <b>4187.23</b>	3329-93632P <b>4521.37</b>
	<b>27X8</b>	2929-93832 <b>3647.90</b>	3029-93832 <b>3959.07</b>	3329-93832P <b>4222.95</b>
	<b>27X10</b>	2929-94032 <b>3420.19</b>	3029-94032 <b>3654.71</b>	3329-94032P <b>3894.56</b>
	<b>27X12</b>	2929-94232 <b>3211.34</b>	3029-94232 <b>3405.66</b>	3329-94232P <b>3677.28</b>
	<b>27X15</b>	2929-94532 <b>2530.38</b>	3029-94532 <b>2703.62</b>	3329-94532P <b>3210.50</b>
	<b>27X18</b>	2929-94832 <b>2367.24</b>	3029-94832 <b>2538.57</b>	3329-94832P <b>3106.20</b>
	<b>27X21</b>	2929-95132 <b>2093.52</b>	3029-95132 <b>2356.79</b>	3329-95132P <b>2878.98</b>
	<b>27X24</b>	2929-95432 <b>2097.91</b>	3029-95432 <b>2512.72</b>	3329-95432P <b>3030.15</b>

**Reducer Coupling (Gasketed)**

	<b>6X4</b>	2929-5322 <b>96.12</b>	300-101456 <b>114.19</b>	3329-5322P <b>145.18</b>
	<b>8X4</b>	2929-5822 <b>215.33</b>	3029-5822 <b>230.79</b>	3329-5822P <b>268.49</b>
	<b>8X6</b>	2929-5852 <b>121.57</b>	300-101458 <b>150.33</b>	3329-5852P <b>186.86</b>
	<b>10X4</b>	2929-6242 <b>314.73</b>	3029-6242 <b>343.07</b>	3329-6242P <b>375.73</b>
	<b>10X6</b>	2929-6262 <b>245.01</b>	3029-6262 <b>268.77</b>	3329-6262P <b>306.78</b>
	<b>10X8</b>	2929-6282 <b>213.30</b>	300-101461 <b>241.30</b>	3329-6282P <b>301.60</b>
	<b>12X4</b>	2929-6642 <b>424.64</b>	3029-6642 <b>443.09</b>	3329-6642P <b>620.97</b>
	<b>12X6</b>	2929-6662 <b>389.35</b>	3029-6662 <b>414.86</b>	3329-6662P <b>598.16</b>
	<b>12X8</b>	2929-6682 <b>317.32</b>	3029-6682 <b>370.38</b>	3329-6682P <b>523.48</b>
	<b>12X10</b>	2929-6702 <b>286.54</b>	300-101465 <b>331.03</b>	3329-6702P <b>417.00</b>
	<b>15X4</b>	2929-7242 <b>916.69</b>	3029-7242 <b>979.78</b>	3329-7242P <b>1235.26</b>
	<b>15X6</b>	2929-7262 <b>865.56</b>	3029-7262 <b>926.17</b>	3329-7262P <b>1008.72</b>
	<b>15X8</b>	2929-7282 <b>812.31</b>	3029-7282 <b>877.31</b>	3329-7282P <b>931.41</b>



**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Gasketed) (continued)**

	<b>15X12</b>	2929-7322 <b>422.71</b>	300-101470 <b>481.37</b>	3329-7322P <b>601.43</b>
	<b>18X4</b>	2929-7842 <b>1894.89</b>	3029-7842 <b>2000.64</b>	3329-7842P <b>2118.46</b>
	<b>18X6</b>	2929-7862 <b>1855.54</b>	3029-7862 <b>1957.61</b>	3329-7862P <b>2074.85</b>
	<b>18X8</b>	2929-7882 <b>1710.39</b>	3029-7882 <b>1813.15</b>	3329-7882P <b>1940.12</b>
	<b>18X10</b>	2929-7902 <b>1100.48</b>	3029-7902 <b>1186.87</b>	3329-7902P <b>1341.24</b>
	<b>18X12</b>	2929-7922 <b>1079.06</b>	3029-7922 <b>1114.85</b>	3329-7922P <b>1264.61</b>
	<b>18X15</b>	2929-7952 <b>755.21</b>	300-101476 <b>841.53</b>	3329-7952P <b>961.59</b>
	<b>21X6</b>	2929-8462 <b>2167.88</b>	3029-8462 <b>2298.06</b>	3329-8462P <b>2447.36</b>
	<b>21X8</b>	2929-8482 <b>1881.70</b>	3029-8482 <b>1898.94</b>	3329-8482P <b>2003.98</b>
	<b>21X10</b>	2929-8502 <b>1649.12</b>	3029-8502 <b>1769.65</b>	3329-8502P <b>1830.26</b>
	<b>21X12</b>	2929-8522 <b>1558.73</b>	3029-8522 <b>1620.91</b>	3329-8522P <b>1717.13</b>
	<b>21X15</b>	2929-8552 <b>1485.48</b>	3029-8552 <b>1574.36</b>	3329-8552P <b>1672.68</b>
	<b>21X18</b>	2929-8582 <b>1236.34</b>	300-101489 <b>1322.97</b>	3329-8582P <b>1472.16</b>
	<b>24X6</b>	2929-9062 <b>3589.13</b>	3029-9062 <b>3828.85</b>	3329-9062P <b>4170.93</b>
	<b>24X8</b>	2929-9082 <b>3405.97</b>	3029-9082 <b>3571.48</b>	3329-9082P <b>3766.73</b>
	<b>24X10</b>	2929-9102 <b>3241.66</b>	3029-9102 <b>3415.39</b>	3329-9102P <b>3668.59</b>
	<b>24X12</b>	2929-9122 <b>2837.63</b>	3029-9122 <b>3005.98</b>	3329-9122P <b>3212.03</b>
	<b>24X15</b>	2929-9152 <b>2064.59</b>	3029-9152 <b>2231.45</b>	3329-9152P <b>2918.44</b>
	<b>24X18</b>	2929-9182 <b>2015.91</b>	3029-9182 <b>2199.27</b>	3329-9182P <b>2777.02</b>
	<b>24X21</b>	2929-9212 <b>1992.23</b>	3029-9212 <b>2175.01</b>	3329-9212P <b>2757.57</b>
	<b>27X6</b>	2929-9362 <b>4667.88</b>	3029-9362 <b>4942.62</b>	3329-9362P <b>5380.32</b>
	<b>27X8</b>	2929-9382 <b>4341.97</b>	3029-9382 <b>4710.98</b>	3329-9382P <b>5024.78</b>
	<b>27X10</b>	2929-9402 <b>4069.91</b>	3029-9402 <b>4348.70</b>	3329-9402P <b>4634.21</b>
	<b>27X12</b>	2929-9422 <b>3820.73</b>	3029-9422 <b>4052.41</b>	3329-9422P <b>4375.64</b>
	<b>27X15</b>	2929-9452 <b>3011.36</b>	3029-9452 <b>3216.07</b>	3329-9452P <b>3819.43</b>
	<b>27X18</b>	2929-9482 <b>2816.09</b>	3029-9482 <b>3020.79</b>	3329-9482P <b>3695.52</b>
	<b>27X21</b>	2929-9512 <b>2604.68</b>	3029-9512 <b>2916.77</b>	3329-9512P <b>3644.34</b>
	<b>27X24</b>	2929-9542 <b>2512.70</b>	3029-9542 <b>2788.60</b>	3329-9542P <b>3553.91</b>

**PIP X IPS Reducer (Socket)**

	<b>6X4</b>	2929-532 <b>34.43</b>	---	---
	<b>8X6</b>	---	300-101537 <b>45.43</b>	---
	<b>10X6</b>	---	3029-626PXI <b>140.00</b>	---
	<b>10X8</b>	---	300-101538 <b>103.31</b>	---
	<b>12X10</b>	---	300-101539 <b>124.68</b>	---
	<b>15X10</b>	---	300-101541 <b>314.70</b>	---
	<b>15X12</b>	---	300-101540 <b>214.46</b>	---

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**IPS X PIP Adapter (Socket)**

	<b>6</b>	---	300-101649 <b>37.27</b>	---
	<b>8</b>	---	300-101650 <b>53.57</b>	---
	<b>10</b>	---	300-101651 <b>89.76</b>	---
	<b>12</b>	---	300-101652 <b>139.82</b>	---

**IPS X PIP Adapter (Gasketed)**

	<b>6</b>	---	300-101747 <b>90.88</b>	---
	<b>8</b>	---	300-101748 <b>148.34</b>	---
	<b>10</b>	---	300-101749 <b>213.35</b>	---
	<b>12</b>	---	300-101750 <b>300.71</b>	---

**Cross (Socket)**

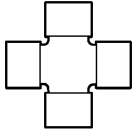
	<b>6</b>	290-103286 <b>96.73</b>	300-103286 <b>134.04</b>	3320-060P <b>166.80</b>
	<b>6X2</b>	290-103283 <b>73.41</b>	300-103283 <b>85.07</b>	3320-528P <b>103.82</b>
	<b>6X3</b>	290-103284 <b>80.43</b>	300-103284 <b>95.56</b>	3320-530P <b>112.12</b>
	<b>6X4</b>	290-103285 <b>87.40</b>	300-103285 <b>102.54</b>	3320-532P <b>117.81</b>
	<b>8</b>	290-103291 <b>164.32</b>	300-103291 <b>195.81</b>	3320-080P <b>241.43</b>
	<b>8X2</b>	290-103287 <b>90.88</b>	300-103287 <b>109.52</b>	3320-578P <b>125.93</b>
	<b>8X3</b>	290-103288 <b>99.03</b>	300-103288 <b>120.03</b>	3320-580P <b>141.15</b>
	<b>8X4</b>	290-103289 <b>106.05</b>	300-103289 <b>128.20</b>	3320-582P <b>159.71</b>
	<b>8X6</b>	290-103290 <b>123.54</b>	300-103290 <b>148.04</b>	3320-585P <b>183.07</b>
	<b>10</b>	290-103297 <b>278.55</b>	300-103297 <b>336.85</b>	3320-100P <b>391.39</b>
	<b>10X2</b>	290-103292 <b>139.82</b>	300-103292 <b>145.69</b>	3320-621P <b>163.29</b>
	<b>10X3</b>	290-103293 <b>150.33</b>	300-103293 <b>170.11</b>	3320-623P <b>184.80</b>
	<b>10X4</b>	290-103294 <b>167.86</b>	300-103294 <b>181.80</b>	3320-624P <b>224.59</b>
	<b>10X6</b>	290-103295 <b>189.97</b>	300-103295 <b>203.95</b>	3320-626P <b>251.67</b>
	<b>10X8</b>	290-103296 <b>222.59</b>	300-103296 <b>248.23</b>	3320-628P <b>307.57</b>
	<b>12</b>	290-103304 <b>432.40</b>	300-103304 <b>509.36</b>	3320-120P <b>628.94</b>
	<b>12X2</b>	290-103298 <b>209.81</b>	300-103298 <b>214.46</b>	3320-661P <b>271.68</b>
	<b>12X3</b>	290-103299 <b>231.93</b>	300-103299 <b>234.29</b>	3320-663P <b>295.91</b>
	<b>12X4</b>	290-103300 <b>236.60</b>	300-103300 <b>256.43</b>	3320-664P <b>316.99</b>
	<b>12X6</b>	290-103301 <b>254.07</b>	300-103301 <b>282.07</b>	3320-666P <b>349.51</b>
	<b>12X8</b>	290-103302 <b>296.03</b>	300-103302 <b>328.69</b>	3320-668P <b>359.94</b>
	<b>12X10</b>	290-103303 <b>348.48</b>	300-103303 <b>396.29</b>	3320-670P <b>489.06</b>
	<b>15</b>	290-103321 <b>723.82</b>	300-103321 <b>877.67</b>	3320-150P <b>1118.98</b>
	<b>15X2</b>	290-103313 <b>296.03</b>	300-103313 <b>334.50</b>	3320-721P <b>390.46</b>
	<b>15X3</b>	290-103314 <b>300.71</b>	300-103314 <b>354.35</b>	3320-723P <b>426.60</b>
	<b>15X4</b>	290-103315 <b>314.70</b>	300-103315 <b>362.51</b>	3320-724P <b>442.89</b>
	<b>15X6</b>	290-103316 <b>346.16</b>	300-103316 <b>400.95</b>	3320-726P <b>459.23</b>
	<b>15X8</b>	290-103317 <b>409.16</b>	300-103317 <b>459.23</b>	3320-728P <b>627.09</b>



**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

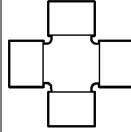
Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Cross (Socket) (continued)**

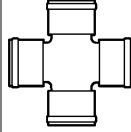
	<b>15X10</b>	290-103318 473.21	300-103318 571.10	3320-730P 759.95
	<b>15X12</b>	290-103319 557.15	300-103319 667.88	3320-732P 868.31
		<b>18</b>	290-103342 1253.02	300-103342 1419.71
	<b>18X2</b>	290-103332 442.89	300-103332 518.67	3320-781P 676.00
	<b>18X3</b>	290-103333 454.57	300-103333 543.16	3320-783P 713.34
	<b>18X4</b>	290-103334 470.90	300-103334 554.80	3320-784P 757.59
	<b>18X6</b>	290-103335 504.67	300-103335 599.10	3320-786P 835.70
	<b>18X8</b>	290-103336 559.46	300-103336 655.06	3320-788P 946.44
	<b>18X10</b>	290-103337 617.74	300-103337 709.81	3320-790P 1086.33
	<b>18X12</b>	290-103338 721.49	300-103338 877.67	3320-792P 1230.87
	<b>18X15</b>	290-103340 874.19	300-103340 1141.14	3320-795P 1461.67
	<b>21</b>	290-103367 1849.83	300-103367 2338.17	3320-210P 2783.47
	<b>21X2</b>	290-103355 676.00	300-103355 862.52	3320-841P 885.84
	<b>21X3</b>	290-103356 705.17	300-103356 909.14	3320-843P 1002.41
	<b>21X4</b>	290-103357 745.96	300-103357 946.44	3320-844P 1118.98
	<b>21X6</b>	290-103358 793.72	300-103358 1002.41	3320-846P 1208.68
	<b>21X8</b>	290-103359 857.86	300-103359 1086.33	3320-848P 1335.78
	<b>21X10</b>	290-103360 927.78	300-103360 1197.05	3320-850P 1475.65
	<b>21X12</b>	290-103361 1038.54	300-103361 1335.78	3320-852P 1642.34
	<b>21X15</b>	290-103363 1191.23	300-103363 1558.40	3320-855P 1892.93
	<b>21X18</b>	290-103365 1427.84	300-103365 1864.96	3320-858P 2310.22
	<b>24</b>	290-103381 2644.73	300-103381 3116.81	3320-240P 4285.96
	<b>24X2</b>	290-103368 932.46	300-103368 1118.98	3320-901P 1165.59
	<b>24X3</b>	290-103369 979.06	300-103369 1165.59	3320-903P 1218.05
	<b>24X4</b>	290-103370 1038.54	300-103370 1225.05	3320-904P 1280.97
	<b>24X6</b>	290-103371 1127.11	300-103371 1305.45	3320-906P 1363.76
	<b>24X8</b>	290-103372 1197.05	300-103372 1419.71	3320-908P 1503.61
	<b>24X10</b>	290-103373 1280.97	300-103373 1531.60	3320-910P 1670.29
	<b>24X12</b>	290-103374 1391.68	300-103374 1698.29	3320-912P 1837.01
	<b>24X15</b>	290-103376 1670.29	300-103376 1920.90	3320-915P 2087.60
<b>24X18</b>	290-103378 1892.93	300-103378 2226.30	3320-918P 2504.89	
<b>24X21</b>	290-103380 2254.27	300-103380 2644.73	3320-921P 3034.05	
<b>27</b>	2920-270 4004.27	3020-270 4718.72	3320-270P 6133.22	
<b>27X4</b>	2920-934 1184.29	3020-934 1483.40	3320-934P 1927.91	
<b>27X6</b>	2920-936 1366.87	3020-936 1583.36	3320-936P 2059.77	
<b>27X8</b>	2920-938 1451.22	3020-938 1721.11	3320-938P 2238.15	
<b>27X10</b>	2920-940 1551.16	3020-940 1855.56	3320-940P 2412.86	

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Cross (Socket) (continued)**

	<b>27X12</b>	2920-942 1685.45	3020-942 2057.49	3320-942P 2674.35
	<b>27X15</b>	2920-945 2022.89	3020-945 2327.28	3320-945P 3025.16
		<b>27X18</b>	2920-948 2291.73	3020-948 2697.05
	<b>27X21</b>	2920-951 2731.43	3020-951 3203.37	3320-951P 4166.17
	<b>27X24</b>	2920-954 3203.33	3020-954 3775.05	3320-954P 4906.38

**Cross (Gasketed)**

	<b>6</b>	290-104001 233.05	300-104001 240.06	3320-0602P 288.07
	<b>6X4</b>	290-104000 215.95	300-104000 221.47	3320-5322P 247.78
		<b>8</b>	290-104006 326.35	300-104006 346.16
	<b>8X4</b>	290-104004 259.78	300-104004 268.04	3320-0802P 335.24
	<b>8X6</b>	290-104005 295.68	300-104005 303.04	3320-5852P 360.66
	<b>10</b>	290-104012 484.86	300-104012 487.20	3320-1002P 574.03
	<b>10X4</b>	290-104009 345.86	300-104009 349.67	3320-6242P 412.26
	<b>10X6</b>	290-104010 378.78	300-104010 390.46	3320-6262P 435.39
	<b>10X8</b>	290-104011 406.22	300-104011 437.10	3320-6282P 489.26
	<b>12</b>	290-104019 695.88	300-104019 723.82	3320-1202P 870.60
	<b>12X4</b>	290-104015 419.61	300-104015 448.76	3320-6642P 570.64
	<b>12X6</b>	290-104016 454.57	300-104016 489.51	3320-6662P 607.72
	<b>12X8</b>	290-104017 512.86	300-104017 559.46	3320-6682P 623.77
	<b>12X10</b>	290-104018 594.43	300-104018 629.45	3320-6702P 738.48
	<b>15</b>	290-104036 1086.33	300-104036 1253.02	3320-1502P 1573.54
	<b>15X4</b>	290-104030 629.45	300-104030 792.60	3320-7242P 842.13
	<b>15X6</b>	290-104031 676.00	300-104031 845.04	3320-7262P 877.02
	<b>15X8</b>	290-104032 757.59	300-104032 903.32	3320-7282P 932.46
	<b>15X10</b>	290-104033 874.19	300-104033 990.76	3320-7302P 1049.05
	<b>15X12</b>	290-104034 929.02	300-104034 1107.32	3320-7322P 1253.02
	<b>18</b>	290-104057 1670.29	300-104057 1892.93	3320-1802P 2389.50
	<b>18X4</b>	290-104049 932.46	300-104049 1049.05	3320-7842P 1072.32
	<b>18X6</b>	290-104050 1014.05	300-104050 1165.59	3320-7862P 1218.33
	<b>18X8</b>	290-104051 1142.28	300-104051 1282.15	3320-7882P 1300.54
	<b>18X10</b>	290-104052 1223.87	300-104052 1398.74	3320-7902P 1448.55
	<b>18X12</b>	290-104053 1340.46	300-104053 1515.26	3320-7922P 1585.26
	<b>18X15</b>	2920-7952 1533.51	3020-7952 1723.94	3320-7952P 2036.37
		<b>21</b>	290-104082 2764.84	300-104082 3681.66
	<b>21X4</b>	290-104072 1491.97	300-104072 2524.29	3320-8442P 2989.80
	<b>21X6</b>	290-104073 1596.84	300-104073 2622.35	3320-8462P 3052.09
<b>21X8</b>	290-104074 1748.38	300-104074 2735.76	3320-8482P 3189.13	

**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Cross (Gasketed) (continued)**

	<b>21X10</b>	290-104075 <b>1923.24</b>	300-104075 <b>2893.40</b>	3320-8502P <b>3263.85</b>
		290-104076 <b>2156.38</b>	300-104076 <b>3051.60</b>	3320-8522P <b>3413.35</b>
	<b>21X12</b>	290-104078 <b>2389.50</b>	300-104078 <b>3191.38</b>	3320-8552P <b>3434.35</b>
	<b>21X15</b>	290-104078 <b>2389.50</b>	300-104078 <b>3191.38</b>	3320-8552P <b>3434.35</b>
	<b>21X18</b>	290-104080 <b>2564.33</b>	300-104080 <b>3524.01</b>	3320-8582P <b>3614.05</b>
	<b>24</b>	2920-2402 <b>5240.84</b>	3020-2402 <b>6265.36</b>	3320-2402P <b>7811.28</b>
	<b>24X4</b>	2920-9042 <b>2733.85</b>	3020-9042 <b>3039.53</b>	3320-9042P <b>3798.82</b>
	<b>24X6</b>	2920-9062 <b>2745.39</b>	3020-9062 <b>3068.87</b>	3320-9062P <b>3813.53</b>
	<b>24X8</b>	2920-9082 <b>2964.55</b>	3020-9082 <b>3295.20</b>	3320-9082P <b>4118.06</b>
	<b>24X10</b>	2920-9102 <b>3208.65</b>	3020-9102 <b>3564.38</b>	3320-9102P <b>4454.43</b>
	<b>24X12</b>	2920-9122 <b>3452.88</b>	3020-9122 <b>3835.47</b>	3320-9122P <b>4793.04</b>
	<b>24X15</b>	2920-9152 <b>4000.81</b>	3020-9152 <b>4444.88</b>	3320-9152P <b>5556.29</b>
	<b>24X18</b>	2920-9182 <b>4419.96</b>	3020-9182 <b>4910.15</b>	3320-9182P <b>6138.67</b>
	<b>24X21</b>	2920-9212 <b>5083.18</b>	3020-9212 <b>5648.41</b>	3320-9212P <b>7059.55</b>
	<b>27</b>	2920-2702 <b>7290.19</b>	3020-2702 <b>10477.82</b>	3320-2702P <b>13063.63</b>
	<b>27X4</b>	2920-9342 <b>3213.18</b>	3020-9342 <b>3800.85</b>	3320-9342P <b>4748.65</b>
	<b>27X6</b>	2920-9362 <b>3449.04</b>	3020-9362 <b>3815.71</b>	3320-9362P <b>4818.23</b>
	<b>27X8</b>	2920-9382 <b>3697.04</b>	3020-9382 <b>4119.97</b>	3320-9382P <b>5150.30</b>
	<b>27X10</b>	2920-9402 <b>4010.43</b>	3020-9402 <b>4454.53</b>	3320-9402P <b>5569.62</b>
	<b>27X12</b>	2920-9422 <b>4316.11</b>	3020-9422 <b>4796.73</b>	3320-9422P <b>5994.62</b>
	<b>27X15</b>	2920-9452 <b>5000.52</b>	3020-9452 <b>5556.13</b>	3320-9452P <b>6946.14</b>
	<b>27X18</b>	2920-9482 <b>5525.36</b>	3020-9482 <b>6138.67</b>	3320-9482P <b>7672.06</b>
	<b>27X21</b>	2920-9512 <b>6353.97</b>	3020-9512 <b>7059.55</b>	3320-9512P <b>8826.35</b>
	<b>27X24</b>	2920-9542 <b>6878.90</b>	3020-9542 <b>7811.43</b>	3320-9542P <b>9764.55</b>

**PIP X IPS Cross (Socket)**

	<b>6</b>	2920-060PXI <b>96.73</b>	3020-060PXI <b>134.04</b>	3320-060PXI <b>166.80</b>
	<b>8</b>	2920-080PXI <b>164.32</b>	3020-080PXI <b>195.81</b>	3320-080PXI <b>241.43</b>
	<b>8X6</b>	2920-585PXI <b>116.13</b>	3020-585PXI <b>148.04</b>	3320-585PXI <b>183.07</b>
	<b>10</b>	2920-100PXI <b>278.55</b>	3020-100PXI <b>336.85</b>	3320-100PXI <b>391.39</b>
	<b>10X6</b>	2920-626PXI <b>178.57</b>	300-103700 <b>203.95</b>	3320-626PXI <b>236.57</b>
	<b>10X8</b>	2920-628PXI <b>209.23</b>	3020-628PXI <b>277.24</b>	3320-628PXI <b>289.12</b>
	<b>12</b>	2920-120PXI <b>432.40</b>	3020-120PXI <b>509.36</b>	3320-120PXI <b>628.94</b>
	<b>12X6</b>	2920-666PXI <b>254.07</b>	3020-666PXI <b>282.07</b>	3320-666PXI <b>328.54</b>
	<b>12X8</b>	2920-668PXI <b>296.03</b>	3020-668PXI <b>328.69</b>	3320-668PXI <b>692.96</b>
	<b>12X10</b>	2920-670PXI <b>327.57</b>	3020-670PXI <b>396.29</b>	3320-670PXI <b>459.72</b>
	<b>15X6</b>	2920-726PXI <b>325.39</b>	3020-726PXI <b>400.95</b>	3320-726PXI <b>431.68</b>
	<b>15X8</b>	2920-728PXI <b>384.61</b>	3020-728PXI <b>459.23</b>	3320-728PXI <b>589.46</b>
	<b>15X10</b>	2920-730PXI <b>444.82</b>	3020-730PXI <b>571.10</b>	3320-730PXI <b>714.35</b>

Size	80 PIP	100 PIP	125 PIP
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**PIP X IPS Cross (Socket) (continued)**

	<b>15X12</b>	2920-732PXI <b>523.72</b>	3020-732PXI <b>667.88</b>	3320-732PXI <b>816.21</b>
	<b>18X6</b>	2920-786PXI <b>504.67</b>	3020-786PXI <b>599.10</b>	3320-786PXI <b>835.70</b>
	<b>18X8</b>	2920-788PXI <b>525.89</b>	3020-788PXI <b>655.06</b>	3320-788PXI <b>889.65</b>
	<b>18X10</b>	2920-790PXI <b>617.74</b>	3020-790PXI <b>709.81</b>	3320-790PXI <b>1021.15</b>
	<b>18X12</b>	2920-792PXI <b>721.49</b>	3020-792PXI <b>877.67</b>	3320-792PXI <b>1157.02</b>
	<b>21X6</b>	2920-846PXI <b>831.45</b>	3020-846PXI <b>1002.41</b>	3320-846PXI <b>1136.16</b>
	<b>21X8</b>	2920-848PXI <b>857.86</b>	3020-848PXI <b>1086.33</b>	3320-848PXI <b>1255.63</b>
	<b>21X10</b>	2920-850PXI <b>927.78</b>	3020-850PXI <b>1197.05</b>	3320-850PXI <b>1387.11</b>
	<b>21X12</b>	2920-852PXI <b>976.23</b>	3020-852PXI <b>1335.78</b>	3320-852PXI <b>1543.80</b>
	<b>24X6</b>	2920-906PXI <b>1127.11</b>	3020-906PXI <b>1305.45</b>	3320-906PXI <b>1281.93</b>
	<b>24X8</b>	2920-908PXI <b>1197.05</b>	3020-908PXI <b>1419.71</b>	3320-908PXI <b>1413.39</b>
	<b>24X10</b>	2920-910PXI <b>1280.97</b>	3020-910PXI <b>1531.60</b>	3320-910PXI <b>1570.07</b>
	<b>24X12</b>	2920-912PXI <b>1391.68</b>	3020-912PXI <b>1698.29</b>	3320-912PXI <b>1726.79</b>

**Wyes (Socket)**

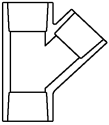
	<b>6</b>	2975-060 <b>184.03</b>	---	---
	<b>6X4</b>	2975-532 <b>103.52</b>	---	---
	<b>8</b>	2975-080 <b>195.36</b>	---	---
	<b>8X4</b>	2975-582 <b>169.56</b>	---	---
	<b>8X6</b>	2975-585 <b>276.30</b>	---	---
	<b>10</b>	2975-100 <b>307.63</b>	---	---
	<b>10X4</b>	2975-624 <b>188.44</b>	---	---
	<b>10X6</b>	2975-626 <b>198.20</b>	---	---
	<b>10X8</b>	2975-628 <b>253.44</b>	---	---
	<b>12</b>	2975-120 <b>440.37</b>	---	---
	<b>12X4</b>	2975-664 <b>223.53</b>	---	---
	<b>12X6</b>	2975-666 <b>244.45</b>	---	---
	<b>12X8</b>	2975-668 <b>276.22</b>	---	---
	<b>12X10</b>	2975-670 <b>294.78</b>	---	---
	<b>15</b>	2975-150 <b>882.22</b>	---	---
	<b>15X4</b>	2975-724 <b>354.55</b>	---	---
	<b>15X6</b>	2975-726 <b>379.45</b>	---	---
	<b>15X8</b>	2975-728 <b>459.03</b>	---	---
	<b>15X10</b>	2975-730 <b>493.07</b>	---	---
	<b>15X12</b>	2975-732 <b>681.62</b>	---	---
<b>18</b>	2975-187 <b>1288.59</b>	---	---	
<b>18X4</b>	2975-784 <b>556.68</b>	---	---	
<b>18X6</b>	2975-786 <b>590.21</b>	---	---	




**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI Disc Code: 310 Part Number Price Each	100 PSI Disc Code: 320 Part Number Price Each	125 PSI Disc Code: 330 Part Number Price Each
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**Wyes (Socket) (continued)**


Size	80 PSI Disc Code: 310 Part Number Price Each	100 PSI Disc Code: 320 Part Number Price Each	125 PSI Disc Code: 330 Part Number Price Each
	18X8	2975-788 651.72	---
	18X10	2975-790 679.77	---
	18X12	2975-792 891.70	---
	18X15	2975-795 1117.79	---

**Surface Reducer (Socket)**


Size	80 PSI Disc Code: 310 Part Number Price Each	100 PSI Disc Code: 320 Part Number Price Each	125 PSI Disc Code: 330 Part Number Price Each
	6X2	---	300-102013 46.60
	6X3	---	300-102015 46.60
	8X2	---	300-102018 87.40
	8X3	---	300-102020 87.40
	8X4	---	300-102021 87.40
	10X2	---	300-102024 110.76
	10X3	---	300-102026 110.76
	10X4	---	300-102027 110.76
	10X6	---	300-102028 110.76
	12X2	---	300-102031 163.16
	12X3	---	300-102033 163.16
	12X4	---	300-102034 163.16
	12X6	---	300-102035 163.16
	12X8	---	300-102036 163.16
	15X2	---	300-102048 297.11
	15X3	---	300-102050 297.11
	15X4	---	300-102051 297.11
	15X6	---	300-102052 297.11
	15X8	---	300-102053 297.11
	15X10	---	300-102054 297.11
	18X2	---	300-102067 448.76
	18X3	---	300-102069 448.76
	18X4	---	300-102070 448.76
	18X6	---	300-102071 448.76
	18X8	---	300-102072 448.76
	18X10	---	300-102073 448.76
	18X12	---	300-102074 448.76
	21X2	---	300-102088 740.17
	21X3	---	300-102089 740.17
	21X4	---	300-102090 740.17
	21X6	---	300-102091 740.17
	21X8	---	300-102092 740.17

Size	80 PSI Disc Code: 310 Part Number Price Each	100 PSI Disc Code: 320 Part Number Price Each	125 PSI Disc Code: 330 Part Number Price Each
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**Surface Reducer (Socket) (continued)**

	21X10	---	300-102093 740.17
	21X12	---	300-102094 740.17
	21X15	---	300-102095 740.17

**Stub Surface Reducer (Socket)**

	6X4	---	30040-532 114.81
	8X4	---	30040-582 131.71
	8X6	---	30040-585 140.62
	10X4	---	30040-624 149.63
	10X6	---	30040-626 158.04
	10X8	---	30040-628 166.19
	12X4	---	30040-664 168.44
	12X6	---	30040-666 171.85
	12X8	---	30040-668 198.07
	12X10	---	30040-670 228.15
	15X4	---	30040-724 276.30
	15X6	---	30040-726 289.05
	15X8	---	30040-728 303.26
	15X10	---	30040-730 334.67
	15X12	---	30040-732 345.11
	18X4	---	30040-784 660.44
	18X6	---	30040-786 679.52
	18X8	---	30040-788 694.07
	18X10	---	30040-790 719.56
	18X12	---	30040-792 739.41
	18X15	---	30040-795 847.05
	21X4	---	30040-844 916.59
	21X6	---	30040-846 925.82
	21X8	---	30040-848 951.07
	21X10	---	30040-850 982.48
	21X12	---	30040-852 995.56
	21X15	---	30040-855 1103.56
	21X18	---	30040-858 1218.67
	24X4	---	30040-904 1034.85
	24X6	---	30040-906 1041.93
	24X8	---	30040-908 1068.30
	24X10	---	30040-910 1099.70

**Turf & Irrigation  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Stub Surface Reducer (Socket) (continued)**

	24X15	---	30040-915 <b>1221.73</b>	---
	24X18	---	30040-918 <b>1336.89</b>	---
	24X21	---	30040-921 <b>1585.78</b>	---

**Cap (Socket)**

	6	---	300-107540 <b>46.60</b>	---
	8	---	300-107541 <b>59.45</b>	---
	10	---	300-107542 <b>95.56</b>	---
	12	---	300-107543 <b>125.86</b>	---
	15	---	300-107545 <b>205.11</b>	---
	18	---	300-107547 <b>400.72</b>	---
	21	---	300-107549 <b>613.07</b>	---
	24	---	300-107550 <b>838.34</b>	---
	27	---	3047-270 <b>1052.01</b>	---

**Saddle (Socket)**

	6X2	---	300-101789 <b>58.26</b>	---
	6X3	---	300-101797 <b>69.93</b>	---
	6X4	---	300-101804 <b>81.56</b>	---
	8X2	---	300-101790 <b>58.26</b>	---
	8X3	---	300-101798 <b>69.93</b>	---
	8X4	---	300-101805 <b>81.56</b>	---
	8X6	---	300-101811 <b>93.23</b>	---
	10X2	---	300-101791 <b>58.26</b>	---
	10X3	---	300-101799 <b>69.93</b>	---
	10X4	---	300-101806 <b>81.56</b>	---
	10X6	---	300-101812 <b>93.23</b>	---
	10X8	---	300-101817 <b>104.89</b>	---
	12X2	---	300-101792 <b>58.26</b>	---
	12X3	---	300-101800 <b>69.93</b>	---
	12X4	---	300-101807 <b>81.56</b>	---
	12X6	---	300-101813 <b>93.23</b>	---
	12X8	---	300-101818 <b>104.89</b>	---
	12X10	---	300-101822 <b>116.52</b>	---
	15X2	---	300-101793 <b>58.26</b>	---
	15X3	---	300-101801 <b>84.18</b>	---
	15X4	---	300-101808 <b>81.56</b>	---
	15X6	---	300-101814 <b>93.23</b>	---
	15X8	---	300-101819 <b>104.89</b>	---

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Saddle (Socket) (continued)**

	15X10	---	300-101823 <b>116.52</b>	---
	15X12	---	300-101826 <b>162.09</b>	---
	18X2	---	300-101794 <b>58.26</b>	---
	18X3	---	300-101802 <b>125.03</b>	---
	18X4	---	300-101809 <b>159.43</b>	---
	18X6	---	300-101815 <b>192.51</b>	---
	18X8	---	300-101820 <b>205.67</b>	---
	18X10	---	300-101824 <b>236.76</b>	---
	18X12	---	300-101827 <b>249.63</b>	---
	18X15	---	300-101829 <b>381.91</b>	---

NOTE: When assembling Spears® Saddles to PVC pipe, Spears® Manufacturing Company recommends Industrial Polychemical Service (IPS) #719 Solvent Cement and #P-68 Primer, or equivalent. Although good connections may be accomplished without Saddle Straps, Spears® Manufacturing Company recommends the use of clamp or strap device during the assembly step to insure good compression between the pipe and fitting surfaces as the solvent cures. PVC Fabricated Saddle connections are designed for use in low pressure open ended systems and are not intended for use in high pressure applications. For further details, contact Spears® Technical Services Department.

**Stub Saddle (Socket)**

	6X2	---	300-101884 <b>81.56</b>	---
	6X3	---	300-101892 <b>89.76</b>	---
	6X4	---	300-101899 <b>103.70</b>	---
	8X2	---	300-101885 <b>81.56</b>	---
	8X3	---	300-101893 <b>89.76</b>	---
	8X4	---	300-101900 <b>103.70</b>	---
	8X6	---	300-101906 <b>128.20</b>	---
	10X2	---	300-101886 <b>81.56</b>	---
	10X3	---	300-101894 <b>89.76</b>	---
	10X4	---	300-101901 <b>103.70</b>	---
	10X6	---	300-101907 <b>128.20</b>	---
	10X8	---	300-101912 <b>167.86</b>	---
	12X2	---	300-101887 <b>81.56</b>	---
	12X3	---	300-101895 <b>89.76</b>	---
	12X4	---	300-101902 <b>103.70</b>	---
	12X6	---	300-101908 <b>128.20</b>	---
	12X8	---	300-101913 <b>167.86</b>	---
	12X10	---	300-101917 <b>181.80</b>	---
	15X2	---	300-101888 <b>117.71</b>	---
	15X3	---	300-101896 <b>130.50</b>	---
	15X4	---	300-101903 <b>136.37</b>	---
	15X6	---	300-101909 <b>141.01</b>	---

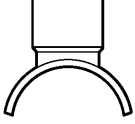


**Turf & Irrigation**  
**PVC 80, 100 & 125 PSI PIP Fabricated Fittings & Pipe Flanges**

**Glue-on Saddles**

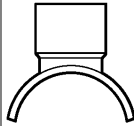
Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Stub Saddle (Socket) (continued)**

	15X8	---	300-101914 <b>167.86</b>	---
	15X10	---	300-101918 <b>193.46</b>	---
	15X12	---	300-101921 <b>255.24</b>	---
	18X2	---	300-101889 <b>192.30</b>	---
	18X3	---	300-101897 <b>196.97</b>	---
	18X4	---	300-101904 <b>237.74</b>	---
	18X6	---	300-101910 <b>303.04</b>	---
	18X8	---	300-101915 <b>324.03</b>	---
	18X10	---	300-101919 <b>373.00</b>	---

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Stub Saddle (Socket) (continued)**

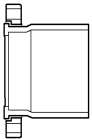
	18X12	---	300-101922 <b>430.13</b>	---
	18X15	---	300-101924 <b>601.43</b>	---

NOTE: When assembling Spears® Saddles to PVC pipe, Spears® Manufacturing Company recommends Industrial Polychemical Service (IPS) #719 Solvent Cement and #P-68 Primer, or equivalent. Although good connections may be accomplished without Saddle Straps, Spears® Manufacturing Company recommends the use of clamp or strap device during the assembly step to insure good compression between the pipe and fitting surfaces as the solvent cures. PVC Fabricated Saddle connections are designed for use in low pressure open ended systems and are not intended for use in high pressure applications. For further details, contact Spears® Technical Services Department.

**Pipe Flanges**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Flange x PIP (Socket)**

	6X6.140	---	---	354-060F <b>126.99</b>
	8X8.160	---	---	354-080F <b>192.30</b>
	10X10.200	---	---	354-100F <b>270.38</b>
	12X12.240	---	---	354-120F <b>391.60</b>
	14X15.300	---	---	354-150F <b>1043.82</b>
	16X15.300	---	---	354-151F <b>1190.79</b>
	18X18.360	---	354-182F <b>1809.00</b>	---
	18X18.701	---	354-181F <b>1809.00</b>	---
	20X22.047	---	354-201F <b>2755.48</b>	---
	24X24.803	---	354-241F <b>4035.33</b>	---

PIP = Plastic Irrigation Pipe (PIP dimensions are NOT the same as IPS dimensions.)  
 Sizes 6" through 16" are furnished with Plastic Ring.  
 Sizes 18" Through 24" are furnished with Steel Ring.

**Turf & Irrigation  
PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Tee (Gasket x Spigot x Fipt)**

	4X1-1/2	---	---	---	340-102356 <b>180.02</b>	350-102356 <b>209.83</b>
	4X2	---	---	---	340-102357 <b>180.02</b>	350-102357 <b>209.83</b>
	4X2-1/2	---	---	---	340-102358 <b>192.20</b>	350-102358 <b>223.09</b>
	4X3	---	---	---	340-102359 <b>192.20</b>	---
	6X1-1/2	---	---	---	340-102361 <b>261.80</b>	350-102361 <b>272.83</b>
	6X2	---	---	---	340-102362 <b>261.80</b>	350-102362 <b>272.83</b>
	6X2-1/2	---	---	---	340-102363 <b>278.38</b>	350-102363 <b>284.97</b>
	6X3	---	---	---	340-102364 <b>278.38</b>	350-102364 <b>284.97</b>
	6X4	---	---	---	340-102365 <b>289.37</b>	350-102365 <b>300.43</b>
	8X1-1/2	---	---	---	340-102366 <b>319.21</b>	350-102366 <b>388.80</b>
	8X2	---	---	---	340-102367 <b>319.21</b>	350-102367 <b>388.80</b>
	8X2-1/2	---	---	---	340-102368 <b>335.78</b>	350-102368 <b>405.36</b>
	8X3	---	---	---	340-102369 <b>335.78</b>	350-102369 <b>405.36</b>
	8X4	---	---	---	340-102370 <b>363.39</b>	350-102370 <b>421.91</b>
	10X2	---	---	---	340-102372 <b>542.33</b>	350-102372 <b>592.04</b>
	10X2-1/2	---	---	---	340-102373 <b>575.48</b>	---
	10X3	---	---	---	340-102374 <b>575.48</b>	350-102374 <b>620.76</b>
	10X4	---	---	---	340-102375 <b>605.27</b>	350-102375 <b>652.81</b>
	12X2	---	---	---	340-102377 <b>722.38</b>	350-102377 <b>777.59</b>
	12X2-1/2	---	---	---	340-102378 <b>753.30</b>	---
12X3	---	---	---	340-102379 <b>753.30</b>	350-102379 <b>819.56</b>	
12X4	---	---	---	340-102380 <b>788.67</b>	350-102380 <b>861.56</b>	

**Tee (Gasket x Gasket x Fipt)**

	4X1-1/2	---	---	---	340-102426 <b>198.82</b>	350-102426 <b>217.61</b>
	4X2	---	---	---	340-102427 <b>198.82</b>	350-102427 <b>217.61</b>
	4X2-1/2	---	---	---	340-102428 <b>216.47</b>	350-102428 <b>234.16</b>
	4X3	---	---	---	340-102429 <b>216.47</b>	350-102429 <b>234.16</b>
	6X1-1/2	---	---	---	340-102431 <b>286.06</b>	350-102431 <b>300.43</b>
	6X2	---	---	---	340-102432 <b>286.06</b>	350-102432 <b>300.43</b>
	6X2-1/2	---	---	---	340-102433 <b>297.12</b>	350-102433 <b>314.82</b>
	6X3	---	---	---	340-102434 <b>297.12</b>	350-102434 <b>314.82</b>
	6X4	---	---	---	340-102435 <b>305.96</b>	350-102435 <b>328.06</b>
	8X1-1/2	---	---	---	340-102436 <b>350.16</b>	350-102436 <b>419.73</b>
	8X2	---	---	---	340-102437 <b>350.16</b>	350-102437 <b>419.73</b>
	8X2-1/2	---	---	---	340-102438 <b>371.13</b>	350-102438 <b>441.81</b>
	8X3	---	---	---	340-102439 <b>371.13</b>	350-102439 <b>441.81</b>
	8X4	---	---	---	340-102440 <b>394.32</b>	350-102440 <b>609.14</b>





**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Tee (Gasket x Gasket x Fipt) (continued)**

	<b>10X2</b>	---	---	---	340-102442 <b>593.13</b>	350-102442 <b>652.81</b>
	<b>10X2-1/2</b>	---	---	---	340-102443 <b>620.76</b>	350-102443 <b>689.27</b>
	<b>10X3</b>	---	---	---	340-102444 <b>620.76</b>	350-102444 <b>689.27</b>
	<b>10X4</b>	---	---	---	340-102445 <b>654.97</b>	350-102445 <b>716.83</b>
	<b>12X2</b>	---	---	---	340-102447 <b>765.13</b>	350-102447 <b>832.84</b>
	<b>12X2-1/2</b>	---	---	---	340-102448 <b>803.01</b>	---
	<b>12X3</b>	---	---	---	340-102449 <b>803.01</b>	350-102449 <b>874.81</b>
	<b>12X4</b>	---	---	---	340-102450 <b>843.86</b>	350-102450 <b>916.79</b>

**Tee (Soc x Soc x Soc)**

	<b>6</b>	310-102502 <b>68.66</b>	320-102502 <b>138.41</b>	330-102502 <b>153.87</b>	340-102502 <b>271.31</b>	350-102502 <b>287.11</b>
	<b>6X2</b>	310-102499 <b>54.23</b>	320-102499 <b>71.96</b>	330-102499 <b>86.35</b>	340-102499 <b>215.36</b>	350-102499 <b>223.68</b>
	<b>6X3</b>	310-102500 <b>57.57</b>	320-102500 <b>80.81</b>	330-102500 <b>91.87</b>	340-102500 <b>229.14</b>	350-102500 <b>234.80</b>
	<b>6X4</b>	310-102501 <b>63.12</b>	320-102501 <b>88.59</b>	330-102501 <b>102.96</b>	340-102501 <b>237.44</b>	350-102501 <b>251.38</b>
	<b>8</b>	310-102507 <b>115.19</b>	320-102507 <b>174.94</b>	330-102507 <b>207.09</b>	340-102507 <b>425.28</b>	350-102507 <b>505.90</b>
	<b>8X2</b>	310-102503 <b>75.29</b>	320-102503 <b>95.22</b>	330-102503 <b>102.96</b>	340-102503 <b>273.93</b>	350-102503 <b>302.65</b>
	<b>8X3</b>	310-102504 <b>80.81</b>	320-102504 <b>106.27</b>	330-102504 <b>115.19</b>	340-102504 <b>307.07</b>	350-102504 <b>328.06</b>
	<b>8X4</b>	310-102505 <b>86.35</b>	320-102505 <b>120.65</b>	330-102505 <b>131.72</b>	340-102505 <b>324.74</b>	350-102505 <b>344.62</b>
	<b>8X6</b>	310-102506 <b>102.96</b>	320-102506 <b>155.02</b>	330-102506 <b>163.86</b>	340-102506 <b>376.66</b>	350-102506 <b>408.67</b>
	<b>10</b>	310-102513 <b>171.61</b>	320-102513 <b>243.56</b>	330-102513 <b>336.60</b>	340-102513 <b>660.51</b>	350-102513 <b>803.01</b>
	<b>10X2</b>	310-102508 <b>102.96</b>	320-102508 <b>126.19</b>	330-102508 <b>161.64</b>	340-102508 <b>387.71</b>	350-102508 <b>461.68</b>
	<b>10X3</b>	310-102509 <b>120.65</b>	320-102509 <b>146.14</b>	330-102509 <b>190.45</b>	340-102509 <b>416.44</b>	350-102509 <b>491.50</b>
	<b>10X4</b>	310-102510 <b>137.31</b>	320-102510 <b>163.86</b>	330-102510 <b>214.79</b>	340-102510 <b>450.67</b>	350-102510 <b>527.96</b>
	<b>10X6</b>	310-102511 <b>149.48</b>	320-102511 <b>180.48</b>	330-102511 <b>238.02</b>	340-102511 <b>495.94</b>	350-102511 <b>580.97</b>
	<b>10X8</b>	310-102512 <b>159.44</b>	320-102512 <b>209.27</b>	330-102512 <b>283.44</b>	340-102512 <b>558.91</b>	350-102512 <b>652.81</b>
	<b>12</b>	310-102520 <b>235.83</b>	320-102520 <b>384.22</b>	330-102520 <b>504.90</b>	340-102520 <b>940.00</b>	350-102520 <b>1241.50</b>
	<b>12X2</b>	310-102514 <b>177.19</b>	320-102514 <b>190.45</b>	330-102514 <b>249.16</b>	340-102514 <b>512.49</b>	350-102514 <b>608.62</b>
	<b>12X3</b>	310-102515 <b>182.68</b>	320-102515 <b>201.52</b>	330-102515 <b>270.16</b>	340-102515 <b>546.77</b>	350-102515 <b>656.10</b>
	<b>12X4</b>	310-102516 <b>189.35</b>	320-102516 <b>224.77</b>	330-102516 <b>298.97</b>	340-102516 <b>584.32</b>	350-102516 <b>700.24</b>
	<b>12X6</b>	310-102517 <b>194.86</b>	320-102517 <b>256.88</b>	330-102517 <b>336.60</b>	340-102517 <b>649.50</b>	350-102517 <b>794.16</b>
	<b>12X8</b>	310-102518 <b>205.96</b>	320-102518 <b>283.44</b>	330-102518 <b>378.72</b>	340-102518 <b>723.47</b>	350-102518 <b>847.19</b>
	<b>12X10</b>	310-102519 <b>211.45</b>	320-102519 <b>338.83</b>	330-102519 <b>449.53</b>	340-102519 <b>808.54</b>	350-102519 <b>991.89</b>
	<b>15X2</b>	310-102521** <b>210.39</b>	---	---	---	---
	<b>15X3</b>	310-102522** <b>221.44</b>	---	---	---	---
	<b>15X4</b>	310-102523** <b>245.81</b>	---	---	---	---
	<b>15X6</b>	310-102524** <b>251.35</b>	---	---	---	---
	<b>15X8</b>	310-102525** <b>270.16</b>	---	---	---	---
	<b>15X10</b>	310-102526** <b>283.44</b>	---	---	---	---

**Turf & Irrigation  
PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Tee (Soc x Soc x Soc) (continued)**

	<b>15X12</b>	310-102527** <b>319.99</b>	---	---	---	---
	<b>15X15</b>	310-102528* <b>407.47</b>	---	---	---	---

\* 15" PIP O.D.  
\*\* 15" PIP O.D. x IPS

**Tee (Gasket x Spigot x Gasket)**

	<b>4</b>	---	320-103058 <b>110.71</b>	330-103058 <b>115.19</b>	340-103058 <b>210.39</b>	350-103058 <b>236.05</b>
	<b>6</b>	---	320-103062 <b>160.56</b>	330-103062 <b>171.61</b>	340-103062 <b>325.83</b>	350-103062 <b>375.53</b>
	<b>6X4</b>	---	320-103061 <b>137.31</b>	330-103061 <b>166.07</b>	340-103061 <b>289.37</b>	350-103061 <b>311.47</b>
	<b>8</b>	---	320-103067 <b>221.94</b>	330-103067 <b>285.67</b>	340-103067 <b>483.80</b>	350-103067 <b>608.62</b>
	<b>8X4</b>	---	320-103065 <b>173.23</b>	330-103065 <b>189.35</b>	340-103065 <b>361.17</b>	350-103065 <b>439.61</b>
	<b>8X6</b>	---	320-103066 <b>201.52</b>	330-103066 <b>239.18</b>	340-103066 <b>399.85</b>	350-103066 <b>500.36</b>
	<b>10</b>	---	320-103073 <b>376.48</b>	330-103073 <b>457.31</b>	340-103073 <b>791.98</b>	350-103073 <b>999.36</b>
	<b>10X4</b>	---	320-103070 <b>259.09</b>	330-103070 <b>331.05</b>	340-103070 <b>531.31</b>	350-103070 <b>667.15</b>
	<b>10X6</b>	---	320-103071 <b>285.67</b>	330-103071 <b>359.88</b>	340-103071 <b>580.97</b>	350-103071 <b>727.89</b>
	<b>10X8</b>	---	320-103072 <b>317.79</b>	330-103072 <b>399.72</b>	340-103072 <b>652.81</b>	350-103072 <b>821.79</b>
	<b>12</b>	---	320-103080 <b>527.06</b>	330-103080 <b>628.93</b>	---	---
	<b>12X4</b>	---	320-103076 <b>349.90</b>	330-103076 <b>428.56</b>	340-103076 <b>694.74</b>	350-103076 <b>872.57</b>
	<b>12X6</b>	---	320-103077 <b>373.15</b>	330-103077 <b>434.05</b>	340-103077 <b>764.35</b>	350-103077 <b>960.97</b>
	<b>12X8</b>	---	320-103078 <b>413.00</b>	330-103078 <b>457.31</b>	340-103078 <b>847.19</b>	350-103078 <b>1054.84</b>
	<b>12X10</b>	---	320-103079 <b>470.60</b>	330-103079 <b>513.79</b>	340-103079 <b>958.76</b>	350-103079 <b>1194.01</b>
<b>12X12</b>	---	---	---	340-103080 <b>1124.39</b>	---	

**Tee (Gasket x Gasket x Gasket)**

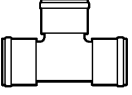
	<b>4</b>	---	320-103170 <b>132.86</b>	330-103170 <b>181.53</b>	340-103170 <b>208.77</b>	350-103170 <b>258.47</b>
	<b>6</b>	---	320-103174 <b>155.02</b>	330-103174 <b>205.96</b>	340-103174 <b>347.93</b>	350-103174 <b>377.73</b>
	<b>6X4</b>	---	320-103173 <b>137.31</b>	330-103173 <b>194.86</b>	340-103173 <b>300.43</b>	350-103173 <b>322.52</b>
	<b>8</b>	---	320-103179 <b>274.59</b>	330-103179 <b>297.12</b>	340-103179 <b>542.33</b>	350-103179 <b>639.53</b>
	<b>8X4</b>	---	320-103177 <b>205.96</b>	330-103177 <b>229.20</b>	340-103177 <b>425.28</b>	350-103177 <b>472.72</b>
	<b>8X6</b>	---	320-103178 <b>211.45</b>	330-103178 <b>259.09</b>	340-103178 <b>472.72</b>	350-103178 <b>522.48</b>
	<b>10</b>	---	320-103185 <b>399.72</b>	330-103185 <b>502.68</b>	340-103185 <b>889.16</b>	350-103185 <b>1043.82</b>
	<b>10X4</b>	---	320-103182 <b>306.72</b>	330-103182 <b>380.90</b>	340-103182 <b>667.15</b>	350-103182 <b>680.39</b>
	<b>10X6</b>	---	320-103183 <b>328.87</b>	330-103183 <b>397.50</b>	340-103183 <b>708.02</b>	350-103183 <b>738.98</b>
	<b>10X8</b>	---	320-103184 <b>357.65</b>	330-103184 <b>462.86</b>	340-103184 <b>791.98</b>	350-103184 <b>832.84</b>
	<b>12</b>	---	320-103192 <b>555.87</b>	330-103192 <b>727.48</b>	340-103192 <b>1236.01</b>	350-103192 <b>1443.67</b>
	<b>12X4</b>	---	320-103188 <b>391.95</b>	330-103188 <b>462.86</b>	340-103188 <b>847.19</b>	350-103188 <b>885.85</b>
	<b>12X6</b>	---	320-103189 <b>401.96</b>	330-103189 <b>476.11</b>	340-103189 <b>925.60</b>	350-103189 <b>979.74</b>
	<b>12X8</b>	---	320-103190 <b>423.00</b>	330-103190 <b>571.38</b>	340-103190 <b>1014.18</b>	350-103190 <b>1071.40</b>
	<b>12X10</b>	---	320-103191 <b>502.68</b>	330-103191 <b>609.03</b>	340-103191 <b>1138.83</b>	350-103191 <b>1212.79</b>



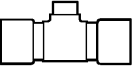
**Turf & Irrigation  
PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

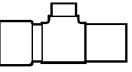
**Tee (Gasket x Gasket x Gasket) (continued)**

	<b>12X10</b>	---	320-103191 <b>502.68</b>	330-103191 <b>609.03</b>	340-103191 <b>1138.83</b>	350-103191 <b>1212.79</b>
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**Reinforced Tee (Soc x Soc x Fipt)**

	<b>6X2</b>	---	---	330-202152 <b>77.51</b>	---	---
	<b>6X3</b>	---	---	330-202154 <b>88.59</b>	---	---
	<b>6X4</b>	---	---	330-202155 <b>100.73</b>	---	---
	<b>8X2</b>	---	---	330-202157 <b>111.82</b>	---	---
	<b>8X3</b>	---	---	330-202159 <b>130.64</b>	---	---
	<b>8X4</b>	---	---	330-202160 <b>142.79</b>	---	---
	<b>10X2</b>	---	---	330-202162 <b>172.70</b>	---	---
	<b>10X3</b>	---	---	330-202164 <b>201.52</b>	---	---
	<b>10X4</b>	---	---	330-202165 <b>220.32</b>	---	---
	<b>12X2</b>	---	---	330-202167 <b>249.16</b>	---	---
	<b>12X3</b>	---	---	330-202169 <b>277.94</b>	---	---
	<b>12X4</b>	---	---	330-202170 <b>306.72</b>	---	---

**Reinforced Tee (Soc x Spigot x Fipt)**

	<b>6X2</b>	---	---	330-202222 <b>77.51</b>	---	---
	<b>6X3</b>	---	---	330-202224 <b>88.59</b>	---	---
	<b>6X4</b>	---	---	330-202225 <b>100.73</b>	---	---
	<b>8X2</b>	---	---	330-202227 <b>110.71</b>	---	---
	<b>8X3</b>	---	---	330-202229 <b>123.96</b>	---	---
	<b>8X4</b>	---	---	330-202230 <b>136.15</b>	---	---
	<b>10X2</b>	---	---	330-202232 <b>163.86</b>	---	---
	<b>10X3</b>	---	---	330-202234 <b>191.53</b>	---	---
	<b>10X4</b>	---	---	330-202235 <b>211.45</b>	---	---
	<b>12X2</b>	---	---	330-202237 <b>236.94</b>	---	---
	<b>12X3</b>	---	---	330-202239 <b>264.64</b>	---	---
	<b>12X4</b>	---	---	330-202240 <b>294.55</b>	---	---

**Reinforced Tee (Gasket x Spigot x Fipt)**

	<b>6X2</b>	---	---	330-202362 <b>132.86</b>	---	---
	<b>6X3</b>	---	---	330-202364 <b>151.66</b>	---	---
	<b>6X4</b>	---	---	330-202365 <b>160.56</b>	---	---
	<b>8X2</b>	---	---	330-202367 <b>166.07</b>	---	---
	<b>8X3</b>	---	---	330-202369 <b>177.19</b>	---	---
	<b>8X4</b>	---	---	330-202370 <b>189.35</b>	---	---
	<b>10X2</b>	---	---	330-202372 <b>251.35</b>	---	---

**Turf & Irrigation  
PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Reinforced Tee (Gasket x Spigot x Fipt) (continued)**

	<b>10X2</b>	---	---	330-202372 <b>251.35</b>	---	---
	<b>10X3</b>	---	---	330-202374 <b>271.27</b>	---	---
	<b>10X4</b>	---	---	330-202375 <b>297.85</b>	---	---
	<b>12X2</b>	---	---	330-202377 <b>343.24</b>	---	---
	<b>12X3</b>	---	---	330-202379 <b>372.03</b>	---	---
	<b>12X4</b>	---	---	330-202380 <b>399.72</b>	---	---

**Reinforced Tee (Gasket x Gasket x Fipt)**

	<b>6X2</b>	---	---	330-202432 <b>160.56</b>	---	---
	<b>6X3</b>	---	---	330-202434 <b>171.61</b>	---	---
	<b>6X4</b>	---	---	330-202435 <b>182.68</b>	---	---
	<b>8X2</b>	---	---	330-202437 <b>200.41</b>	---	---
	<b>8X3</b>	---	---	330-202439 <b>211.45</b>	---	---
	<b>8X4</b>	---	---	330-202440 <b>229.20</b>	---	---
	<b>10X2</b>	---	---	330-202442 <b>312.26</b>	---	---
	<b>10X3</b>	---	---	330-202444 <b>328.87</b>	---	---
	<b>10X4</b>	---	---	330-202445 <b>363.18</b>	---	---
	<b>12X2</b>	---	---	330-202447 <b>423.00</b>	---	---
	<b>12X3</b>	---	---	330-202449 <b>462.86</b>	---	---
	<b>12X4</b>	---	---	330-202450 <b>483.93</b>	---	---

**90° Elbow (Soc x Soc)**

	<b>6</b>	310-100812 <b>75.29</b>	320-100812 <b>97.40</b>	330-100812 <b>108.49</b>	340-100812 <b>279.44</b>	350-100812 <b>302.65</b>
	<b>8</b>	310-100813 <b>102.96</b>	320-100813 <b>149.48</b>	330-100813 <b>178.24</b>	340-100813 <b>387.71</b>	350-100813 <b>439.61</b>
	<b>10</b>	310-100814 <b>160.56</b>	320-100814 <b>233.63</b>	330-100814 <b>282.35</b>	340-100814 <b>589.84</b>	350-100814 <b>724.57</b>
	<b>12</b>	310-100815 <b>229.20</b>	320-100815 <b>325.51</b>	330-100815 <b>431.85</b>	340-100815 <b>854.91</b>	350-100815 <b>972.02</b>
	<b>15</b>	310-100816* <b>428.56</b>	---	---	---	---

\* 15" PIP O.D.

**90° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100877 <b>168.15</b>	---	---
	<b>6</b>	---	320-100878 <b>197.11</b>	330-100878 <b>226.99</b>	340-100878 <b>370.00</b>	350-100878 <b>388.80</b>
	<b>8</b>	---	320-100879 <b>298.97</b>	330-100879 <b>366.53</b>	340-100879 <b>527.96</b>	350-100879 <b>566.65</b>
	<b>10</b>	---	320-100880 <b>435.17</b>	330-100880 <b>576.87</b>	340-100880 <b>764.35</b>	350-100880 <b>933.33</b>
	<b>12</b>	---	320-100881 <b>583.55</b>	330-100881 <b>687.64</b>	340-100881 <b>1027.27</b>	350-100881 <b>1180.76</b>

**90° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100899 <b>168.15</b>	340-100899 <b>250.72</b>	350-100899 <b>278.38</b>
	<b>6</b>	---	320-100900 <b>197.11</b>	330-100900 <b>226.99</b>	340-100900 <b>370.00</b>	350-100900 <b>388.80</b>
	<b>8</b>	---	320-100901 <b>298.97</b>	330-100901 <b>366.53</b>	340-100901 <b>527.96</b>	350-100901 <b>566.65</b>
	<b>10</b>	---	320-100902 <b>435.17</b>	330-100902 <b>576.87</b>	340-100902 <b>764.35</b>	350-100902 <b>933.33</b>
	<b>12</b>	---	320-100903 <b>583.55</b>	330-100903 <b>687.64</b>	3406-1202 <b>855.60</b>	350-100903 <b>1180.76</b>

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Progressive Products from Spears® Innovation and Technology**



**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**11-1/4° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100113 <b>32.07</b>	340-100113 <b>35.51</b>	350-100113 <b>42.60</b>
	<b>6</b>	310-100114 <b>28.74</b>	320-100114 <b>37.66</b>	330-100114 <b>45.37</b>	340-100114 <b>49.69</b>	350-100114 <b>53.00</b>
	<b>8</b>	310-100115 <b>45.37</b>	320-100115 <b>57.57</b>	330-100115 <b>89.65</b>	340-100115 <b>86.15</b>	350-100115 <b>97.19</b>
	<b>10</b>	310-100116 <b>64.19</b>	320-100116 <b>91.87</b>	330-100116 <b>127.34</b>	340-100116 <b>149.13</b>	350-100116 <b>199.88</b>
	<b>12</b>	310-100117 <b>104.03</b>	320-100117 <b>143.95</b>	330-100117 <b>207.09</b>	340-100117 <b>234.16</b>	350-100117 <b>333.59</b>
	<b>15</b>	310-100118 <b>174.94</b>	---	---	---	---

**11-1/4° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100185 <b>115.19</b>	340-100185 <b>127.82</b>	350-100185 <b>157.29</b>
	<b>6</b>	---	320-100186 <b>128.43</b>	330-100186 <b>160.56</b>	340-100186 <b>177.53</b>	350-100186 <b>194.40</b>
	<b>8</b>	---	320-100187 <b>157.23</b>	330-100187 <b>240.28</b>	340-100187 <b>260.36</b>	350-100187 <b>313.69</b>
	<b>10</b>	---	320-100188 <b>269.09</b>	330-100188 <b>319.99</b>	340-100188 <b>370.00</b>	350-100188 <b>544.51</b>
	<b>12</b>	---	320-100189 <b>359.88</b>	330-100189 <b>434.05</b>	340-100189 <b>539.03</b>	350-100189 <b>750.01</b>

**11-1/4° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100209 <b>115.19</b>	340-100209 <b>127.82</b>	350-100209 <b>157.29</b>
	<b>6</b>	---	320-100210 <b>128.43</b>	330-100210 <b>160.56</b>	340-100210 <b>177.53</b>	350-100210 <b>194.40</b>
	<b>8</b>	---	320-100211 <b>157.23</b>	330-100211 <b>240.28</b>	340-100211 <b>260.36</b>	350-100211 <b>313.69</b>
	<b>10</b>	---	320-100212 <b>269.09</b>	330-100212 <b>319.99</b>	340-100212 <b>370.00</b>	350-100212 <b>544.51</b>
	<b>12</b>	---	320-100213 <b>359.88</b>	330-100213 <b>434.05</b>	340-100213 <b>539.03</b>	350-100213 <b>750.01</b>

**15° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100233 <b>32.07</b>	340-100233 <b>35.51</b>	350-100233 <b>42.60</b>
	<b>6</b>	310-100234 <b>28.74</b>	320-100234 <b>37.66</b>	330-100234 <b>45.37</b>	340-100234 <b>49.69</b>	350-100234 <b>53.00</b>
	<b>8</b>	310-100235 <b>45.37</b>	320-100235 <b>57.57</b>	330-100235 <b>69.72</b>	340-100235 <b>86.15</b>	350-100235 <b>99.10</b>
	<b>10</b>	310-100236 <b>64.19</b>	320-100236 <b>91.87</b>	330-100236 <b>127.34</b>	340-100236 <b>149.13</b>	350-100236 <b>199.88</b>
	<b>12</b>	310-100237 <b>104.03</b>	320-100237 <b>143.95</b>	330-100237 <b>207.09</b>	340-100237 <b>234.16</b>	350-100237 <b>333.59</b>
	<b>15</b>	310-100238* <b>174.94</b>	---	---	---	---

\* 15" PIP O.D.

**15° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100305 <b>115.19</b>	340-100305 <b>127.82</b>	350-100305 <b>157.29</b>
	<b>6</b>	---	320-100306 <b>128.43</b>	330-100306 <b>160.56</b>	340-100306 <b>177.53</b>	350-100306 <b>194.40</b>
	<b>8</b>	---	320-100307 <b>157.23</b>	330-100307 <b>240.28</b>	340-100307 <b>260.36</b>	350-100307 <b>313.69</b>
	<b>10</b>	---	320-100308 <b>269.09</b>	330-100308 <b>319.99</b>	340-100308 <b>370.00</b>	350-100308 <b>544.51</b>
	<b>12</b>	---	320-100309 <b>359.88</b>	330-100309 <b>434.05</b>	340-100309 <b>539.03</b>	350-100309 <b>750.01</b>

**15° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100329 <b>115.19</b>	340-100329 <b>127.82</b>	350-100329 <b>157.29</b>
	<b>6</b>	---	320-100330 <b>128.43</b>	330-100330 <b>160.56</b>	340-100330 <b>177.53</b>	350-100330 <b>194.40</b>
	<b>8</b>	---	320-100331 <b>169.00</b>	330-100331 <b>240.28</b>	340-100331 <b>260.36</b>	350-100331 <b>313.69</b>
	<b>10</b>	---	320-100332 <b>250.56</b>	330-100332 <b>319.99</b>	340-100332 <b>370.00</b>	350-100332 <b>544.51</b>
	<b>12</b>	---	320-100333 <b>361.30</b>	330-100333 <b>434.05</b>	340-100333 <b>539.03</b>	350-100333 <b>750.01</b>

**Turf & Irrigation  
PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**22-1/2° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100353 <b>32.07</b>	340-100353 <b>35.51</b>	350-100353 <b>42.60</b>
	<b>6</b>	310-100354 <b>28.74</b>	320-100354 <b>37.66</b>	330-100354 <b>45.37</b>	340-100354 <b>49.69</b>	350-100354 <b>53.00</b>
	<b>8</b>	310-100355 <b>45.37</b>	320-100355 <b>57.57</b>	330-100355 <b>69.72</b>	340-100355 <b>86.15</b>	350-100355 <b>99.10</b>
	<b>10</b>	310-100356 <b>64.19</b>	320-100356 <b>91.87</b>	330-100356 <b>127.34</b>	340-100356 <b>149.13</b>	350-100356 <b>199.88</b>
	<b>12</b>	310-100357 <b>104.03</b>	320-100357 <b>143.95</b>	330-100357 <b>207.09</b>	340-100357 <b>234.16</b>	350-100357 <b>333.59</b>
	<b>15</b>	310-100358* <b>174.94</b>	---	---	---	---

\* 15" PIP O.D.

**22-1/2° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100425 <b>115.19</b>	340-100425 <b>127.82</b>	350-100425 <b>157.29</b>
	<b>6</b>	---	320-100426 <b>128.43</b>	330-100426 <b>160.56</b>	340-100426 <b>177.53</b>	350-100426 <b>194.40</b>
	<b>8</b>	---	320-100427 <b>157.23</b>	330-100427 <b>240.28</b>	340-100427 <b>260.36</b>	350-100427 <b>313.69</b>
	<b>10</b>	---	320-100428 <b>269.09</b>	330-100428 <b>319.99</b>	340-100428 <b>370.00</b>	350-100428 <b>544.51</b>
	<b>12</b>	---	320-100429 <b>359.88</b>	330-100429 <b>434.05</b>	340-100429 <b>539.03</b>	350-100429 <b>750.01</b>

**22-1/2° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100449 <b>115.19</b>	340-100449 <b>127.82</b>	350-100449 <b>157.29</b>
	<b>6</b>	---	320-100450 <b>128.43</b>	330-100450 <b>160.56</b>	340-100450 <b>177.53</b>	350-100450 <b>194.40</b>
	<b>8</b>	---	320-100451 <b>157.23</b>	330-100451 <b>240.28</b>	340-100451 <b>260.36</b>	350-100451 <b>313.69</b>
	<b>10</b>	---	320-100452 <b>269.09</b>	330-100452 <b>319.99</b>	340-100452 <b>370.00</b>	350-100452 <b>544.51</b>
	<b>12</b>	---	320-100453 <b>359.88</b>	330-100453 <b>434.05</b>	340-100453 <b>539.03</b>	350-100453 <b>750.01</b>

**30° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100473 <b>39.84</b>	340-100473 <b>83.89</b>	350-100473 <b>139.47</b>
	<b>6</b>	310-100474 <b>39.84</b>	320-100474 <b>49.84</b>	330-100474 <b>56.45</b>	340-100474 <b>205.45</b>	350-100474 <b>248.29</b>
	<b>8</b>	310-100475 <b>58.65</b>	320-100475 <b>83.04</b>	330-100475 <b>87.45</b>	340-100475 <b>279.44</b>	350-100475 <b>333.59</b>
	<b>10</b>	310-100476 <b>85.26</b>	320-100476 <b>127.34</b>	330-100476 <b>180.48</b>	340-100476 <b>432.99</b>	350-100476 <b>522.48</b>
	<b>12</b>	310-100477 <b>138.41</b>	320-100477 <b>186.01</b>	330-100477 <b>264.64</b>	340-100477 <b>627.38</b>	350-100477 <b>730.11</b>
	<b>15</b>	310-100478 <b>207.09</b>	---	---	---	---

**30° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100545 <b>132.17</b>	340-100545 <b>159.05</b>	350-100545 <b>166.78</b>
	<b>6</b>	---	320-100546 <b>171.61</b>	330-100546 <b>182.68</b>	340-100546 <b>236.38</b>	350-100546 <b>289.37</b>
	<b>8</b>	---	320-100547 <b>211.45</b>	330-100547 <b>256.88</b>	340-100547 <b>347.93</b>	350-100547 <b>430.76</b>
	<b>10</b>	---	320-100548 <b>297.85</b>	330-100548 <b>377.55</b>	340-100548 <b>577.67</b>	350-100548 <b>719.10</b>
	<b>12</b>	---	320-100549 <b>411.93</b>	330-100549 <b>548.10</b>	340-100549 <b>764.35</b>	350-100549 <b>902.43</b>

**30° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100569 <b>132.17</b>	340-100569 <b>159.05</b>	350-100569 <b>166.78</b>
	<b>6</b>	---	320-100570 <b>171.61</b>	330-100570 <b>182.68</b>	340-100570 <b>236.38</b>	350-100570 <b>289.37</b>
	<b>8</b>	---	320-100571 <b>211.45</b>	330-100571 <b>256.88</b>	340-100571 <b>347.93</b>	350-100571 <b>430.76</b>
	<b>10</b>	---	320-100572 <b>297.85</b>	330-100572 <b>377.55</b>	340-100572 <b>577.67</b>	350-100572 <b>719.10</b>
	<b>12</b>	---	320-100573 <b>411.93</b>	330-100573 <b>548.10</b>	340-100573 <b>764.35</b>	350-100573 <b>902.43</b>



**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**45° Elbow (Soc x Soc)**

	<b>6</b>	310-100592 <b>39.84</b>	320-100592 <b>49.84</b>	330-100592 <b>56.45</b>	340-100592 <b>205.45</b>	350-100592 <b>214.26</b>
	<b>8</b>	310-100593 <b>58.65</b>	320-100593 <b>83.04</b>	330-100593 <b>87.45</b>	340-100593 <b>279.44</b>	350-100593 <b>333.59</b>
	<b>10</b>	310-100594 <b>85.26</b>	320-100594 <b>127.34</b>	330-100594 <b>180.48</b>	340-100594 <b>432.99</b>	350-100594 <b>522.48</b>
	<b>12</b>	310-100595 <b>138.41</b>	320-100595 <b>186.01</b>	330-100595 <b>264.64</b>	340-100595 <b>627.38</b>	350-100595 <b>730.11</b>
	<b>15</b>	310-100596* <b>207.09</b>	---	---	---	---

\* 15" PIP O.D.

**45° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100657 <b>132.17</b>	340-100657 <b>159.05</b>	350-100657 <b>166.78</b>
	<b>6</b>	---	320-100658 <b>134.04</b>	330-100658 <b>182.68</b>	340-100658 <b>236.38</b>	350-100658 <b>289.37</b>
	<b>8</b>	---	320-100659 <b>189.97</b>	330-100659 <b>256.88</b>	340-100659 <b>347.93</b>	350-100659 <b>430.76</b>
	<b>10</b>	---	320-100660 <b>272.71</b>	330-100660 <b>377.55</b>	340-100660 <b>577.67</b>	350-100660 <b>717.37</b>
	<b>12</b>	---	320-100661 <b>388.11</b>	330-100661 <b>548.10</b>	340-100661 <b>764.35</b>	350-100661 <b>902.43</b>

**45° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100679 <b>132.17</b>	340-100679 <b>159.05</b>	350-100679 <b>166.78</b>
	<b>6</b>	---	320-100680 <b>134.04</b>	330-100680 <b>182.68</b>	340-100680 <b>236.38</b>	350-100680 <b>289.37</b>
	<b>8</b>	---	320-100681 <b>189.97</b>	330-100681 <b>256.88</b>	340-100681 <b>347.93</b>	350-100681 <b>430.76</b>
	<b>10</b>	---	320-100682 <b>272.71</b>	330-100682 <b>377.55</b>	340-100682 <b>577.67</b>	350-100682 <b>719.10</b>
	<b>12</b>	---	320-100683 <b>411.90</b>	330-100683 <b>548.10</b>	340-100683 <b>764.35</b>	350-100683 <b>902.43</b>

**60° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100701 <b>71.26</b>	---	---
	<b>6</b>	310-100702 <b>75.29</b>	320-100702 <b>97.40</b>	330-100702 <b>108.49</b>	340-100702 <b>279.44</b>	350-100702 <b>302.65</b>
	<b>8</b>	310-100703 <b>102.96</b>	320-100703 <b>149.48</b>	330-100703 <b>178.24</b>	340-100703 <b>387.71</b>	350-100703 <b>439.61</b>
	<b>10</b>	310-100704 <b>160.56</b>	320-100704 <b>233.63</b>	330-100704 <b>282.35</b>	340-100704 <b>589.84</b>	350-100704 <b>724.57</b>
	<b>12</b>	310-100705 <b>229.20</b>	320-100705 <b>325.51</b>	330-100705 <b>431.85</b>	340-100705 <b>854.91</b>	350-100705 <b>972.02</b>
	<b>15</b>	310-100706* <b>428.56</b>	---	---	---	---

\* 15" PIP O.D.

**60° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100767 <b>168.15</b>	340-100767 <b>250.72</b>	350-100767 <b>278.38</b>
	<b>6</b>	---	320-100768 <b>197.11</b>	330-100768 <b>226.99</b>	340-100768 <b>370.00</b>	350-100768 <b>388.80</b>
	<b>8</b>	---	320-100769 <b>298.97</b>	330-100769 <b>366.53</b>	340-100769 <b>527.96</b>	350-100769 <b>566.65</b>
	<b>10</b>	---	320-100770 <b>435.17</b>	330-100770 <b>576.87</b>	340-100770 <b>764.35</b>	350-100770 <b>933.33</b>
	<b>12</b>	---	320-100771 <b>583.55</b>	330-100771 <b>687.64</b>	340-100771 <b>1027.27</b>	350-100771 <b>1180.76</b>

**60° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100789 <b>168.15</b>	340-100789 <b>250.72</b>	350-100789 <b>278.38</b>
	<b>6</b>	---	320-100790 <b>197.11</b>	330-100790 <b>226.99</b>	340-100790 <b>370.00</b>	350-100790 <b>388.80</b>
	<b>8</b>	---	320-100791 <b>298.97</b>	330-100791 <b>366.53</b>	340-100791 <b>527.96</b>	350-100791 <b>566.65</b>
	<b>10</b>	---	320-100792 <b>435.17</b>	330-100792 <b>576.87</b>	340-100792 <b>764.35</b>	350-100792 <b>933.33</b>
	<b>12</b>	---	320-100793 <b>583.55</b>	330-100793 <b>687.64</b>	340-100793 <b>1027.27</b>	350-100793 <b>1180.76</b>



**Turf & Irrigation  
PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code 340	Disc Code 350	Disc Code 360	Disc Code 370	Disc Code 380
		Part Number	Part Number	Part Number	Part Number	Part Number
		Price Each	Price Each	Price Each	Price Each	Price Each

**Coupling (Soc x Soc)**

	<b>6</b>	310-100002 <b>21.04</b>	320-100002 <b>25.43</b>	330-100002 <b>28.74</b>	340-100002 <b>34.22</b>	350-100002 <b>41.99</b>
	<b>8</b>	310-100003 <b>36.52</b>	320-100003 <b>44.27</b>	330-100003 <b>47.62</b>	340-100003 <b>62.99</b>	350-100003 <b>80.62</b>
	<b>10</b>	310-100004 <b>43.19</b>	320-100004 <b>73.07</b>	330-100004 <b>87.45</b>	340-100004 <b>100.02</b>	350-100004 <b>175.63</b>
	<b>12</b>	310-100005 <b>66.43</b>	320-100005 <b>114.03</b>	330-100005 <b>140.64</b>	340-100005 <b>160.17</b>	350-100005 <b>263.99</b>
	<b>15</b>	310-100006* <b>99.66</b>	---	---	---	---

\* 15" PIP O.D.

**Coupling (Gasket x Spigot)**

	<b>4</b>	---	320-100067 <b>38.73</b>	330-100067 <b>49.84</b>	340-100067 <b>55.61</b>	350-100067 <b>67.34</b>
	<b>6</b>	---	320-100068 <b>60.86</b>	330-100068 <b>66.43</b>	340-100068 <b>89.48</b>	350-100068 <b>94.99</b>
	<b>8</b>	---	320-100069 <b>98.53</b>	330-100069 <b>119.55</b>	340-100069 <b>142.50</b>	350-100069 <b>159.05</b>
	<b>10</b>	---	320-100070 <b>130.64</b>	330-100070 <b>159.44</b>	340-100070 <b>208.77</b>	350-100070 <b>263.99</b>
	<b>12</b>	---	320-100071 <b>180.48</b>	330-100071 <b>217.02</b>	340-100071 <b>313.69</b>	350-100071 <b>377.73</b>

**Coupling (Gasket x Gasket)**

	<b>4</b>	---	320-100089 <b>60.86</b>	330-100089 <b>71.96</b>	340-100089 <b>78.88</b>	350-100089 <b>86.76</b>
	<b>6</b>	---	320-100090 <b>91.87</b>	330-100090 <b>102.96</b>	340-100090 <b>108.20</b>	350-100090 <b>136.95</b>
	<b>8</b>	---	320-100091 <b>137.31</b>	330-100091 <b>149.48</b>	340-100091 <b>162.03</b>	350-100091 <b>181.15</b>
	<b>10</b>	---	320-100092 <b>194.86</b>	330-100092 <b>217.02</b>	340-100092 <b>261.80</b>	350-100092 <b>313.69</b>
	<b>12</b>	---	320-100093 <b>256.88</b>	330-100093 <b>297.85</b>	340-100093 <b>344.62</b>	350-100093 <b>467.20</b>

**Reducer Coupling (Soc x Soc)**

	<b>6X4</b>	310-100926 <b>28.74</b>	320-100926 <b>32.07</b>	330-100926 <b>36.52</b>	340-100926 <b>38.62</b>	350-100926 <b>48.59</b>
	<b>8X6</b>	310-100928 <b>37.66</b>	320-100928 <b>50.90</b>	330-100928 <b>56.45</b>	340-100928 <b>61.84</b>	350-100928 <b>67.34</b>
	<b>10X8</b>	310-100931 <b>53.13</b>	320-100931 <b>101.12</b>	330-100931 <b>90.78</b>	340-100931 <b>114.86</b>	350-100931 <b>136.95</b>
	<b>12X10</b>	310-100935 <b>93.03</b>	320-100935 <b>138.41</b>	330-100935 <b>172.70</b>	340-100935 <b>210.96</b>	350-100935 <b>225.33</b>
	<b>15X12</b>	310-100940** <b>174.94</b>	---	---	---	---

\*\* 15" PIP O.D. x IPS

**Reducer Coupling (Gasket x Spigot)**

	<b>6X4</b>	---	320-101310 <b>91.68</b>	330-101310 <b>108.49</b>	340-101310 <b>126.99</b>	350-101310 <b>140.27</b>
	<b>8X6</b>	---	320-101312 <b>131.72</b>	330-101312 <b>160.56</b>	340-101312 <b>197.69</b>	350-101312 <b>219.81</b>
	<b>10X8</b>	---	320-101315 <b>182.68</b>	330-101315 <b>217.02</b>	340-101315 <b>271.73</b>	350-101315 <b>309.26</b>
	<b>12X10</b>	---	320-101319 <b>259.09</b>	330-101319 <b>312.26</b>	340-101319 <b>439.61</b>	350-101319 <b>495.94</b>

**Reducer Coupling (Spigot x Gasket)**

	<b>6X4</b>	---	320-101383 <b>86.35</b>	330-101383 <b>97.40</b>	340-101383 <b>106.05</b>	350-101383 <b>121.48</b>
	<b>8X6</b>	---	320-101385 <b>115.19</b>	330-101385 <b>137.31</b>	340-101385 <b>175.63</b>	350-101385 <b>199.88</b>
	<b>10X8</b>	---	320-101388 <b>171.61</b>	330-101388 <b>211.45</b>	340-101388 <b>255.17</b>	350-101388 <b>300.43</b>
	<b>12X10</b>	---	320-101392 <b>256.88</b>	330-101392 <b>294.55</b>	340-101392 <b>414.20</b>	350-101392 <b>485.99</b>



**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Reducer Coupling (Gasket x Gasket)**

	<b>6X4</b>	---	320-101456 <b>115.19</b>	330-101456 <b>126.19</b>	340-101456 <b>149.13</b>	350-101456 <b>163.46</b>
	<b>8X6</b>	---	320-101458 <b>166.07</b>	330-101458 <b>182.68</b>	340-101458 <b>239.67</b>	350-101458 <b>261.80</b>
	<b>10X8</b>	---	320-101461 <b>229.20</b>	330-101461 <b>285.67</b>	340-101461 <b>342.37</b>	350-101461 <b>500.36</b>
	<b>12X10</b>	---	320-101465 <b>317.79</b>	330-101465 <b>359.88</b>	340-101465 <b>454.60</b>	350-101465 <b>744.48</b>

**Repair Coupling (Gasket x Gasket)**

	<b>4</b>	---	3228-040 <b>67.24</b>	3328-040 <b>71.96</b>	3428-040 <b>95.04</b>	3528-040 <b>115.29</b>
	<b>6</b>	---	3228-060 <b>94.20</b>	3328-060 <b>97.40</b>	3428-060 <b>121.55</b>	3528-060 <b>140.79</b>
	<b>8</b>	---	3228-080 <b>143.74</b>	3328-080 <b>149.48</b>	3428-080 <b>174.01</b>	3528-080 <b>189.66</b>
	<b>10</b>	---	3228-100 <b>205.22</b>	3328-100 <b>222.56</b>	3428-100 <b>274.04</b>	3528-100 <b>304.22</b>
	<b>12</b>	---	3228-120 <b>274.94</b>	3328-120 <b>297.85</b>	3428-120 <b>356.80</b>	3528-120 <b>424.88</b>
	<b>14</b>	---	3228-140 <b>394.85</b>	3328-140 <b>415.45</b>	3428-140 <b>450.95</b>	---
	<b>16</b>	---	3228-160 <b>520.64</b>	3328-160 <b>591.43</b>	3428-160 <b>641.51</b>	---

**Cross (Soc x Soc x Soc x Soc)**

	<b>4X2</b>	---	320-103280 <b>55.34</b>	330-103280 <b>83.04</b>	---	---
	<b>4X3</b>	---	320-103281 <b>60.86</b>	330-103281 <b>85.81</b>	---	---
	<b>6</b>	310-103286 <b>91.87</b>	320-103286 <b>159.44</b>	330-103286 <b>180.48</b>	340-103286 <b>372.21</b>	350-103286 <b>408.67</b>
	<b>6X2</b>	310-103283 <b>63.12</b>	320-103283 <b>68.66</b>	330-103283 <b>91.87</b>	340-103283 <b>272.83</b>	350-103283 <b>275.04</b>
	<b>6X3</b>	310-103284 <b>71.96</b>	320-103284 <b>86.35</b>	330-103284 <b>115.19</b>	340-103284 <b>283.86</b>	350-103284 <b>289.37</b>
	<b>6X4</b>	310-103285 <b>77.51</b>	320-103285 <b>97.40</b>	330-103285 <b>131.72</b>	340-103285 <b>305.96</b>	350-103285 <b>328.06</b>
	<b>8</b>	310-103291 <b>119.55</b>	320-103291 <b>207.09</b>	330-103291 <b>251.35</b>	340-103291 <b>561.10</b>	350-103291 <b>599.78</b>
	<b>8X2</b>	310-103287 <b>80.81</b>	320-103287 <b>102.96</b>	330-103287 <b>115.19</b>	340-103287 <b>350.16</b>	350-103287 <b>355.51</b>
	<b>8X3</b>	310-103288 <b>86.35</b>	320-103288 <b>115.19</b>	330-103288 <b>126.19</b>	340-103288 <b>361.17</b>	350-103288 <b>399.85</b>
	<b>8X4</b>	310-103289 <b>98.53</b>	320-103289 <b>131.72</b>	330-103289 <b>151.66</b>	340-103289 <b>386.57</b>	350-103289 <b>421.91</b>
	<b>8X6</b>	310-103290 <b>108.49</b>	320-103290 <b>160.56</b>	330-103290 <b>190.45</b>	340-103290 <b>450.67</b>	350-103290 <b>483.80</b>
	<b>10</b>	310-103297 <b>193.77</b>	320-103297 <b>308.91</b>	330-103297 <b>434.05</b>	340-103297 <b>927.83</b>	350-103297 <b>989.36</b>
	<b>10X2</b>	310-103292 <b>98.53</b>	320-103292 <b>142.79</b>	330-103292 <b>169.40</b>	340-103292 <b>542.33</b>	350-103292 <b>588.76</b>
	<b>10X3</b>	310-103293 <b>108.49</b>	320-103293 <b>161.64</b>	330-103293 <b>203.71</b>	340-103293 <b>550.06</b>	350-103293 <b>603.06</b>
	<b>10X4</b>	310-103294 <b>119.55</b>	320-103294 <b>180.48</b>	330-103294 <b>230.31</b>	340-103294 <b>597.54</b>	350-103294 <b>632.91</b>
	<b>10X6</b>	310-103295 <b>132.86</b>	320-103295 <b>200.41</b>	330-103295 <b>267.96</b>	340-103295 <b>667.15</b>	350-103295 <b>705.82</b>
	<b>10X8</b>	310-103296 <b>151.66</b>	320-103296 <b>245.81</b>	330-103296 <b>333.30</b>	340-103296 <b>750.01</b>	350-103296 <b>803.01</b>
	<b>12</b>	310-103304 <b>302.28</b>	320-103304 <b>476.11</b>	330-103304 <b>700.91</b>	340-103304 <b>1374.07</b>	350-103304 <b>1588.34</b>
	<b>12X2</b>	310-103298 <b>140.64</b>	320-103298 <b>188.23</b>	330-103298 <b>274.59</b>	340-103298 <b>689.27</b>	350-103298 <b>694.74</b>
	<b>12X3</b>	310-103299 <b>153.87</b>	320-103299 <b>217.02</b>	330-103299 <b>285.67</b>	340-103299 <b>725.83</b>	350-103299 <b>763.39</b>
	<b>12X4</b>	310-103300 <b>163.86</b>	320-103300 <b>259.50</b>	330-103300 <b>319.99</b>	340-103300 <b>819.56</b>	350-103300 <b>832.84</b>
	<b>12X6</b>	310-103301 <b>172.70</b>	320-103301 <b>270.16</b>	330-103301 <b>367.61</b>	340-103301 <b>900.20</b>	350-103301 <b>916.79</b>
	<b>12X8</b>	310-103302 <b>199.30</b>	320-103302 <b>315.56</b>	330-103302 <b>431.85</b>	340-103302 <b>1005.12</b>	350-103302 <b>1027.27</b>
	<b>12X10</b>	310-103303 <b>238.02</b>	320-103303 <b>391.95</b>	330-103303 <b>548.10</b>	340-103303 <b>1152.02</b>	350-103303 <b>1194.01</b>

**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Cross (Soc x Soc x Soc x Soc) (continued)**

	<b>15</b>	310-103321* <b>513.79</b>	---	---	---	---
	<b>15X2</b>	310-103313** <b>221.44</b>	---	---	---	---
	<b>15X3</b>	310-103314** <b>249.16</b>	---	---	---	---
	<b>15X4</b>	310-103315** <b>274.59</b>	---	---	---	---
	<b>15X6</b>	310-103316** <b>314.48</b>	---	---	---	---
	<b>15X8</b>	310-103317** <b>343.24</b>	---	---	---	---
	<b>15X10</b>	310-103318** <b>372.03</b>	---	---	---	---
	<b>15X12</b>	310-103319** <b>411.93</b>	---	---	---	---

\* 15" PIP O.D.  
 \*\* 15" PIP O.D. x IPS

**Cross (Gasket x Gasket x Gasket x Gasket)**

	<b>4</b>	---	320-103997 <b>193.77</b>	330-103997 <b>210.39</b>	340-103997 <b>263.00</b>	350-103997 <b>284.04</b>
	<b>6</b>	---	320-104001 <b>225.86</b>	330-104001 <b>283.44</b>	340-104001 <b>472.72</b>	350-104001 <b>599.78</b>
	<b>6X4</b>	---	320-104000 <b>204.85</b>	330-104000 <b>260.20</b>	340-104000 <b>372.21</b>	350-104000 <b>467.20</b>
	<b>8</b>	---	320-104006 <b>369.84</b>	330-104006 <b>423.00</b>	340-104006 <b>733.44</b>	350-104006 <b>911.28</b>
	<b>8X4</b>	---	320-104004 <b>276.81</b>	330-104004 <b>321.09</b>	340-104004 <b>508.04</b>	350-104004 <b>610.81</b>
	<b>8X6</b>	---	320-104005 <b>332.16</b>	330-104005 <b>365.37</b>	340-104005 <b>609.71</b>	350-104005 <b>711.32</b>
	<b>10</b>	---	320-104012 <b>555.87</b>	330-104012 <b>735.28</b>	340-104012 <b>1221.63</b>	350-104012 <b>1360.80</b>
	<b>10X4</b>	---	320-104009 <b>387.54</b>	330-104009 <b>470.60</b>	340-104009 <b>660.51</b>	350-104009 <b>788.67</b>
	<b>10X6</b>	---	320-104010 <b>442.89</b>	330-104010 <b>487.21</b>	340-104010 <b>808.54</b>	350-104010 <b>900.20</b>
	<b>10X8</b>	---	320-104011 <b>498.29</b>	330-104011 <b>636.71</b>	340-104011 <b>994.11</b>	350-104011 <b>1027.27</b>
	<b>12</b>	---	320-104019 <b>754.06</b>	330-104019 <b>1032.04</b>	340-104019 <b>1702.11</b>	350-104019 <b>1916.39</b>
	<b>12X4</b>	---	320-104015 <b>553.65</b>	330-104015 <b>609.03</b>	340-104015 <b>968.66</b>	350-104015 <b>1111.17</b>
	<b>12X6</b>	---	320-104016 <b>609.03</b>	330-104016 <b>642.23</b>	340-104016 <b>1110.70</b>	350-104016 <b>1185.18</b>
	<b>12X8</b>	---	320-104017 <b>664.37</b>	330-104017 <b>752.97</b>	340-104017 <b>1253.63</b>	350-104017 <b>1281.28</b>
	<b>12X10</b>	---	320-104018 <b>708.69</b>	330-104018 <b>907.99</b>	340-104018 <b>1469.07</b>	350-104018 <b>1499.99</b>

**Surface Reducer (Soc)**

	<b>6X2</b>	310-102013 <b>30.99</b>	---	330-102013 <b>44.27</b>	---	---
	<b>6X3</b>	310-102015 <b>30.99</b>	---	330-102015 <b>44.27</b>	---	---
	<b>6X4</b>	310-102016 <b>30.99</b>	---	---	---	---
	<b>8X2</b>	310-102018 <b>42.02</b>	---	330-102018 <b>88.59</b>	---	---
	<b>8X3</b>	310-102020 <b>42.02</b>	---	330-102020 <b>88.59</b>	---	---
	<b>8X4</b>	310-102021 <b>42.02</b>	---	330-102021 <b>88.59</b>	---	---
	<b>8X6</b>	310-102022 <b>42.02</b>	---	3340-585 <b>88.59</b>	---	---
	<b>10X2</b>	310-102024 <b>67.52</b>	---	330-102024 <b>138.41</b>	---	---
	<b>10X3</b>	310-102026 <b>67.52</b>	---	330-102026 <b>138.41</b>	---	---
	<b>10X4</b>	310-102027 <b>67.52</b>	---	330-102027 <b>138.41</b>	---	---
	<b>10X6</b>	310-102028 <b>67.52</b>	---	330-102028 <b>138.41</b>	---	---



**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code: 340	Disc Code: 350	Disc Code: 360	Disc Code: 370	Disc Code: 380
		Part Number	Part Number	Part Number	Part Number	Part Number
		Price Each	Price Each	Price Each	Price Each	Price Each

**Surface Reducer (Soc) (continued)**

	<b>10X8</b>	310-102029 <b>67.52</b>	---	330-102029 <b>138.41</b>	---	---
	<b>12X2</b>	310-102031 <b>83.04</b>	---	330-102031 <b>249.16</b>	---	---
	<b>12X3</b>	310-102033 <b>83.04</b>	---	330-102033 <b>249.16</b>	---	---
	<b>12X4</b>	310-102034 <b>83.04</b>	---	330-102034 <b>249.16</b>	---	---
	<b>12X6</b>	310-102035 <b>83.04</b>	---	330-102035 <b>249.16</b>	---	---
	<b>12X8</b>	310-102036 <b>83.04</b>	---	330-102036 <b>249.16</b>	---	---
	<b>12X10</b>	310-102037 <b>83.04</b>	---	330-102037 <b>249.16</b>	---	---

**Cap (Soc)**

	<b>6</b>	310-107540 <b>21.04</b>	---	330-107540 <b>40.95</b>	---	---
	<b>8</b>	310-107541 <b>38.73</b>	---	330-107541 <b>53.13</b>	---	---
	<b>10</b>	310-107542 <b>66.43</b>	---	330-107542 <b>85.26</b>	---	---
	<b>12</b>	310-107543 <b>81.31</b>	---	330-107543 <b>163.86</b>	---	---

**Cap (Gasket)**

	<b>4</b>	---	---	330-107565 <b>74.71</b>	---	---
	<b>6</b>	---	---	330-107566 <b>106.27</b>	---	---
	<b>8</b>	---	---	330-107567 <b>180.48</b>	---	---
	<b>10</b>	---	---	330-107568 <b>291.18</b>	---	---
	<b>12</b>	---	---	330-107569 <b>439.59</b>	---	---

**Saddle (Soc)**

	<b>6</b>	310-101937 <b>29.90</b>	---	---	---	---
	<b>6X2</b>	310-101789 <b>23.22</b>	---	330-101789 <b>66.43</b>	---	---
	<b>6X3</b>	310-101797 <b>25.43</b>	---	330-101797 <b>77.51</b>	---	---
	<b>6X4</b>	310-101804 <b>28.74</b>	---	330-101804 <b>88.59</b>	---	---
	<b>8</b>	310-101938 <b>44.27</b>	---	---	---	---
	<b>8X2</b>	310-101790 <b>23.22</b>	---	330-101790 <b>66.43</b>	---	---
	<b>8X3</b>	310-101798 <b>25.43</b>	---	330-101798 <b>77.51</b>	---	---
	<b>8X4</b>	310-101805 <b>28.74</b>	---	330-101805 <b>88.59</b>	---	---
	<b>8X6</b>	310-101811 <b>29.90</b>	---	330-101811 <b>99.66</b>	---	---
	<b>10</b>	310-101939 <b>68.66</b>	---	---	---	---
	<b>10X2</b>	310-101791 <b>23.22</b>	---	330-101791 <b>66.43</b>	---	---
	<b>10X3</b>	310-101799 <b>25.43</b>	---	330-101799 <b>77.51</b>	---	---
	<b>10X4</b>	310-101806 <b>28.74</b>	---	330-101806 <b>88.59</b>	---	---
	<b>10X6</b>	310-101812 <b>29.90</b>	---	330-101812 <b>99.66</b>	---	---
	<b>10X8</b>	310-101817 <b>44.27</b>	---	330-101817 <b>110.71</b>	---	---
	<b>12</b>	310-101940 <b>102.71</b>	---	---	---	---
	<b>12X2</b>	310-101792 <b>31.14</b>	---	330-101792 <b>66.43</b>	---	---

**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code: 340	Disc Code: 350	Disc Code: 360	Disc Code: 370	Disc Code: 380
		Part Number	Part Number	Part Number	Part Number	Part Number
		Price Each	Price Each	Price Each	Price Each	Price Each

**Saddle (Soc) (continued)**

	<b>12X3</b>	310-101800 25.43	---	330-101800 77.51	---	---
	<b>12X4</b>	310-101807 28.74	---	330-101807 88.59	---	---
	<b>12X6</b>	310-101813 29.90	---	330-101813 99.66	---	---
	<b>12X8</b>	310-101818 44.27	---	330-101818 110.71	---	---
	<b>12X10</b>	310-101822 68.66	---	330-101822 121.79	---	---

**Stub Saddle (Soc)**

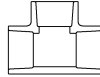
	<b>6</b>	310-101949 48.69	---	---	---	---
	<b>6X2</b>	310-101884 32.07	---	330-101884 58.65	---	---
	<b>6X3</b>	310-101892 37.66	---	330-101892 64.19	---	---
	<b>6X4</b>	310-101899 43.19	---	330-101899 71.96	---	---
	<b>8</b>	310-101950 66.43	---	---	---	---
	<b>8X2</b>	310-101885 32.07	---	330-101885 58.65	---	---
	<b>8X3</b>	310-101893 37.66	---	330-101893 64.19	---	---
	<b>8X4</b>	310-101900 43.19	---	330-101900 71.96	---	---
	<b>8X6</b>	310-101906 48.69	---	330-101906 87.45	---	---
	<b>10</b>	310-101951 91.87	---	---	---	---
	<b>10X2</b>	310-101886 32.07	---	330-101886 58.65	---	---
	<b>10X3</b>	310-101894 37.66	---	330-101894 64.19	---	---
	<b>10X4</b>	310-101901 43.19	---	330-101901 71.96	---	---
	<b>10X6</b>	310-101907 48.69	---	330-101907 87.45	---	---
	<b>10X8</b>	310-101912 66.43	---	330-101912 100.73	---	---
	<b>12</b>	310-101952 115.19	---	---	---	---
	<b>12X2</b>	310-101887 32.07	---	330-101887 58.65	---	---
	<b>12X3</b>	310-101895 37.66	---	330-101895 64.19	---	---
	<b>12X4</b>	310-101902 43.19	---	330-101902 83.07	---	---
	<b>12X6</b>	310-101908 48.69	---	330-101908 87.45	---	---
<b>12X8</b>	310-101913 66.43	---	330-101913 100.73	---	---	
<b>12X10</b>	310-101917 91.87	---	330-101917 106.27	---	---	



**Turf & Irrigation**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee, Class 125 Molded**



12501-100	<b>10</b>	1	0	361	359.77
12501-120	<b>12</b>	1	0	361	539.62

**90° Elbow, Class 125 Molded**



12506-100	<b>10</b>	1	0	361	301.77
12506-120	<b>12</b>	1	0	361	461.55

**45° Elbow, Class 125 Molded**



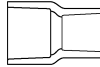
12517-100	<b>10</b>	1	0	361	192.89
12517-120	<b>12</b>	1	0	361	282.84

**Coupling, Class 125 Molded**



12529-100	<b>10</b>	1	0	361	93.47
12529-120	<b>12</b>	1	0	361	150.33

**Reducer Coupling, Class 125 Molded**



12529-626	<b>10X6</b>	2	0	361	155.84
12529-628	<b>10X8</b>	4	0	361	97.05
12529-668	<b>12X8</b>	2	0	361	231.88
12529-670	<b>12X10</b>	2	0	361	184.60

**Reducer Bushing, Class 125 Molded**



12537-626	<b>10X6</b>	1	2	361	147.94
12537-628	<b>10X8</b>	4	0	361	147.94
12537-668	<b>12X8</b>	1	2	361	266.31
12537-670	<b>12X10</b>	1	2	361	264.70

## Barbed Insert Fittings Barbed Insert Fittings



### STANDARDS & SPECIFICATIONS

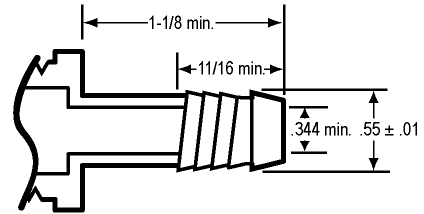


**ASTM D 2609** Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe.

**Material** Spears® Insert Fittings are produced from PVC Type 1, Cell Classification 12454, CPVC Cell Classification 23447 or Polypropylene (PP).

It is the user's responsibility to determine the suitability for the intended service application.

### Dimensions of Spiral Barb Ends

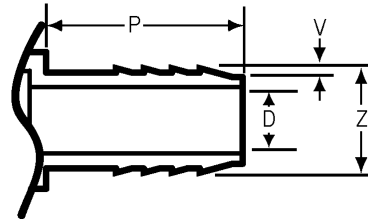


### Dimensions of Polyethylene Pipe ASTM D 2104 and D 2239

Spears® Manufacturing Company Insert Fittings are designed for use with polyethylene pipe produced with average inside diameter as shown in the chart below.

Nominal Size in.	Average I.D. in.	Tolerance in.
1/2	.622	+0.010 -0.010
3/4	.824	+0.010 -0.015
1	1.049	+0.010 -0.020
1-1/4	1.380	+0.010 -0.020
1-1/2	1.610	+0.015 -0.020
2	2.067	+0.015 -0.020
2-1/2	2.469	+0.010 -0.025
3	3.068	+0.015 -0.030
4	4.026	+0.015 -0.035

### Dimensions of Insert Ends ASTM D 2609



Nominal Size in.	Insert Length "P" min.	Barb O.D. "Z"		Barb Depth "V" min.	Inside Diameter "D" min.
		max.	min.		
1/2	1-1/4	0.665	0.635	0.015	0.406
3/4	1-1/4	0.865	0.835	0.015	0.562
1	1-1/4	1.095	1.065	0.02	0.75
1-1/4	1-1/4	1.425	1.395	0.025	0.995
1-1/2	1-1/2	1.665	1.63	0.03	1.125
2	1-1/2	2.125	2.085	0.03	1.656
2-1/2	2	2.52	2.487	0.03	2.062
3	2-1/8	3.125	3.086	0.03	2.6
4	3	4.09	4.044	0.03	3.525

### INSERT FITTING INSTALLATION

Pipe is cut to length with handsaw or knife. When installing flexible lines, (a) snake line one foot or more per 100 lineal feet, (b) cold water should be run through lines prior to backfilling to permit pipe to contract, (c) care should be taken to prevent large and sharp-edged rocks from being in position to crush pipe. Insert fittings are used to join lengths of flexible pipe. Stainless steel clamps are first slipped over ends of pipe, fitting is inserted and steel clamps are tightened securely over barbs on fittings. DO NOT use oil or detergent on any fittings. Use plain water or soapy water as lubricant on fitting. For attachment to previously installed metallic systems or threaded fixtures, the insert adapter is utilized. Apply thread sealant to the threaded end of adapter and tighten into female connection. Steel clamp is then slipped over pipe end and pipe slipped over serrated end of insert adapter. Steel clamp is then positioned over serrations on insert adapter and securely tightened with a screwdriver.

### SPIRAL BARB FITTING INSTALLATION

Spiral Barb fittings are designed for use with 1/2" (.490) polyethylene irrigation hose and do not require steel clamps. Install with a twisting motion to fully engage barbs.



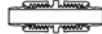


## Barbed Insert Fittings Barbed Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Twist Lock Coupling

Loc Insert x Loc Insert

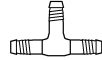


Requires NO Clamps

1429TL-005	1/2	50	600	140	5.68
1429TL-007	3/4	50	600	140	6.91
1429TL-010	1	50	400	140	8.22

### PVC Spiral Barb Tee

Spiral Barb

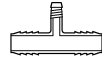


3/8" Spiral Barb accepts .490 Irrigation Pipe.

1401-003	3/8	50	800	140	1.72
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### PVC Spiral Barb Tee

Insert x Insert x Spiral Barb

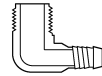


3/8" Spiral Barb accepts .490 Irrigation Pipe.

1401-099	3/4X3/8	25	450	140	3.13
1401-129	1X3/8	25	200	140	3.40

### PP Spiral Barb 90° EII

Mipt x Spiral Barb



3/8" Spiral Barb accepts .490 Irrigation Pipe.

1413-073	1/2X3/8	50	200	140	1.23
1413-099	3/4X3/8	50	200	140	1.23

### PVC Spiral Barb Coupling

Spiral Barb x Spiral Barb



3/8" Spiral Barb accepts .490 Irrigation Pipe.

1429-003	3/8	50	300	140	1.85
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### PVC Spiral Barb Coupling

Insert x Spiral Barb

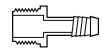


3/8" Spiral Barb accepts .490 Irrigation Pipe.

1429-099	3/4X3/8	50	600	140	2.02
1429-129	1X3/8	50	200	140	2.16

### PP Spiral Barb Male Adapter

Mipt x Spiral Barb



3/8" Spiral Barb accepts .490 Irrigation Pipe.

1436-073	1/2X3/8	50	300	140	1.23
1436-099	3/4X3/8	50	300	140	1.23

### PVC Tee

Insert x Insert x Insert



1401-005	1/2	50	400	140	2.00
1401-007	3/4	50	0	140	2.17
1401-010	1	25	150	140	2.82
1401-012	1-1/4	10	80	140	4.41
1401-015	1-1/2	10	0	140	5.00
1401-020	2	10	0	140	9.86

### PVC Reducing Tee

Insert x Insert x Insert



1401-074	1/2X3/4	25	400	140	5.41
1401-094	3/4X1/2X1/2	25	300	140	2.71
1401-101	3/4X1/2	25	150	140	2.45

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Reducing Tee (continued)

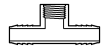
Insert x Insert x Insert

1401-102	3/4X1	25	275	140	6.23
1401-124	1X3/4X1/2	25	200	140	3.94
1401-125	1X3/4X3/4	25	200	140	4.68
1401-130	1X1/2	25	200	140	2.87
1401-131	1X3/4	25	200	140	2.90
1401-132	1X1-1/4	25	0	140	8.70
1401-156	1-1/4X1X1/2	25	0	140	5.38
1401-157	1-1/4X1X3/4	25	0	140	5.38
1401-158	1-1/4X1X1	25	0	140	5.38
1401-166	1-1/4X1/2	25	0	140	3.78
1401-167	1-1/4X3/4	25	0	140	3.78
1401-168	1-1/4X1	25	0	140	3.78
1401-201	1-1/2X1-1/4X3/4	10	80	140	6.77
1401-202	1-1/2X1-1/4X1	10	80	140	6.77
1401-203	1-1/2X1-1/4X1-1/4	10	0	140	6.77
1401-209	1-1/2X1/2	10	80	140	6.59
1401-210	1-1/2X3/4	10	80	140	6.59
1401-211	1-1/2X1	10	80	140	6.59
1401-212	1-1/2X1-1/4	10	0	140	6.59
1401-241	2X1-1/2X1-1/2	10	0	140	8.70
1401-247	2X1/2	10	0	140	9.38
1401-248	2X3/4	10	0	140	9.38
1401-249	2X1	10	0	140	9.38
1401-250	2X1-1/4	10	0	140	9.82
1401-251	2X1-1/2	10	0	140	10.11
1401-335*	3X1	5	0	140	104.88
1401-338*	3X2	5	0	140	115.59

\* Fabricated

### PVC Tee

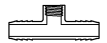
Insert x Insert x Fipt



1402-005	1/2	50	400	140	2.17
1402-007	3/4	50	0	140	3.27
1402-010	1	25	0	140	3.85
1402-012	1-1/4	10	0	140	5.65
1402-015	1-1/2	10	0	140	9.82
1402-020	2	10	0	140	12.18

### PVC Reducing Tee

Insert x Insert x Fipt



1402-094	3/4X1/2X1/2	25	200	140	3.54
1402-101	3/4X1/2	25	150	140	2.71
1402-124	1X3/4X1/2	25	200	140	4.43
1402-125	1X3/4X3/4	25	0	140	5.28
1402-130	1X1/2	25	200	140	3.55
1402-131	1X3/4	25	200	140	3.55
1402-156	1-1/4X1X1/2	25	0	140	6.55
1402-157	1-1/4X1X3/4	25	0	140	7.66
1402-166	1-1/4X1/2	25	0	140	4.85
1402-167	1-1/4X3/4	25	0	140	5.35
1402-168	1-1/4X1	25	0	140	5.65
1402-199	1-1/2X1-1/4X1/2	25	0	140	10.31
1402-201	1-1/2X1-1/4X3/4	10	0	140	11.48
1402-202	1-1/2X1-1/4X1	10	0	140	13.13
1402-209	1-1/2X1/2	10	80	140	7.46
1402-210	1-1/2X3/4	10	80	140	8.83
1402-211	1-1/2X1	10	0	140	8.83
1402-212	1-1/2X1-1/4	10	0	140	9.05
1402-247	2X1/2	10	0	140	10.00
1402-248	2X3/4	10	0	140	10.56
1402-249	2X1	10	0	140	11.63
1402-251	2X1-1/2	10	0	140	12.18

## Barbed Insert Fittings Barbed Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Tee

Insert x Insert x Mipt



1403-005	1/2	50	500	140	2.77
1403-007	3/4	50	0	140	3.78
1403-010	1	25	0	140	4.85
1403-012	1-1/4	10	80	140	6.31
1403-015	1-1/2	10	0	140	7.06
1403-020	2	10	0	140	10.98

### PVC Reducing Tee

Insert x Insert x Mipt



1403-130	1X1X1/2	25	200	140	4.63
1403-131	1X1X3/4	25	0	140	4.63

### PVC Tee

Insert x Insert x Socket



1404-010	1	25	0	140	3.85
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### PVC Reducing Tee

Insert x Insert x Socket



1404-102	3/4X3/4X1	100	0	140	6.23
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### PVC Side Outlet Tee

Insert x Insert x Insert x Fipt



1416-007	3/4X3/4	50	0	140	6.80
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### PVC Reducing Side Outlet Tee

Insert x Insert x Insert x Fipt



1416-101	3/4X1/2	50	0	140	6.80
1416-130	1X1/2	50	0	140	7.24
1416-131	1X3/4	50	0	140	7.24

### PVC 90° EII

Insert x Insert



1406-005	1/2	50	1000	140	1.83
1406-007	3/4	50	400	140	2.24
1406-010	1	25	200	140	2.48
1406-012	1-1/4	10	180	140	2.77
1406-015	1-1/2	10	80	140	3.27
1406-020	2	10	0	140	4.56
1406-025	2-1/2	10	0	140	20.59
1406-040*	4	2	0	140	68.15

\* Assembled

### PVC 90° Reducing EII

Insert x Insert



1406-101	3/4X1/2	25	300	140	2.12
1406-131	1X3/4	25	300	140	2.60
1406-168	1-1/4X1	25	0	140	3.85
1406-212	1-1/2X1-1/4	10	80	140	4.56
1406-251	2X1-1/2	10	0	140	5.02

### PVC 90° EII

Insert x Fipt



1407-005	1/2	50	400	140	2.06
1407-007	3/4	50	0	140	2.24

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC 90° EII (continued)

Insert x Fipt

1407-010	1	25	0	140	2.87
1407-012	1-1/4	10	140	140	4.26
1407-015	1-1/2	10	0	140	4.85
1407-020	2	10	0	140	8.19

### PVC 90° Reducing EII

Insert x Fipt



1407-074	1/2X3/4	50	400	140	2.12
1407-101	3/4X1/2	50	400	140	2.12
1407-130	1X1/2	25	300	140	2.24
1407-131	1X3/4	25	200	140	2.60
1407-166	1-1/4X1/2	25	200	140	3.85
1407-167	1-1/4X3/4	25	250	140	3.85
1407-168	1-1/4X1	25	0	140	3.85
1407-211	1-1/2X1	10	80	140	4.38
1407-212	1-1/2X1-1/4	10	80	140	4.76
1407-251	2X1-1/2	10	0	140	7.77

### PVC 90° EII

Insert x Mipt



1413-005	1/2	50	600	140	2.30
1413-007	3/4	50	400	140	3.18
1413-010	1	25	200	140	4.18
1413-012	1-1/4	10	120	140	5.56
1413-015	1-1/2	10	80	140	7.38
1413-015H	1-1/2	10	80	140	7.38
1413-020	2	10	0	140	11.65

### PVC 90° Reducing EII

Insert x Mipt



1413-055	3/8X3/4	50	200	140	2.48
1413-101	3/4X1/2	50	300	140	3.98
1413-130	1X1/2	50	400	140	4.53
1413-131	1X3/4	50	0	140	4.86

### PVC 90° Side Outlet EII

Insert x Insert x Fipt



1414-101	3/4X3/4X1/2	50	0	140	5.28
1414-130	1X1X1/2	25	200	140	5.67
1414-131	1X3/4	50	0	140	5.67

### PVC Cross

Insert



1420-005	1/2	50	0	140	3.87
1420-007	3/4	25	150	140	5.24
1420-010	1	25	0	140	6.52

### PVC Coupling

Insert x Insert



1429-005	1/2	50	600	140	.93
1429-007	3/4	50	600	140	1.12
1429-010	1	50	400	140	1.17
1429-012	1-1/4	25	200	140	1.73
1429-015	1-1/2	25	0	140	2.05
1429-020	2	25	0	140	3.88
1429-025	2-1/2	10	0	140	10.05
1429-030	3	10	0	140	17.07
1429-040	4	10	0	140	23.24

Made in the U.S.A.

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Progressive Products from Spears® Innovation and Technology

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## Barbed Insert Fittings Barbed Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Coupling (continued)

#### Insert x Insert

1429-060	6	8	0	140	65.85
1429-080*	8	4	0	140	142.56

\* Fabricated

### PVC Reducer Coupling

#### Insert x Insert



1429-101	3/4X1/2	50	600	140	1.52
1429-130	1X1/2	50	400	140	2.09
1429-131	1X3/4	50	400	140	1.56
1429-1315	1X7/8	50	400	140	3.19
1429-167	1-1/4X3/4	25	300	140	3.19
1429-168	1-1/4X1	25	200	140	2.48
1429-210	1-1/2X3/4	25	275	140	3.88
1429-211	1-1/2X1	25	200	140	3.73
1429-212	1-1/2X1-1/4	25	0	140	2.90
1429-249	2X1	10	80	140	5.28
1429-250	2X1-1/4	10	80	140	4.91
1429-251	2X1-1/2	10	80	140	4.67
1429-291	2-1/2X1-1/2	10	0	140	13.37
1429-338*	3X2	12	0	140	37.80
1429-422	4X3	18	0	140	66.45
1429-532	6X4	8	0	140	75.59

\* Fabricated

### Insert Adapter (White PVC)

#### Insert x I.P.S. Spigot



460-005	1/2	50	300	040	2.15
460-007	3/4	50	200	040	2.82
460-007N	3/4X3/4X1/2	50	200	040	2.82
460-010	1	50	0	040	2.95
460-012	1-1/4	20	160	040	3.04
460-012N	1-1/4X1-1/4X1	20	160	040	3.04
460-015	1-1/2	25	0	040	3.27
460-020	2	10	0	040	5.43
460-030	3	25	0	040	18.34
460-040	4	10	0	040	21.13
460-131N	3/4X1X3/4	20	160	040	3.29
460-132N	1X1-1/4X1	20	160	040	3.55
1432-060	6	8	0	140	90.83
1432-080*	8	4	0	140	180.33

N = Nesting

\* Fabricated

### Insert Adapter (PVC Gray)

#### Insert x I.P.S. Spigot



460-005G	1/2	50	300	043	2.38
460-007G	3/4	50	200	043	3.14
460-010G	1	50	0	043	3.27
460-012G	1-1/4	20	160	043	3.38
460-015G	1-1/2	25	0	043	3.63
460-020G	2	10	0	043	6.04

### Insert Adapter 90° Ell (White PVC)

#### Insert x I.P.S. Spigot



460A-015	1-1/2	10	80	040	6.49
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### Insert Adapter (White PVC)

#### Insert x Soc



474-005	1/2	50	600	040	1.96
474-007	3/4	50	400	040	2.35

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Insert Adapter (White PVC) (continued)

#### Insert x Soc

474-010	1	50	0	040	2.49
474-012	1-1/4	25	0	040	3.95
474-015	1-1/2	25	0	040	4.38
474-020	2	25	0	040	8.11
474-030	3	15	0	040	24.18
474-040	4	15	0	040	27.64

### Insert Adapter (PVC Gray)

#### Insert x Soc



474-005G	1/2	50	600	043	2.17
474-007G	3/4	50	400	043	2.62
474-010G	1	50	0	043	2.77
474-012G	1-1/4	25	0	043	4.39
474-015G	1-1/2	25	0	043	4.55
474-020G	2	25	0	043	9.01

### PVC Female Adapter

#### Fipt x Insert



1435-005	1/2	50	300	140	4.07
1435-007	3/4	50	400	140	4.43
1435-010	1	50	0	140	4.91
1435-012	1-1/4	25	0	140	6.03
1435-015	1-1/2	25	0	140	7.66
1435-020	2	10	0	140	9.73

### CPVC Female Adapter

#### Fipt x Insert



1435-005C	1/2	50	300	143	4.63
1435-007C	3/4	50	400	143	6.32
1435-010C	1	50	0	143	7.18
1435-012C	1-1/4	25	0	143	7.88
1435-015C	1-1/2	25	0	143	9.95
1435-020C	2	10	0	143	13.03

### Special Reinforced PVC Female Adapter

#### SR Fipt x Insert



1435-005SR	1/2	50	400	142	5.44
1435-007SR	3/4	50	400	142	6.43
1435-010SR	1	50	0	142	7.67

### PVC Reducing Female Adapter

#### Fipt x Insert



1435-074	1/2X3/4	50	500	140	5.67
1435-102	3/4X1	50	0	140	5.86

### PVC Male Adapter

#### Mipt x Insert



1436-005	1/2	50	600	140	.91
1436-007	3/4	50	400	140	1.12
1436-010	1	50	0	140	1.16
1436-012	1-1/4	20	160	140	1.83
1436-015	1-1/2	25	0	140	2.05
1436-020	2	10	0	140	3.93
1436-025	2-1/2	10	0	140	16.15
1436-030	3	10	0	140	18.63
1436-040	4	10	0	140	25.90
1436-060*	6	4	0	140	131.43

\* Fabricated

## Barbed Insert Fittings Barbed Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC Male Adapter Mipt x Insert



1436-005C	1/2	1400	0	143	1.32
1436-007C	3/4	50	400	143	1.61
1436-010C	1	50	0	143	1.65
1436-012C	1-1/4	20	160	143	2.48
1436-015C	1-1/2	25	0	143	2.95
1436-020C	2	10	0	143	5.62
1436-030C	3	10	0	143	25.43
1436-040C	4	10	0	143	39.31

### PVC Reducing Male Adapter Mipt x Insert



1436-074	1/2X3/4	50	300	140	2.90
1436-075	1/2X1	50	200	140	3.01
1436-101	3/4X1/2	50	600	140	2.62
1436-102	3/4X1	50	400	140	3.01
1436-131	1X3/4	50	0	140	2.71
1436-132	1X1-1/4	25	200	140	3.66
1436-133	1X1-1/2	25	0	140	5.51
1436-167	1-1/4X3/4	25	200	140	3.19
1436-168	1-1/4X1	25	200	140	3.43
1436-169	1-1/4X1-1/2	10	120	140	5.51
1436-211	1-1/2X1	25	0	140	4.18
1436-212	1-1/2X1-1/4	25	0	140	4.18
1436-213	1-1/2X2	10	80	140	7.09
1436-251	2X1-1/2	10	80	140	7.03

### PVC Female Hose Adapter Female Hose Thread x Insert



1435-007FHT	3/4	50	400	140	5.28
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### PVC Male Hose Adapter Male Hose Thread x Insert



1436-007MHT	3/4	50	400	140	2.73
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### PVC Reducing Male Hose Adapter Male Hose Thread x Insert



1436-101MHT	3/4X1/2	50	600	140	2.60
1436-102MHT	3/4X1	50	400	140	2.98

### PVC Pool Adapter Mipt x Hose ID



Not NSF Approved

1436-204	1-1/2X1-1/2X1-1/4	25	0	140	5.24
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### PP Pool Adapter Mipt x Hose ID



Not NSF Approved

1436-204P	1-1/2X1-1/2X1-1/4	25	0	140	5.24
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### PVC Plug Insert



1449-005	1/2	100	600	140	1.66
1449-007	3/4	100	1200	140	1.73
1449-010	1	50	600	140	2.34
1449-012	1-1/4	25	300	140	2.97

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Plug (continued) Insert

1449-015	1-1/2	25	300	140	3.23
1449-020	2	10	120	140	5.69



## Nipples PVC, CPVC & PE Nipples

### PVC Schedule 80 Nipple

Diameter ⇨	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"	10"	12"	
Diameter Code ⇨	879	880	881	882	883	884	885	886	887	888	889	890	892	893	894	895	
Length ↓	Length Code ↓	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	Disc Code 120	
CL	-005	.97	.89	.89	1.05	1.12	1.48	2.16	2.36	3.10	10.61	12.67	20.70	22.71	62.82	72.10	78.31
1-1/2	-015	1.12	.97	.89	1.05	1.12	---	---	---	---	---	---	---	---	---	---	---
2	-020	1.27	.97	1.12	1.12	1.12	1.65	2.22	2.60	---	---	---	---	---	---	---	---
2-1/2	-025	1.34	1.43	1.56	1.12	1.27	1.73	2.22	2.76	3.65	---	---	---	---	---	---	---
3	-030	1.34	1.43	1.56	1.27	1.27	1.88	2.52	2.97	3.70	12.09	13.82	---	---	---	---	---
3-1/2	-035	1.48	1.91	2.22	1.27	1.43	2.01	2.89	3.30	4.31	13.82	16.15	21.07	---	---	---	---
4	-040	1.48	1.91	2.22	1.43	1.48	2.16	2.89	3.30	4.31	13.82	16.15	21.71	---	---	---	---
4-1/2	-045	1.67	2.22	2.41	1.48	1.73	2.36	3.30	3.95	5.12	15.64	18.47	23.41	32.19	71.91	85.87	---
5	-050	1.67	2.22	2.41	1.65	1.73	2.60	3.30	3.95	5.12	15.64	18.47	24.35	35.33	74.96	90.07	107.64
5-1/2	-055	1.91	2.41	2.60	1.65	1.88	2.89	3.70	4.44	5.54	17.61	20.70	25.87	38.51	77.99	95.04	113.96
6	-060	1.91	2.41	2.60	1.73	2.16	2.97	3.70	4.44	5.54	17.61	20.70	27.07	42.02	81.03	99.63	120.26
7	-070	2.22	2.52	2.76	2.01	2.22	3.27	4.22	4.76	6.79	20.33	25.87	30.78	48.28	87.12	108.80	132.86
8	-080	2.52	2.60	2.97	2.16	2.52	3.49	4.44	5.31	7.04	21.32	25.87	33.16	54.67	93.21	117.97	145.04
9	-090	2.64	2.82	3.19	2.22	2.60	3.95	4.82	5.86	7.51	23.41	29.55	35.73	60.98	99.27	126.98	158.11
10	-100	3.04	2.89	3.30	2.36	2.89	4.11	5.18	6.21	8.11	24.66	29.55	38.20	67.70	105.35	136.34	170.71
11	-110	3.30	3.10	3.49	2.52	3.10	4.44	5.54	6.55	8.79	28.32	34.45	43.11	74.03	111.45	145.51	183.34
12	-120	3.30	3.27	3.70	2.60	3.27	4.76	5.86	7.04	9.20	28.53	35.04	46.77	80.35	117.52	154.69	195.94
13	-130	4.26	4.96	5.32	2.97	3.53	5.48	6.79	7.90	10.29	30.78	36.32	51.64	86.66	123.59	163.85	208.56
14	-140	4.65	5.00	5.51	2.97	3.53	5.48	7.04	8.11	10.49	32.03	36.88	52.91	92.98	129.67	173.04	221.18
15	-150	4.85	5.30	5.78	3.27	3.70	5.86	7.43	8.79	11.35	34.45	39.40	55.35	99.29	135.77	182.21	233.81
16	-160	4.96	5.33	5.91	3.30	4.11	5.90	7.74	9.17	11.82	36.88	41.83	57.85	105.62	141.83	191.38	246.41
17	-170	5.31	5.41	6.14	3.65	4.22	6.67	8.48	9.89	12.93	37.56	44.27	59.03	111.93	147.89	200.56	259.02
18	-180	5.57	5.65	6.36	3.65	4.31	6.67	8.48	10.11	13.22	38.20	45.53	61.53	118.23	153.96	209.74	271.63
19	-190	5.82	5.69	6.49	3.95	4.82	7.17	10.29	11.95	15.88	44.88	47.95	70.09	125.39	159.76	218.90	284.24
20	-200	6.04	5.76	6.67	4.22	5.12	7.47	10.33	12.09	16.02	45.53	55.35	73.79	130.87	166.14	228.09	296.85
22	-220	6.64	6.18	7.09	4.22	5.31	7.66	10.61	12.33	16.27	47.01	58.41	75.04	144.12	178.29	247.20	322.10
24	-240	6.64	6.52	7.39	4.44	5.54	7.90	10.86	12.83	16.51	47.95	59.71	77.48	156.73	190.46	264.80	347.33
30	-300	9.71	8.67	9.97	5.68	7.65	11.05	14.17	17.51	21.32	58.41	73.21	98.41	194.65	226.90	319.85	423.01
36	-360	11.16	9.95	12.78	8.79	10.61	14.70	15.49	18.37	28.32	71.38	86.68	116.89	233.51	263.39	374.90	498.71
42	-420	12.67	11.90	14.37	11.72	12.33	17.88	19.67	24.66	34.45	82.46	101.48	142.69	271.39	299.83	429.96	599.61
48	-480	13.31	13.00	16.27	12.33	14.01	18.74	20.47	26.07	36.45	89.18	113.18	152.52	309.46	336.33	485.03	650.06

1/8" thru 2" diameter PVC Schedule 80 Nipples, up to 12" long, are packaged 25 per carton.

TBE: Use Part Number shown. • TOE: Add a "1" in front of Part Number, e.g., 1883-060 • PLAIN: Add a "P" at the end of Part Number, e.g. 883-060P

**Nipples  
PVC, CPVC & PE Nipples**



**CPVC Schedule 80 Nipple**

Diameter ⇨	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"	10"	12"	
Diameter Code ⇨	880	881	882	883	884	885	886	887	888	889	890	892	893	894	895	
Length ↓	Length Code ↓	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	Disc Code 121	
<b>CL</b>	<b>-005C</b>	2.41	2.76	2.60	3.19	3.87	4.88	5.41	8.37	15.19	19.67	30.33	71.78	105.26	146.90	206.19
<b>1-1/2</b>	<b>-015C</b>	2.60	2.89	2.81	3.43	---	---	---	---	---	---	---	---	---	---	---
<b>2</b>	<b>-020C</b>	2.81	3.27	3.10	3.70	4.22	5.41	6.04	---	---	---	---	---	---	---	---
<b>2-1/2</b>	<b>-025C</b>	3.27	3.49	3.30	4.22	5.24	6.81	7.51	9.97	---	---	---	---	---	---	---
<b>3</b>	<b>-030C</b>	3.27	3.87	3.53	4.22	5.24	6.81	7.51	9.97	16.67	19.67	---	---	---	---	---
<b>3-1/2</b>	<b>-035C</b>	3.70	4.31	4.14	4.88	6.04	8.48	9.09	11.82	20.33	25.73	34.65	---	---	---	---
<b>4</b>	<b>-040C</b>	3.70	4.31	4.14	4.88	6.04	8.48	9.09	11.82	20.33	25.73	36.41	---	---	---	---
<b>4-1/2</b>	<b>-045C</b>	4.14	4.96	4.65	5.41	6.81	9.97	10.61	13.66	24.29	29.95	42.41	116.60	135.59	198.05	---
<b>5</b>	<b>-050C</b>	4.14	4.96	4.65	5.41	6.81	9.97	10.61	13.66	24.29	29.95	42.41	124.99	145.69	215.07	275.73
<b>5-1/2</b>	<b>-055C</b>	4.50	5.18	5.24	6.04	7.90	11.46	12.09	15.49	28.50	34.21	48.46	132.39	155.81	232.14	298.82
<b>6</b>	<b>-060C</b>	4.50	5.18	5.24	6.04	7.90	11.46	12.09	15.49	28.50	34.21	48.46	145.87	165.91	249.19	320.89
<b>7</b>	<b>-070C</b>	6.81	8.04	7.66	9.09	11.05	15.38	16.61	21.78	36.45	43.11	57.57	154.68	186.14	283.30	368.19
<b>8</b>	<b>-080C</b>	7.32	8.41	8.17	9.59	12.09	16.82	18.14	23.63	40.62	49.68	72.77	171.52	206.36	317.40	414.43
<b>9</b>	<b>-090C</b>	7.78	9.02	8.82	10.29	13.13	18.29	19.65	25.46	44.57	55.54	78.80	186.29	226.59	351.50	411.64
<b>10</b>	<b>-100C</b>	8.18	9.54	9.28	10.79	13.70	19.90	21.16	27.32	48.55	59.97	84.89	201.02	246.81	385.61	506.88
<b>11</b>	<b>-110C</b>	8.67	10.14	9.89	11.46	14.74	21.41	22.73	29.15	52.76	64.21	90.89	215.78	267.02	419.72	553.12
<b>12</b>	<b>-120C</b>	9.05	10.33	10.49	12.14	15.85	22.88	24.24	31.01	56.97	68.48	96.96	230.52	287.24	453.83	599.34
<b>13</b>	<b>-130C</b>	11.36	13.24	12.93	15.17	18.95	26.81	28.71	37.24	64.93	77.33	105.27	245.28	307.47	487.93	645.56
<b>14</b>	<b>-140C</b>	13.70	16.12	15.36	18.19	22.10	30.73	33.16	43.59	72.88	86.17	115.17	260.05	327.70	522.02	691.82
<b>15</b>	<b>-150C</b>	14.17	16.48	15.84	18.69	23.16	32.19	34.73	45.38	77.03	92.76	130.34	274.78	347.91	556.14	738.02
<b>16</b>	<b>-160C</b>	14.65	16.87	16.36	19.24	24.24	33.65	36.27	47.22	81.21	99.36	145.52	289.54	368.14	624.18	784.26
<b>17</b>	<b>-170C</b>	14.94	17.46	17.06	19.87	25.26	35.15	37.79	49.07	85.18	105.21	151.57	304.30	388.36	630.62	830.49
<b>18</b>	<b>-180C</b>	15.49	18.04	17.35	20.52	26.29	36.64	39.27	50.90	89.16	111.12	157.62	314.19	408.57	658.44	876.72
<b>19</b>	<b>-190C</b>	16.02	18.49	17.98	21.06	26.85	38.24	40.83	52.79	93.13	116.86	163.67	333.84	428.82	692.54	922.94
<b>20</b>	<b>-200C</b>	16.45	19.11	18.59	21.61	27.49	39.83	42.36	54.60	97.11	119.88	169.73	348.55	449.04	726.65	969.19
<b>22</b>	<b>-220C</b>	16.88	19.83	20.02	22.93	29.84	42.79	45.40	58.31	105.51	128.43	180.20	378.06	469.26	783.36	1015.41
<b>24</b>	<b>-240C</b>	18.04	20.73	21.02	24.27	31.60	45.74	48.45	62.01	113.94	136.98	190.73	407.57	489.48	941.97	1061.65



## Nipples PVC, CPVC & PE Nipples

### PVC Reducing Nipples

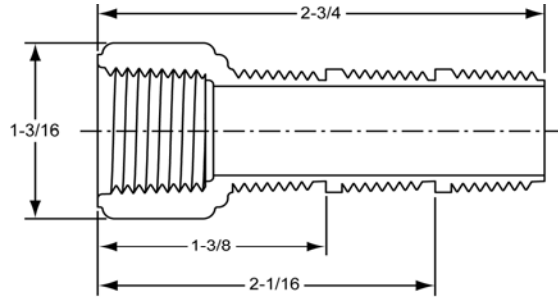
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
882-101	3/4X1/2	50	300	120	1.47
884-130R	1X1/2	25	300	120	1.99
884-131	1X3/4	50	200	120	2.06

### Polyethylene Schedule 40 Nipple

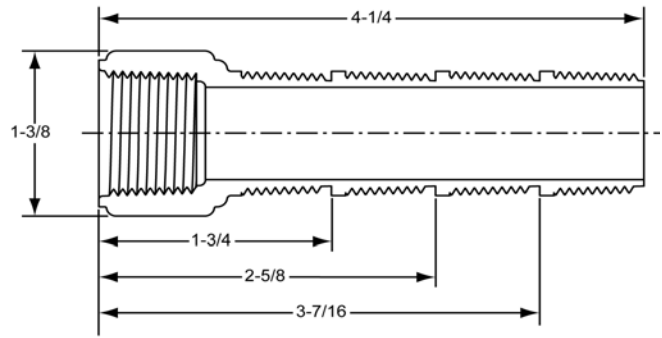
Size	1/2"	3/4"	Std Pk	Mstr Pk	Disc Code
CL -005	P42-005 .89	P43-005 1.05	25	450	120
1-1/2-015	P42-015 .89	---	25	300	120
2 -020	P42-020 .89	P43-020 1.05	25	300	120
2-1/2-025	P42-025 1.05	P43-025 1.48	25	300	120
3 -030	P42-030 1.05	P43-030 1.48	25	300	120
3-1/2-035	P42-035 1.12	P43-035 1.65	25	300	120
4 -040	P42-040 1.12	P43-040 1.65	25	300	120
4-1/2-045	P42-045 1.27	P43-045 1.73	25	300	120
5 -050	P42-050 1.27	P43-050 1.73	25	300	120
5-1/2-055	P42-055 1.48	P43-055 1.88	25	300	120
6 -060	P42-060 1.48	P43-060 1.88	25	300	120
7 -070	P42-070 2.22	P43-070 4.22	25	200	120
8 -080	P42-080 2.26	P43-080 4.31	25	0	120
9 -090	P42-090 2.36	P43-090 4.44	25	0	120
10 -100	P42-100 2.40	P43-100 4.57	25	0	120
11 -110	P42-110 2.52	P43-110 4.82	25	0	120
12 -120	P42-120 2.53	P43-120 4.96	25	0	120
14 -140	P42-140 3.49	---	100	0	120
15 -150	P42-150 3.87	---	100	0	120
16 -160	P42-160 4.22	---	100	0	120
18 -180	P42-180 4.57	---	100	0	120
24 -240	P42-240 6.67	---	100	0	120

### Polyethylene Cut-Off Nipples

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
491-060	1/2" MPTx6" Cut-Off	50	400	120	.89
492-060	1/2"x3/4" MPTx6" Cut-Off	50	350	120	1.34
493-060	3/4" MPTx6" Cut-Off	50	300	120	1.34



M434-005-3



M434-007-4

### Polyethylene Cut-Off Riser Extension

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### FIPT x MIPT Cut-Off

(1/2" = 3 - Section Cut-Off; 3/4" = 4 - Section Cut-Off)

M434-005-3	1/2X3	50	600	120	1.35
M434-007-4	3/4X4	50	0	120	1.79



## Nipples PVC, CPVC & PE Nipples



### PVC Schedule 80 Grooved Nipple

Diameter ⇨		1-1/2"	2"	3"	4"	6"
Diameter Code ⇨		886	887	889	890	892
Length ↓	Length Code ↓	Disc Code	Disc Code	Disc Code	Disc Code	Disc Code
			120	120	120	120
3	-030TG	886-030TG 4.11	887-030TG 6.49	889-030TG 13.06	890-030TG 16.88	---
3	-030GG	886-030GG 4.11	887-030GG 6.49	889-030GG 13.06	890-030GG 16.88	---
3	-030PG	886-030PG 3.53	887-030PG 5.76	889-030PG 11.65	890-030PG 15.06	892-030PG 41.33
4	-040TG	886-040TG 5.12	887-040TG 7.51	889-040TG 15.39	890-040TG 19.59	---
4	-040GG	886-040GG 5.12	887-040GG 7.51	889-040GG 15.39	890-040GG 28.74	---
4	-040PG	886-040PG 4.65	887-040PG 6.55	889-040PG 13.36	890-040PG 17.14	892-040PG 53.34
6	-060TG	886-060TG 5.12	887-060TG 10.24	889-060TG 19.82	890-060TG 27.07	---
6	-060GG	886-060GG 7.20	887-060GG 9.97	889-060GG 19.82	890-060GG 27.07	---
6	-060PG	886-060PG 6.81	887-060PG 10.24	889-060PG 17.23	890-060PG 27.07	892-060PG 83.21

TG = Thread x Groove  
GG = Groove x Groove  
PG = Plain x Groove

1/2" thru 3/4" diameter Polyethylene Schedule 40 Nipples, up to 12" long, are packaged 25 per carton.

#### Length of Close & Short Nipples

Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"	10"	12"
Close	3/4	7/8	1	1-1/8	1-3/8	1-1/2	1-5/8	1-3/4	2	2-1/2	2-5/8	2-7/8	3-3/4	3-5/8	4	4-3/8
Short	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	2	2	2	2-1/2	3	3	3-1/2	4-1/2	4-1/2	4-1/2	5

**THIS PRODUCT IS ONLY TO BE USED FOR ITS INTENDED PURPOSE.**

- PVC/CPVC Nipples furnished may be produced from extruded stock, or from molding grade PVC/CPVC compounds. Both processes provide quality products meeting ASTM requirements.
- Half Size Nipples not shown are priced the same as the next full size.  
For example: 7-1/2" is priced the same as 8".
- CONTACT YOUR LOCAL SPEARS® REPRESENTATIVE FOR PRICE AND AVAILABILITY OF SIZES, LENGTHS, AND/OR CONFIGURATIONS NOT SHOWN.

**THREADED CONNECTIONS** — Use a quality grade thread sealant. **WARNING: SOME PIPE JOINT COMPOUNDS OR PTFE PASTES MAY CONTAIN SUBSTANCES THAT COULD CAUSE STRESS CRACKING TO PLASTIC.** Spears® Manufacturing Company recommends the use of **Spears® BLUE 75™ Thread Sealant** which has been tested for compatibility with Spears® products. Please follow the sealant manufacturers' application / installation instructions. Choice of an appropriate thread sealant other than those listed above is at the discretion of the installer. 1 to 2 turns beyond **FINGER TIGHT** is generally all that is required to make a sound plastic threaded connection. Unnecessary **OVERTIGHTENING** will cause **DAMAGE TO BOTH PIPE AND FITTING**.

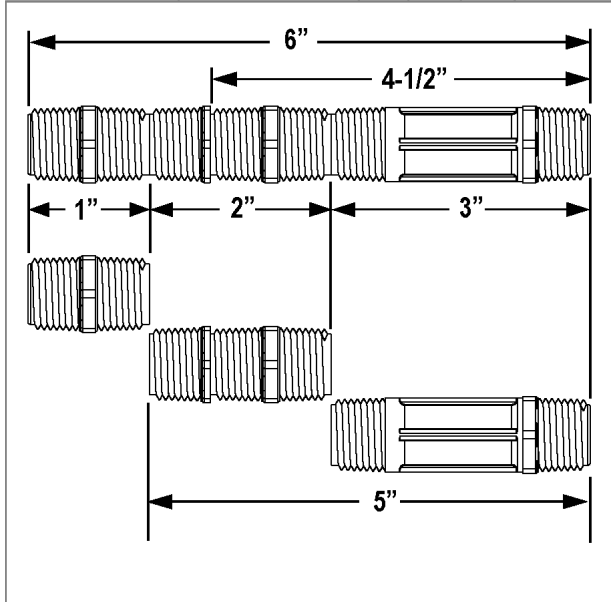


**Nipples**  
**Four-In-One • Cut-Off Nipples**

- High quality polyethylene construction
- Choice of sizes from just one nipple
- Reduces inventory
- Eliminates waste
- Reduces contractor down time

**Four-In-One Cut-Off Nipple**

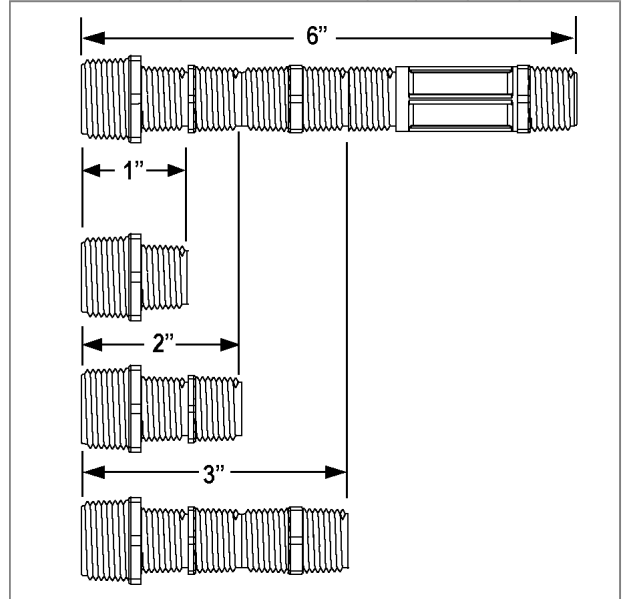
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
M481-005	1/2X6	50	350	123	1.03
M481-007	3/4X6	25	200	123	1.47



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Four-In-One Cut-Off Nipple - Reducing**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
M481-101	3/4X1/2X6	50	300	123	1.12



**Schedule 80 PVC Industrial Products & Accessories**  
**Schedule 80 PVC Industrial Pipe**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Schedule 80 Plain End**  
**10' Lengths, Price Per Foot**


List Price Per Foot

PD-800-001-10	1/8	10	0	744	1.87
PD-800-002-10	1/4	10	0	744	2.79
PD-800-003-10	3/8	10	0	744	3.88
PD-800-005-10	1/2	10	0	744	1.17
PD-800-007-10	3/4	10	0	744	1.58
PD-800-010-10	1	10	0	744	2.32
PD-800-012-10	1-1/4	10	0	744	3.20
PD-800-015-10	1-1/2	10	0	744	3.63
PD-800-020-10	2	10	0	744	5.03
PD-800-025-10	2-1/2	10	0	744	8.47
PD-800-030-10	3	10	0	744	10.28
PD-800-040-10	4	10	0	744	15.04
PD-800-060-10	6	10	0	744	28.72
PD-800-080-10	8	10	0	744	43.56
PD-800-100-10	10	10	0	744	64.63
PD-800-120-10	12	10	0	744	88.85

**20' Lengths, Price Per Foot**

List Price Per Foot

PD-800-001	1/8	20	0	744	1.87
PD-800-002	1/4	20	0	744	2.79
PD-800-003	3/8	20	0	744	3.88
PD-800-005	1/2	20	0	744	1.17
PD-800-007	3/4	20	0	744	1.58
PD-800-010	1	20	0	744	2.32
PD-800-012	1-1/4	20	0	744	3.20
PD-800-015	1-1/2	20	0	744	3.63
PD-800-020	2	20	0	744	5.03
PD-800-025	2-1/2	20	0	744	8.47
PD-800-030	3	20	0	744	10.28
PD-800-040	4	20	0	744	15.04
PD-800-060	6	20	0	744	28.72
PD-800-080	8	20	0	744	43.56
PD-800-100	10	20	0	744	64.63
PD-800-120	12	20	0	744	88.85

- Pipe sold in individual lengths or lift quantities. No cut lengths.
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

ASTM D-1784 ASTM D-1785		Schedule 80 PVC Plain End Pipe				
Size	Max Work Pressure	Avg OD	Min Wall	10' Length Skid Quantity FT/Pieces	20' Length Skid Quantity FT/Pieces	Weight Per FT
1/8"	1230	0.405	0.095	2850/285	5700/285	0.063
1/4"	1130	0.540	0.119	2850/285	5700/285	0.105
3/8"	920	0.675	0.126	2850/285	5700/285	0.146
1/2"	850	0.840	0.147	2430/243	4860/243	0.213
3/4"	690	1.050	0.154	1540/154	5260/263	0.289
1"	630	1.315	0.179	2520/252	4280/214	0.124
1-1/4"	520	1.660	0.191	1230/123	2360/118	0.586
1-1/2"	470	1.900	0.200	1720/172	2060/103	0.717
2"	400	2.375	0.218	1230/123	1660/83	0.984
2-1/2"	420	2.875	0.276	540/54	1080/54	1.500
3"	370	3.500	0.300	460/46	840/42	2.010
4"	320	4.500	0.337	340/34	520/26	2.938
6"	280	6.625	0.432	170/17	340/17	5.610
8"	250	8.625	0.500	90/9	220/11	8.522
10"	230	10.750	0.593	110/11	140/7	12.635
12"	230	12.750	0.687	80/8	100/5	17.384



## Schedule 80 PVC Industrial Products & Accessories Spears® Low VOC Solvent Cements & Primers

Essential solvent cements developed for contractors' essential needs in joining PVC, CPVC and ABS pipe and fittings.

- User Friendly with reduced fumes and odor for well-being of pipe installers.
- NSF® Certified & Listed for use in piping applications such as potable water, turf, irrigation, pool & spa, industrial, plumbing, DWV, and/or sewer, plus special applications including fire protection, chemical waste, and ultra-pure water.
- Meets ASTM Standards for solvent cements and primers used for plastic pipe installation.
- Environmentally friendly. LEED® Compliant (Leadership in Energy and Environmental Design). Credit can be gained through the use of Spears® Low VOC products. This program, developed by the US Green Building Council, uses SCAQMD Rule 1168 as a benchmark to qualify one credit toward LEED® certification for green building.

### Low VOC PVC Cements

Regular, Medium, heavy and extra heavy bodied cements are specifically formulated for PVC pipe in virtually every schedule and in sizes with interference fit to 30" diameter.

- Low VOC emissions comply with SCAQMD Rule 1168/316A
- 3-Year Shelf Life

**PVC-00 CLEAR:** Regular bodied, fast setting PVC cement for all classes and schedules (except Schedule 80) with interference fit through 4". Excellent for plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-05 CLEAR:** Medium bodied, fast setting, PVC cement for all classes and schedules with interference fit through 6" diameter and Schedule 80 through 4" diameter in industrial, plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



#### PVC-00 Clear Regular Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC00C-005	<b>1/4 Pint</b>	24	0	705	5.85
PVC00C-010	<b>1/2 Pint</b>	24	0	705	8.50
PVC00C-020	<b>Pint</b>	12	0	705	13.10
PVC00C-030	<b>Quart</b>	12	0	705	22.10
PVC00C-040	<b>Gallon</b>	6	0	705	71.75

#### PVC-05 Clear Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC05C-005	<b>1/4 Pint</b>	24	0	705	6.60
PVC05C-010	<b>1/2 Pint</b>	24	0	705	9.55
PVC05C-020	<b>Pint</b>	12	0	705	16.75
PVC05C-030	<b>Quart</b>	12	0	705	26.65
PVC05C-040	<b>Gallon</b>	6	0	705	90.80

**PVC-02 CLEAR:** Regular bodied, fast setting PVC cement for all classes and schedules (except Schedule 80) with interference fit through 4" diameter. Goes on clear, dries clearest and is slightly thicker than PVC-00. Excellent for plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-21 BLUE:** Medium bodied, fast setting, high strength PVC cement. It is suitable for use on rigid PVC with interference fit Schedule 40 thru 6" and Schedule 80 thru 4". Can be used without primer on PVC Schedule 40 and SDR pressure water piping systems through 4" if local code permits. Do not use PVC-21 without primer in any other application, schedule, or size such as Schedule 80 industrial applications. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



#### PVC-02 Clear Regular Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC02C-005	<b>1/4 Pint</b>	24	0	705	6.50
PVC02C-010	<b>1/2 Pint</b>	24	0	705	9.45
PVC02C-020	<b>Pint</b>	12	0	705	14.55
PVC02C-030	<b>Quart</b>	12	0	705	24.55
PVC02C-040	<b>Gallon</b>	6	0	705	79.65

#### PVC-21 Blue Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC21B-005	<b>1/4 Pint</b>	24	0	705	7.05
PVC21B-010	<b>1/2 Pint</b>	24	0	705	11.60
PVC21B-020	<b>Pint</b>	12	0	705	19.85
PVC21B-030	<b>Quart</b>	12	0	705	33.35
PVC21B-040	<b>Gallon</b>	6	0	705	114.65

**Schedule 80 PVC Industrial Products & Accessories  
PVC Low VOC Cements**



**PVC-25 AQUA BLUE WET-N-DRY:** Medium bodied, very fast setting PVC cement for all classes and schedules with interference fit through 6" diameter and Schedule 80 through 4" diameter. Formulated for wet conditions and quick pressurization. Designed for irrigation, plumbing, and pool & spa applications. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-25 Aqua Blue Wet-N-Dry Medium Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC25B-005	<b>1/4 Pint</b>	24	0	705	7.05
PVC25B-010	<b>1/2 Pint</b>	24	0	705	11.45
PVC25B-020	<b>Pint</b>	12	0	705	19.50
PVC25B-030	<b>Quart</b>	12	0	705	32.65
PVC25B-040	<b>Gallon</b>	6	0	705	112.60

**PVC-27 CLEAR COLD-N-HOT:** Medium bodied, very fast setting, PVC cement for all classes and schedules with interference fit through 6" diameter, Schedule 80 through 4" diameter. Formulated for -15°F to 110°F (-26°C to 43°C) weather conditions. Designed for industrial, plumbing, irrigation, pool & spa, electrical conduit and PVC foam core pipe. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-27 Clear Cold-N-Hot Medium Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC27C-040	<b>Gallon</b>	6	0	705	118.85
PVC27C-020	<b>Pint</b>	12	0	705	20.35
PVC27C-030	<b>Quart</b>	12	0	705	34.25

**PVC-50 HOT BLUE:** Medium bodied, very fast setting, high strength PVC cement. Can be used on PVC with interference fit for Schedule 40 thru 6" and Schedule 80 thru 4". Hot Blue premium all-weather formulation is excellent for use in challenging conditions including wet, damp or cold temperatures in irrigation, plumbing DWV, pool & spa, and non-pressure applications. PVC-50 may be used without primer on Schedule 40 pipe and fittings if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-50 HOT BLUE Medium Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC50B-005	<b>1/4 Pint</b>	24	0	705	6.35
PVC50B-010	<b>1/2 Pint</b>	24	0	705	10.45
PVC50B-020	<b>Pint</b>	12	0	705	17.90
PVC50B-030	<b>Quart</b>	12	0	705	30.05
PVC50B-040	<b>Gallon</b>	6	0	705	103.30

**PVC-11 GRAY:** Heavy bodied, medium setting PVC cement for all classes and schedules with interference fit through 12" diameter. Medium set allows more working time in warm weather and has good gap filling properties. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code, CSA B137.3, B181.2.



**PVC-11 Gray Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC11G-010	<b>1/2 Pint</b>	24	0	706	15.60
PVC11G-020	<b>Pint</b>	12	0	706	20.80
PVC11G-030	<b>Quart</b>	12	0	706	35.00
PVC11G-040	<b>Gallon</b>	6	0	706	118.35

**PVC-17 CLEAR/GRAY:** Heavy bodied, medium setting PVC cement for all classes and schedules with interference fit through 12" diameter (non-pressure applications only up to 18"). Medium set allows more working time in warm weather and has good gap filling properties. Designed for plumbing, industrial, pool, irrigation and electrical piping systems. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P.Code (Clear/Gray); CSA B137.3, B181.2 (Gray only).



**PVC-17 Gray Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC17G-010	<b>1/2 Pint</b>	24	0	706	11.70
PVC17G-020	<b>Pint</b>	12	0	706	20.55
PVC17G-030	<b>Quart</b>	12	0	706	34.70
PVC17G-040	<b>Gallon</b>	6	0	706	116.90

**PVC-17 Clear Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC17C-010	<b>1/2 Pint</b>	24	0	706	11.70
PVC17C-020	<b>Pint</b>	12	0	706	20.55
PVC17C-030	<b>Quart</b>	12	0	706	34.70
PVC17C-040	<b>Gallon</b>	6	0	706	116.90



**PVC-19 Gray Extra-Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC19G-020	<b>Pint</b>	12	0	706	31.43
PVC19G-030	<b>Quart</b>	12	0	706	41.90
PVC19G-040	<b>Gallon</b>	4	0	706	138.15
PVC19G-050	<b>5 Gallon</b>	1	0	706	597.25



**Schedule 80 PVC Industrial Products & Accessories  
CPVC Low VOC Cements**

Heavy bodied cements are specifically formulated for CPVC plastic pipe and fittings including a variety of One-Step (no primer required) CPVC specialty cements. These products are ideal for use in hot/cold water plumbing systems, water treatment and chemical plants, as well as industrial piping systems.

- Low VOC emissions comply with *SCAQMD Rule 1168/316A*
- 2-Year Shelf Life

**CPVC-24 GRAY/ORANGE:** Heavy bodied, medium setting CPVC cement for all classes and schedules with interference fit through 24" diameter. High-strength, chemical-resistant solvent cement for use with CPVC piping systems carrying acids, bases, salts, and sodium hypochlorite. Ideal for use in waste water plants. Recommended for use on PVC industrial piping systems for chemical applications; best choice for both PVC and CPVC fume & air duct systems. Listings: ASTM F493, NSF®-PW, DWV, SW, U.P. Code.



**The Most Chemically Resistant Cement Available for Both PVC & CPVC Applications**

**CPVC-24 Gray Heavy Body CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CPVC24G-020	<b>Pint</b>	12	0	707	23.30
CPVC24G-030	<b>Quart</b>	12	0	707	41.15
CPVC24G-040	<b>Gallon</b>	6	0	707	142.10

**CPVC-24 Orange Heavy Body CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CPVC24O-020	<b>Pint</b>	12	0	707	23.30
CPVC24O-030	<b>Quart</b>	12	0	707	41.15
CPVC24O-040	<b>Gallon</b>	6	0	707	142.10

**Schedule 80 PVC Industrial Products & Accessories  
Low VOC Solvent Primers & Cleaners**



Primers are used for the surface preparation of plastic pipe and fittings, which is necessary for the proper solvent welding of these materials. Cleaner aids in pre-cleaning to remove oil and grease.

- All Spears® Primers and Cleaners are low VOC products, which are environmentally friendly with lower emissions and reduced odor, surpassing the most stringent regulations and comply with *SCAQMD Rule 1168/316A*.
- Spears® Primers are certified for use with potable water by NSF® International.
- 3-Year Shelf Life

**PRIMER-70 INDUSTRIAL GRADE PURPLE/CLEAR:**

Premium, industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Specially recommended for use on Schedule 80 (150 psi and higher) and large size pipe. Excellent for cold weather applications. Listings: ASTM F656, NSF®-PW, DWV, SW, U.P. Code (Purple Only).



**PRIMER-70 Clear Industrial Strength Primer**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70C-005	<b>1/4 Pint</b>	24	0	709	7.05
PRIM70C-010	<b>1/2 Pint</b>	24	0	709	9.60
PRIM70C-020	<b>Pint</b>	12	0	709	19.20
PRIM70C-030	<b>Quart</b>	12	0	709	31.10
PRIM70C-040	<b>Gallon</b>	6	0	709	102.20



**PRIMER-70 Purple Industrial Strength Primer**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70P-005	<b>1/4 Pint</b>	24	0	709	7.05
PRIM70P-010	<b>1/2 Pint</b>	24	0	709	9.60
PRIM70P-020	<b>Pint</b>	12	0	709	19.20
PRIM70P-030	<b>Quart</b>	12	0	709	31.10
PRIM70P-040	<b>Gallon</b>	6	0	709	102.20

**CLEANER-65 CLEAR CLEANER:** Water-thin cleaner recommended for use before priming of pipe and fittings to remove dirt, oil and grease from the bonding surfaces of PVC, CPVC, ABS and Styrene.



**CLEANER-65 Clear Cleaner**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CLEAN65-005	<b>1/4 Pint</b>	24	0	709	5.20
CLEAN65-010	<b>1/2 Pint</b>	24	0	709	7.75
CLEAN65-020	<b>Pint</b>	12	0	709	13.45
CLEAN65-030	<b>Quart</b>	12	0	709	19.75
CLEAN65-040	<b>Gallon</b>	6	0	709	63.25





**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee Soc**



801-002	1/4	50	300	080	8.85
801-003	3/8	25	150	080	8.85
801-005	1/2	25	200	080	8.85
801-007	3/4	15	120	080	9.28
801-010	1	15	0	080	11.61
801-012	1-1/4	10	0	080	31.89
801-015	1-1/2	10	0	080	31.89
801-020	2	10	0	080	39.87
801-025	2-1/2	10	0	080	43.36
801-030	3	5	0	080	54.19
801-040	4	5	0	080	62.79
801-050	5	5	0	080	153.15
801-050F	5	1	4	083	357.97
801-060	6	2	0	080	214.38
801-080	8	2	0	080	497.20
801-080F	8	1	0	083	468.99
801-100	10	1	0	081	1642.65
801-100F	10	1	0	083	833.45
801-120	12	1	0	081	2319.89
801-120F	12	1	0	083	1174.37
801-140F	14	1	0	083	2463.78
801-160F	16	1	0	083	3203.65
801-180F	18	1	0	083	3816.26
801-200F	20	1	0	083	4920.10
801-240F	24	1	0	083	6538.96

**Tee Soc x Fipt**



802-002	1/4	25	150	080	20.47
802-005	1/2	20	160	080	14.00
802-007	3/4	20	160	080	18.12
802-010	1	15	0	080	21.20
802-012	1-1/4	15	0	080	22.66
802-015	1-1/2	10	0	080	26.63
802-020	2	10	0	080	32.84
802-030	3	5	0	080	70.09
802-040	4	5	0	080	131.69

**Special Reinforced Tee Soc x SR Fipt - Stainless Steel Collar**



802-005SR	1/2	25	200	086	7.66
802-007SR	3/4	15	120	086	10.83
802-010SR	1	15	0	086	12.72
802-012SR	1-1/4	25	0	086	15.13
802-020SR	2	10	0	086	31.28
802-030SR	3	5	0	086	67.60
802-040SR	4	5	0	086	126.78

**Transition Tee Soc x Fipt With Brass Thread Insert**



802-005BR	1/2	20	160	086	31.27
802-007BR	3/4	20	80	086	62.67

Not intended to convey or dispense water for human consumption through drinking or cooking

**Tee Fipt**



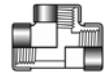
805-002	1/4	25	150	080	10.23
805-003	3/8	25	150	080	10.23

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee (continued) Fipt**

805-005	1/2	20	240	080	10.23
805-007	3/4	15	120	080	11.39
805-010	1	15	0	080	25.15
805-012	1-1/4	10	0	080	26.66
805-015	1-1/2	10	0	080	32.32
805-020	2	10	0	080	34.74
805-025	2-1/2	5	0	080	126.49
805-030	3	5	0	080	132.11
805-040	4	5	0	080	214.70
805-060F	6	1	2	083	337.37
805-080F	8	1	0	083	622.56

**Special Reinforced Tee SR Fipt - Stainless Steel Collar**



805-002SR	1/4	25	150	086	8.91
805-003SR	3/8	25	150	086	8.91
805-005SR	1/2	25	150	086	9.20
805-007SR	3/4	25	100	086	10.11
805-010SR	1	15	0	086	24.03
805-015SR	1-1/2	10	0	086	28.12
805-020SR	2	10	0	086	29.56

**Street Tee Spig x Soc x Soc**



844-005	1/2	25	200	080	11.07
844-007	3/4	15	120	080	11.61
844-010	1	15	0	080	14.51
844-012	1-1/4	10	0	080	39.87
844-015	1-1/2	10	0	080	39.87
844-020	2	10	0	080	49.83

**Reducing Tee Soc**



801-101	3/4X1/2	15	120	080	6.78
801-130	1X1/2	15	0	080	9.81
801-131	1X3/4	15	0	080	9.81
801-157	1-1/4X1X3/4	15	0	080	16.19
801-158	1-1/4X1X1	15	0	080	16.19
801-159	1-1/4X1X1-1/4	15	0	080	16.19
801-166 <sup>1</sup>	1-1/4X1/2	10	0	080	27.06
801-167	1-1/4X3/4	10	0	080	21.29
801-168	1-1/4X1	15	0	080	21.29
801-202	1-1/2X1-1/4X1	10	0	080	21.29
801-209	1-1/2X1/2	10	0	080	21.29
801-210	1-1/2X3/4	15	0	080	21.29
801-211	1-1/2X1	10	0	080	21.29
801-212	1-1/2X1-1/4	10	0	080	21.29
801-247	2X1/2	10	0	080	26.98
801-248	2X3/4	10	0	080	26.98
801-249	2X1	10	0	080	26.98
801-250 <sup>1</sup>	2X1-1/4	10	0	080	41.13
801-251	2X1-1/2	10	0	080	26.98
801-287	2-1/2X1/2	10	0	080	41.24
801-288	2-1/2X3/4	10	0	080	41.24
801-289	2-1/2X1	10	0	080	35.20
801-290	2-1/2X1-1/4	10	0	080	35.20
801-291	2-1/2X1-1/2	10	0	080	35.20
801-292	2-1/2X2	10	0	080	35.20
801-333 <sup>1</sup>	3X1/2	5	0	080	49.45
801-334 <sup>1</sup>	3X3/4	5	0	080	55.80
801-335	3X1	5	0	080	49.45
801-336 <sup>1</sup>	3X1-1/4	5	0	080	49.45

**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

**Soc**

801-337	3X1-1/2	5	0	080	49.45
801-338	3X2	5	0	080	49.45
801-339	3X2-1/2	5	0	080	49.45
801-416 <sup>1</sup>	4X3/4	5	0	080	97.80
801-417 <sup>1</sup>	4X1	5	0	080	97.80
801-418 <sup>1</sup>	4X1-1/4	5	0	080	97.80
801-419	4X1-1/2	5	0	080	79.90
801-420	4X2	5	0	080	79.90
801-421 <sup>1</sup>	4X2-1/2	5	0	080	143.85
801-422	4X3	5	0	080	79.90
801-426 <sup>1</sup>	4X6	4	0	080	391.61
801-482F	5X1-1/4	1	5	083	211.84
801-484F	5X1-1/2	1	5	083	215.84
801-486F	5X2	1	5	083	215.84
801-487F	5X2-1/2	1	4	083	246.13
801-488F	5X3	1	3	083	254.18
801-490 <sup>1</sup>	5X4	4	0	080	238.39
801-490F	5X4	1	4	083	271.34
801-523 <sup>1</sup>	6X1/2	4	0	080	207.81
801-525	6X1	4	0	080	159.67
801-526 <sup>1</sup>	6X1-1/4	4	0	080	207.81
801-527 <sup>1</sup>	6X1-1/2	4	0	080	207.81
801-528	6X2	4	0	080	159.67
801-529 <sup>1</sup>	6X2-1/2	4	0	080	207.64
801-530	6X3	4	0	080	159.67
801-532	6X4	5	0	080	214.38
801-533F	6X5	1	3	083	451.26
801-537F	6X10	1	0	083	1756.45
801-539F	6X12	1	0	083	1950.24
801-573 <sup>1</sup>	8X1/2	1	0	080	610.09
801-575 <sup>1</sup>	8X1	2	0	080	610.46
801-578 <sup>1</sup>	8X2	2	0	080	580.47
801-578F	8X2	1	2	083	398.17
801-579 <sup>1</sup>	8X2-1/2	2	0	080	638.68
801-579F	8X2-1/2	1	2	083	401.87
801-580 <sup>1</sup>	8X3	2	0	080	580.47
801-580F	8X3	1	2	083	406.37
801-582 <sup>1</sup>	8X4	2	0	080	580.47
801-582F	8X4	1	2	083	427.31
801-583F	8X5	1	0	083	577.67
801-585	8X6	2	0	080	497.20
801-621F	10X2	1	2	083	598.12
801-622F	10X2-1/2	1	0	083	624.70
801-623 <sup>1</sup>	10X3	1	0	081	1530.48
801-623F	10X3	1	0	083	641.48
801-624 <sup>1</sup>	10X4	1	0	081	1530.48
801-624F	10X4	1	0	083	664.55
801-625F	10X5	1	0	083	714.66
801-626 <sup>1</sup>	10X6	1	0	081	1445.55
801-626F	10X6	1	0	083	751.57
801-628 <sup>1</sup>	10X8	1	0	081	1701.22
801-628F	10X8	1	0	083	843.15
801-632F	10X12	1	0	083	2076.93
801-661F	12X2	1	0	083	773.43
801-662F	12X2-1/2	1	0	083	806.82
801-663F	12X3	1	0	083	833.14
801-664 <sup>1</sup>	12X4	1	0	081	2774.80
801-664F	12X4	1	0	083	883.81
801-665F	12X5	1	0	083	926.17
801-666 <sup>1</sup>	12X6	1	0	081	2617.95
801-666F	12X6	1	0	083	975.90
801-668	12X8	1	0	081	2150.55
801-668F	12X8	1	0	083	1047.00
801-670 <sup>1</sup>	12X10	1	0	081	2879.88
801-670F	12X10	1	0	083	1163.45

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

**Soc**

801-678F	12X18	1	0	083	5186.02
801-691F	14X2	1	0	083	969.10
801-692F	14X2-1/2	1	0	083	1018.11
801-693F	14X3	1	0	083	1189.78
801-694F	14X4	1	0	083	1311.15
801-696F	14X6	1	0	083	1415.39
801-698F	14X8	1	0	083	1488.36
801-700F	14X10	1	0	083	1590.06
801-702F	14X12	1	0	083	1679.01
801-706F	14X16	1	0	083	5432.97
801-751F	16X2	1	0	083	1242.72
801-752F	16X2-1/2	1	0	083	1321.80
801-753F	16X3	1	0	083	1340.74
801-754F	16X4	1	0	083	1466.83
801-756F	16X6	1	0	083	1560.47
801-758F	16X8	1	0	083	1733.22
801-760F	16X10	1	0	083	1878.82
801-762F	16X12	1	0	083	2070.52
801-764F	16X14	1	0	083	2387.48
801-781F	18X2	1	0	083	1428.59
801-783F	18X3	1	0	083	1739.37
801-784F	18X4	1	0	083	2671.23
801-786F	18X6	1	0	083	2893.21
801-788F	18X8	1	0	083	3017.09
801-790F	18X10	1	0	083	3232.22
801-792F	18X12	1	0	083	3415.80
801-794F	18X14	1	0	083	3630.15
801-796F	18X16	1	0	083	3676.53
801-814F	20X4	1	0	083	3276.11
801-816F	20X6	1	0	083	3459.22
801-818F	20X8	1	0	083	3565.54
801-820F	20X10	1	0	083	3712.89
801-822F	20X12	1	0	083	3981.17
801-824F	20X14	1	0	083	4269.27
801-826F	20X16	1	0	083	4575.87
801-828F	20X18	1	0	083	4809.61
801-904F	24X4	1	0	083	4079.18
801-906F	24X6	1	0	083	4235.39
801-908F	24X8	1	0	083	4345.54
801-910F	24X10	1	0	083	4612.95
801-912F	24X12	1	0	083	4783.18
801-914F	24X14	1	0	083	4980.56
801-916F	24X16	1	0	083	5210.32
801-918F	24X18	1	0	083	6302.18
801-920F	24X20	1	0	083	6421.90

<sup>1</sup> Sized with Bushing

**Reducing Tee**  
**Soc x Fipt**



802-101	3/4X1/2	15	120	080	12.86
802-130	1X1/2	50	0	080	13.37
802-131	1X3/4	15	0	080	17.18
802-166	1-1/4X1/2	25	0	080	21.86
802-167 <sup>1</sup>	1-1/4X3/4	15	0	080	21.86
802-168	1-1/4X1	10	0	080	43.39
802-209	1-1/2X1/2	25	0	080	27.06
802-210 <sup>1</sup>	1-1/2X3/4	20	0	080	27.06
802-211	1-1/2X1	10	0	080	27.06
802-212	1-1/2X1-1/4	10	0	080	27.06
802-247	2X1/2	10	0	080	30.91
802-248	2X3/4	10	0	080	30.91
802-249 <sup>1</sup>	2X1	10	0	080	41.13
802-250 <sup>1</sup>	2X1-1/4	10	0	080	41.13



**Schedule 80 PVC Industrial Products & Accessories  
PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

Soc x Fipt

802-251 <sup>1</sup>	2X1-1/2	10	0	080	57.34
802-287	2-1/2X1/2	10	0	080	71.17
802-288 <sup>1</sup>	2-1/2X3/4	10	0	080	71.17
802-289 <sup>1</sup>	2-1/2X1	10	0	080	71.17
802-290 <sup>1</sup>	2-1/2X1-1/4	10	0	080	71.17
802-291 <sup>1</sup>	2-1/2X1-1/2	10	0	080	71.17
802-292 <sup>1</sup>	2-1/2X2	10	0	080	79.47
802-333 <sup>1</sup>	3X1/2	5	0	080	55.80
802-334 <sup>1</sup>	3X3/4	5	0	080	55.80
802-335 <sup>1</sup>	3X1	5	0	080	67.12
802-336 <sup>1</sup>	3X1-1/4	5	0	080	67.12
802-337 <sup>1</sup>	3X1-1/2	5	0	080	67.12
802-338 <sup>1</sup>	3X2	5	0	080	85.71
802-339 <sup>1</sup>	3X2-1/2	5	0	080	120.55
802-415 <sup>1</sup>	4X1/2	5	0	080	98.20
802-416 <sup>1</sup>	4X3/4	5	0	080	98.20
802-417 <sup>1</sup>	4X1	5	0	080	98.20
802-418 <sup>1</sup>	4X1-1/4	5	0	080	98.20
802-419 <sup>1</sup>	4X1-1/2	5	0	080	98.20
802-420 <sup>1</sup>	4X2	5	0	080	146.79
802-421 <sup>1</sup>	4X2-1/2	5	0	080	146.79
802-422 <sup>1</sup>	4X3	5	0	080	164.33
802-525 <sup>1</sup>	6X1	4	0	080	228.51
802-526 <sup>1</sup>	6X1-1/4	4	0	080	228.51
802-527 <sup>1</sup>	6X1-1/2	4	0	080	228.51
802-528 <sup>1</sup>	6X2	4	0	080	228.51
802-529 <sup>1</sup>	6X2-1/2	4	0	080	228.51
802-530 <sup>1</sup>	6X3	4	0	080	319.02
802-532 <sup>1</sup>	6X4	2	0	080	334.24
802-578 <sup>1</sup>	8X2	2	0	080	622.84
802-578F	8X2	1	2	083	557.34
802-580 <sup>1</sup>	8X3	2	0	080	622.84
802-580F	8X3	1	2	083	557.34
802-582 <sup>1</sup>	8X4	2	0	080	622.84
802-582F <sup>*</sup>	8X4	1	2	083	617.73
802-621 <sup>1</sup>	10X2	1	0	081	1590.55
802-621F	10X2	1	0	083	676.77
802-623 <sup>1</sup>	10X3	1	0	080	1590.55
802-623F	10X3	1	0	083	731.55
802-624 <sup>1</sup>	10X4	1	0	081	1590.55
802-624F <sup>*</sup>	10X4	1	0	083	812.72
802-661 <sup>1</sup>	12X2	1	0	080	2520.21
802-661F	12X2	1	0	083	859.64
802-663 <sup>1</sup>	12X3	1	0	081	2520.21
802-663F	12X3	1	0	083	932.79
802-664 <sup>1</sup>	12X4	1	0	081	2520.21
802-664F	12X4	1	0	083	1029.56

<sup>1</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

**Reducing Tee**

Soc x Fipt x Soc



803-095	3/4X1/2X3/4	50	0	080	12.06
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**Special Reinforced Reducing Tee**

Soc x SR Fipt - Stainless Steel Collar



802-072SR	1/2X1/4	25	150	086	7.66
802-098SR	3/4X1/4	25	100	086	9.95
802-101SR	3/4X1/2	50	0	086	9.95
802-128SR <sup>1</sup>	1X1/4	10	80	086	23.55
802-130SR	1X1/2	50	0	086	12.27

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Reducing Tee (continued)**

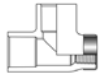
Soc x SR Fipt - Stainless Steel Collar

802-131SR	1X3/4	15	0	086	23.55
802-164SR <sup>1</sup>	1-1/4X1/4	5	0	086	25.11
802-166SR	1-1/4X1/2	25	0	086	16.64
802-168SR	1-1/4X1	10	0	086	16.98
802-207SR <sup>1</sup>	1-1/2X1/4	10	0	086	29.30
802-211SR	1-1/2X1	10	0	086	18.38
802-212SR	1-1/2X1-1/4	10	0	086	18.38
802-245SR <sup>1</sup>	2X1/4	10	0	086	33.84
802-247SR	2X1/2	10	0	086	33.84
802-248SR	2X3/4	10	0	086	33.84
802-287SR	2-1/2X1/2	10	0	086	24.94
802-331SR <sup>1</sup>	3X1/4	5	0	086	64.60
802-333SR <sup>1</sup>	3X1/2	5	0	086	66.47
802-413SR <sup>1</sup>	4X1/4	5	0	086	88.96
802-415SR <sup>1</sup>	4X1/2	5	0	086	96.68

<sup>1</sup> Sized with Bushing

**Special Reinforced Reducing Tee**

Soc x SR Fipt - Stainless Steel Collar x Soc

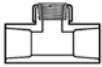


(See also Gauge & Instrument Fittings for additional configurations)

803-095SR	3/4X1/2X3/4	15	0	086	12.53
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**Transition Reducing Tee**

Soc x Fipt With Brass Thread Insert



802-101BR	3/4X1/2	50	0	086	39.03
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Not intended to convey or dispense water for human consumption through drinking or cooking

**90° Ell**

Soc



806-002	1/4	25	150	080	3.14
806-003	3/8	20	120	080	3.14
806-005	1/2	20	240	080	3.14
806-007	3/4	20	160	080	4.01
806-010	1	25	0	080	6.46
806-012	1-1/4	10	0	080	8.65
806-015	1-1/2	10	0	080	9.27
806-020	2	25	0	080	11.20
806-025	2-1/2	5	0	080	26.21
806-030	3	5	0	080	29.46
806-040	4	5	0	080	44.80
806-045F	4-1/2	1	2	083	205.98
806-050	5	4	0	080	114.86
806-050F	5	1	4	083	229.98
806-060	6	4	0	080	127.48
806-080	8	2	0	080	351.37
806-100	10	1	0	081	1572.50
806-100F	10	1	0	083	627.56
806-120	12	1	0	081	2049.86
806-120F	12	1	0	083	1025.77
806-140F	14	1	0	083	1308.48
806-160F	16	1	0	083	1627.33
806-180F	18	1	0	083	2325.67
806-200F	20	1	0	083	2777.35
806-240F	24	1	0	083	4264.97
806-338 <sup>1</sup>	3X2	5	0	080	72.21
806-422 <sup>1</sup>	4X3	5	0	080	107.86

<sup>1</sup> Sized with Bushing

**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° EII Sweep**  
Soc x Soc



806-005S	1/2	25	150	080	7.83
806-007S	3/4	25	100	080	10.14
806-010S	1	25	0	080	16.33
806-012S	1-1/4	25	0	080	21.59
806-015S	1-1/2	25	0	080	23.21
806-020S	2	25	0	080	28.12

**Long Sweep 90° EII**  
Soc



806-005LSF	1/2	1	25	083	27.14
806-007LSF	3/4	1	25	083	30.46
806-010LSF	1	1	25	083	34.05
806-012LSF	1-1/4	1	25	083	57.59
806-015LSF	1-1/2	1	25	083	58.32
806-020LSF	2	1	10	083	63.05
806-025LSF	2-1/2	1	7	083	108.27
806-030LSF	3	1	5	083	118.12
806-040LSF	4	1	4	083	132.46
806-060LSF	6	1	2	083	202.87

Not Listed for Electrical Conduit Use

**90° EII**  
Soc x Fipt



807-002	1/4	25	450	080	12.35
807-003	3/8	25	150	080	12.35
807-005	1/2	20	240	080	12.35
807-007	3/4	20	160	080	14.53
807-010	1	20	0	080	15.71
807-012	1-1/4	10	0	080	18.12
807-015	1-1/2	10	0	080	21.61
807-020	2	10	0	080	28.00
807-030 <sup>1</sup>	3	5	0	080	66.87
807-040	4	5	0	080	126.10
807-060 <sup>1</sup>	6	3	0	080	292.59

<sup>1</sup>Thread outlet sized with Female Adapter

**Special Reinforced 90° EII**  
Soc x SR Fipt - Stainless Steel Collar



807-005SR	1/2	20	240	086	7.33
807-007SR	3/4	75	0	086	8.72
807-010SR	1	50	0	086	8.82
807-012SR	1-1/4	25	0	086	11.85
807-015SR	1-1/2	10	0	086	14.64
807-020SR	2	10	0	086	16.80
807-030SR	3	5	0	086	42.65
807-040SR	4	5	0	086	75.35

**Transition 90° EII**  
Soc x Fipt With Brass Thread Insert



807-005BR	1/2	20	240	086	27.47
807-007BR	3/4	20	160	086	48.63

Not intended to convey or dispense water for human consumption through drinking or cooking

**90° EII**  
Fipt



808-002	1/4	25	450	080	7.79
808-003	3/8	25	150	080	7.79

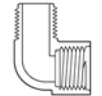
Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° EII (continued)**  
Fipt

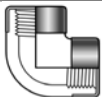
808-005	1/2	20	120	080	7.27
808-007	3/4	20	240	080	9.05
808-010	1	15	120	080	11.39
808-012	1-1/4	10	0	080	12.27
808-015	1-1/2	10	0	080	17.40
808-020	2	10	0	080	19.61
808-025	2-1/2	5	0	080	76.35
808-030	3	5	0	080	123.12
808-040	4	5	0	080	216.64

**90° Street EII**  
Mipt x Fipt



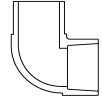
812-002	1/4	50	300	080	9.44
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**Special Reinforced 90° EII**  
SR Fipt - Stainless Steel Collar



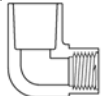
808-003SR	3/8	25	150	086	4.28
808-005SR	1/2	20	120	086	4.28
808-007SR	3/4	20	120	086	5.39
808-010SR	1	50	0	086	6.27
808-012SR	1-1/4	25	0	086	6.70
808-015SR	1-1/2	10	0	086	10.45
808-020SR	2	10	0	086	11.77

**90° Street EII**  
Spig x Soc



809-005	1/2	50	200	080	3.93
809-007	3/4	50	0	080	5.02
809-010	1	50	0	080	8.09
809-012	1-1/4	25	0	080	10.83
809-015	1-1/2	10	0	080	11.61
809-020	2	25	0	080	14.01
809-030	3	5	0	080	39.31
809-040	4	4	0	080	59.73
809-060	6	1	0	080	169.98
809-080	8	2	0	080	468.50
809-100	10	1	0	081	2096.09
809-120	12	1	0	081	2732.31

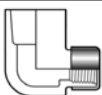
**Reducing 90° EII**  
Soc x Fipt



807-101	3/4X1/2	10	60	080	7.49
807-130 <sup>1</sup>	1X1/2	10	80	080	11.95
807-131 <sup>1</sup>	1X3/4	10	80	080	11.95

<sup>1</sup> Sized with Bushing

**Special Reinforced Reducing 90° EII**  
Soc x SR Fipt - Stainless Steel Collar



807-101SR	3/4X1/2	50	0	086	8.70
807-130SR	1X1/2	50	0	086	9.77

**Transition Reducing 90° EII**  
Soc x Fipt With Brass Thread Insert



807-101BR	3/4X1/2	20	120	086	34.29
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Not intended to convey or dispense water for human consumption through drinking or cooking



**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**60° EII Soc**



824-005F	1/2	1	7	083	70.51
824-007F	3/4	1	6	083	83.26
824-010F	1	1	25	083	90.59
824-012F	1-1/4	1	16	083	92.36
824-015F	1-1/2	1	16	083	98.66
824-020F	2	1	16	083	125.16
824-025F	2-1/2	1	10	083	147.35
824-030F	3	1	4	083	147.62
824-040F	4	1	4	083	189.69
824-060F	6	1	2	083	338.76
824-080F	8	1	2	083	410.59
824-100F	10	1	2	083	701.52
824-120F	12	1	0	083	916.28
824-140F	14	1	0	083	1140.97
824-160F	16	1	0	083	1289.19
824-180F	18	1	0	083	2283.03
824-200F	20	1	0	083	2518.81
824-240F	24	1	0	083	4200.23

**45° EII Soc**



817-002	1/4	25	450	080	11.28
817-003	3/8	25	150	080	11.28
817-005	1/2	20	240	080	5.91
817-007	3/4	20	240	080	9.03
817-010	1	15	120	080	13.54
817-012	1-1/4	10	80	080	17.24
817-015	1-1/2	10	0	080	20.39
817-020	2	10	0	080	26.44
817-025	2-1/2	5	0	080	55.50
817-030	3	5	0	080	67.55
817-040	4	5	0	080	121.65
817-045F	4-1/2	1	2	083	84.27
817-050	5	4	0	080	145.54
817-050F	5	1	4	083	115.00
817-060	6	4	0	080	153.20
817-080	8	2	0	080	332.15
817-100	10	1	0	081	1045.71
817-100F	10	1	2	083	441.31
817-120	12	1	0	081	1348.90
817-120F	12	1	0	083	620.88
817-140F	14	1	0	083	1012.01
817-160F	16	1	0	083	1238.94
817-180F	18	1	0	083	1508.00
817-200F	20	1	0	083	2071.32
817-240F	24	1	0	083	2565.65

**45° EII Fipt**



819-002	1/4	25	450	080	12.79
819-003	3/8	25	150	080	12.79
819-005	1/2	20	120	080	11.67
819-007	3/4	10	120	080	12.54
819-010	1	10	120	080	15.73
819-012	1-1/4	10	80	080	24.00
819-015	1-1/2	10	0	080	30.17
819-020	2	10	0	080	44.73
819-025	2-1/2	5	0	080	88.50
819-030	3	5	0	080	142.35
819-040	4	5	0	080	204.26

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced 45° EII SR Fipt - Stainless Steel Collar**



819-007SR	3/4	10	120	086	7.37
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**45° Street EII Spig x Soc**



827-005	1/2	50	400	080	5.91
827-007	3/4	50	0	080	9.03
827-010	1	50	0	080	13.54
827-012	1-1/4	25	0	080	17.24
827-015	1-1/2	25	0	080	20.39
827-020	2	10	0	080	26.44
827-025	2-1/2	12	0	080	34.86
827-030	3	10	0	080	67.55
827-040	4	5	0	080	121.65
827-050F	5	1	2	083	147.17
827-060	6	4	0	080	180.21
827-080	8	2	0	080	390.78
827-100	10	1	0	081	1230.28
827-120	12	1	0	081	1586.94
827-140F	14	1	0	083	934.06
827-160F	16	1	0	083	1498.35
827-180F	18	1	0	083	1675.01
827-200F	20	1	0	083	2203.59
827-240F	24	1	0	083	3503.89

**30° EII Soc**



815-005F	1/2	1	25	083	25.41
815-007F	3/4	1	25	083	25.59
815-010F	1	1	30	083	28.00
815-012F	1-1/4	1	15	083	30.32
815-015F	1-1/2	1	25	083	30.74
815-020F	2	1	25	083	33.52
815-025F	2-1/2	1	18	083	37.14
815-030F	3	1	20	083	40.52
815-040F	4	1	6	083	53.13
815-045F	4-1/2	1	18	083	80.93
815-050F	5	1	2	083	97.06
815-060	6	5	0	080	180.21
815-080F	8	1	3	083	162.59
815-100F	10	1	2	083	288.16
815-120F	12	1	2	083	421.16
815-140F	14	1	0	083	644.76
815-160F	16	1	0	083	861.86
815-180F	18	1	0	083	1323.99
815-200F	20	1	0	083	1919.49
815-240F	24	1	0	083	2290.13

**22-1/2° EII Soc**



816-005	1/2	20	240	080	6.97
816-007	3/4	20	240	080	10.64
816-010	1	20	160	080	15.94
816-012	1-1/4	20	0	080	20.29
816-015	1-1/2	20	0	080	23.99
816-020	2	20	0	080	31.07
816-025	2-1/2	5	0	080	63.84
816-030	3	5	0	080	79.65
816-040	4	4	0	080	143.13
816-045F	4-1/2	1	18	083	80.93
816-050F	5	1	8	083	97.06



**Schedule 80 PVC Industrial Products & Accessories  
PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**22-1/2° EII (continued)**

**Soc**

816-060	6	4	0	080	180.21
816-060F	6	1	8	083	99.33
816-080	8	4	0	080	390.78
816-080F	8	1	4	083	162.59
816-100F	10	1	2	083	288.16
816-120F	12	1	2	083	421.16
816-140F	14	1	0	083	644.76
816-160F	16	1	0	083	861.86
816-180F	18	1	0	083	1112.61
816-200F	20	1	0	083	1919.49
816-240F	24	1	0	083	2290.13

**22-1/2° Street EII**

**Spig x Soc**



842-005	1/2	50	400	080	7.24
842-007	3/4	50	0	080	11.12
842-010	1	50	0	080	17.48
842-012	1-1/4	20	0	080	21.76
842-015	1-1/2	25	0	080	24.67
842-020	2	20	0	080	31.07
842-025	2-1/2	5	0	080	81.11
842-030	3	5	0	080	89.04
842-040	4	4	0	080	156.60
842-040F	4	1	5	084	99.77
842-060	6	6	0	080	222.57
842-060F	6	1	6	083	125.16
842-080	8	1	2	080	481.21
842-080F	8	1	4	083	165.19
842-100F	10	1	0	083	337.59
842-120F	12	1	2	084	439.88

**15° EII**

**Soc**



818-005F	1/2	1	25	083	25.41
818-007F	3/4	1	23	083	25.59
818-010F	1	1	20	083	28.00
818-012F	1-1/4	15	0	083	30.32
818-015F	1-1/2	1	25	083	30.74
818-020F	2	1	25	083	33.52
818-025F	2-1/2	1	18	083	109.43
818-030F	3	1	35	083	40.52
818-040F	4	1	20	083	53.13
818-045F	4-1/2	1	18	083	80.93
818-050F	5	1	2	083	97.06
818-060F	6	1	8	083	99.33
818-080F	8	1	4	083	162.59
818-100F	10	1	2	083	288.16
818-120F	12	1	2	083	421.16
818-140F	14	1	0	083	644.76
818-160F	16	1	0	083	861.86
818-180F	18	1	0	083	1112.61
818-200F	20	1	0	083	1919.49
818-240F	24	1	0	083	2290.13

**11-1/4° EII**

**Soc**



811-005F	1/2	1	52	083	25.41
811-007F	3/4	1	52	083	25.59
811-010F	1	1	50	083	28.00
811-012F	1-1/4	1	26	083	30.32
811-015	1-1/2	25	0	080	25.35
811-020	2	10	0	080	31.07

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**11-1/4° EII (continued)**

**Soc**

811-025F	2-1/2	1	25	083	37.14
811-030	3	10	0	080	79.65
811-040	4	4	0	080	143.13
811-045F	4-1/2	1	18	083	80.93
811-050F	5	1	4	083	97.06
811-060F	6	1	10	083	99.33
811-080F	8	1	4	083	162.59
811-100F	10	1	2	083	288.16
811-120F	12	1	2	083	421.16
811-140F	14	1	0	083	644.76
811-160F	16	1	0	083	861.86
811-180F	18	1	0	083	1112.61
811-200F	20	1	0	083	1919.49
811-240F	24	1	0	083	2290.13

**Wye**

**Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" - Larger & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

875-005	1/2	25	100	080	13.00
875-007	3/4	25	0	080	13.66
875-010	1	20	0	080	21.86
875-012	1-1/4	20	0	080	33.52
875-015	1-1/2	20	0	080	33.52
875-020	2	10	0	080	96.16
875-025 <sup>1</sup>	2-1/2	4	0	080	438.14
875-030	3	5	0	080	309.11
875-040	4	4	0	080	383.01
875-050F <sup>*</sup>	5	1	2	083	599.17
875-060	6	2	0	080	523.13
875-080	8	1	0	080	1052.03
875-080F	8	1	0	083	810.63
875-100F <sup>*</sup>	10	1	0	083	1272.04
875-120F <sup>*</sup>	12	1	0	083	1616.81
875-140F <sup>*</sup>	14	1	0	083	2700.31
875-160F <sup>*</sup>	16	1	0	083	3547.19
875-180F <sup>*</sup>	18	1	0	083	3976.87
875-200F <sup>*</sup>	20	1	0	083	5312.34
875-240F <sup>*</sup>	24	1	0	083	7070.04

<sup>1</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

**Reducing Wye**

**Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
3" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" - Larger & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

875-101 <sup>1</sup>	3/4X1/2	25	0	080	15.77
875-130 <sup>1</sup>	1X1/2	20	0	080	27.65
875-131 <sup>1</sup>	1X3/4	20	0	080	27.65
875-166 <sup>1</sup>	1-1/4X1/2	20	0	080	42.60
875-167 <sup>1</sup>	1-1/4X3/4	20	0	080	42.60
875-168 <sup>1</sup>	1-1/4X1	20	0	080	42.60
875-209 <sup>1</sup>	1-1/2X1/2	20	0	080	45.63
875-210 <sup>1</sup>	1-1/2X3/4	20	0	080	45.63



**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Wye (continued)**

**Soc**

875-211 <sup>1</sup>	1-1/2X1	20	0	080	45.63
875-212 <sup>1</sup>	1-1/2X1-1/4	20	0	080	45.63
875-247 <sup>1</sup>	2X1/2	10	0	080	114.39
875-248 <sup>1</sup>	2X3/4	10	0	080	114.39
875-249 <sup>1</sup>	2X1	10	0	080	114.39
875-250 <sup>1</sup>	2X1-1/4	10	0	080	114.39
875-251 <sup>1</sup>	2X1-1/2	10	0	080	114.39
875-335 <sup>1</sup>	3X1	5	0	080	360.31
875-336 <sup>1</sup>	3X1-1/4	5	0	080	360.31
875-337 <sup>1</sup>	3X1-1/2	5	0	080	360.31
875-338 <sup>1</sup>	3X2	4	0	080	360.31
875-339 <sup>1</sup>	3X2-1/2	5	0	080	360.31
875-420	4X2	4	0	080	452.99
875-420F <sup>*</sup>	4X2	1	5	083	377.54
875-421 <sup>1</sup>	4X2-1/2	4	0	080	502.11
875-421F <sup>*</sup>	4X2-1/2	1	4	083	421.91
875-422 <sup>1</sup>	4X3	4	0	080	452.99
875-525 <sup>1</sup>	6X1	5	0	080	555.41
875-528 <sup>1</sup>	6X2	5	0	080	493.23
875-528F <sup>*</sup>	6X2	1	3	083	387.87
875-530 <sup>1</sup>	6X3	5	0	080	493.23
875-530F <sup>*</sup>	6X3	1	2	083	421.39
875-532	6X4	5	0	080	398.68
875-578 <sup>1</sup>	8X2	1	0	080	1376.22
875-578F <sup>*</sup>	8X2	1	2	083	627.53
875-579F <sup>*</sup>	8X2-1/2	1	2	083	641.60
875-580 <sup>1</sup>	8X3	1	0	080	1376.22
875-580F <sup>*</sup>	8X3	1	2	083	637.40
875-582 <sup>1</sup>	8X4	1	0	080	1376.22
875-582F <sup>*</sup>	8X4	1	2	083	675.85
875-585 <sup>1</sup>	8X6	1	0	080	1283.76
875-585F <sup>*</sup>	8X6	1	0	083	796.97
875-621F <sup>*</sup>	10X2	1	0	083	844.78
875-622F <sup>*</sup>	10X2-1/2	1	0	083	850.66
875-623F <sup>*</sup>	10X3	1	0	083	861.23
875-624F <sup>*</sup>	10X4	1	0	083	938.64
875-625F <sup>*</sup>	10X5	1	0	083	1051.96
875-626	10X6	1	0	081	1486.28
875-626F <sup>*</sup>	10X6	1	0	083	1068.09
875-628	10X8	1	0	081	1892.27
875-628F <sup>*</sup>	10X8	1	0	083	1235.26
875-661F <sup>*</sup>	12X2	1	0	083	937.48
875-662F <sup>*</sup>	12X2-1/2	1	0	083	1022.05
875-663F <sup>*</sup>	12X3	1	0	083	1118.43
875-664F <sup>*</sup>	12X4	1	0	083	1184.45
875-666F <sup>*</sup>	12X6	1	0	083	1350.82
875-668F <sup>*</sup>	12X8	1	0	083	1479.86
875-670F <sup>*</sup>	12X10	1	0	083	1568.26
875-694F <sup>*</sup>	14X4	1	0	083	1465.83
875-696F <sup>*</sup>	14X6	1	0	083	1551.16
875-698F <sup>*</sup>	14X8	1	0	083	1586.94
875-700F <sup>*</sup>	14X10	1	0	083	1771.81
875-702F <sup>*</sup>	14X12	1	0	083	2008.17
875-754F <sup>*</sup>	16X4	1	0	083	1596.45
875-756F <sup>*</sup>	16X6	1	0	083	1603.37
875-758F <sup>*</sup>	16X8	1	0	083	1809.53
875-760F <sup>*</sup>	16X10	1	0	083	2037.07
875-762F <sup>*</sup>	16X12	1	0	083	2219.47
875-764F <sup>*</sup>	16X14	1	0	083	2570.27
875-784F <sup>*</sup>	18X4	1	0	083	2865.94
875-786F <sup>*</sup>	18X6	1	0	083	3236.16
875-788F <sup>*</sup>	18X8	1	0	083	3356.36
875-790F <sup>*</sup>	18X10	1	0	083	3607.44
875-792F <sup>*</sup>	18X12	1	0	083	3621.20
875-794F <sup>*</sup>	18X14	1	0	083	3911.07

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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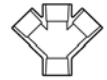
**Reducing Wye (continued)**

**Soc**

875-796F <sup>*</sup>	18X16	1	0	083	3938.64
875-814F <sup>*</sup>	20X4	1	0	083	3541.55
875-816F <sup>*</sup>	20X6	1	0	083	3816.26
875-818F <sup>*</sup>	20X8	1	0	083	4032.94
875-820F <sup>*</sup>	20X10	1	0	083	4169.53
875-822F <sup>*</sup>	20X12	1	0	083	4319.27
875-824F <sup>*</sup>	20X14	1	0	083	4662.76
875-826F <sup>*</sup>	20X16	1	0	083	5048.65
875-828F <sup>*</sup>	20X18	1	0	083	5240.45
875-904F <sup>*</sup>	24X4	1	0	083	4406.20
875-906F <sup>*</sup>	24X6	1	0	083	4557.80
875-908F <sup>*</sup>	24X8	1	0	083	4674.47
875-910F <sup>*</sup>	24X10	1	0	083	4886.00
875-912F <sup>*</sup>	24X12	1	0	083	5196.57
875-914F <sup>*</sup>	24X14	1	0	083	5398.13
875-916F <sup>*</sup>	24X16	1	0	083	5759.03
875-918F <sup>*</sup>	24X18	1	0	083	6641.34
875-920F <sup>*</sup>	24X20	1	0	083	6952.43

<sup>1</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.



**Double Wye**

**Soc**

100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

876-020F <sup>*</sup>	2	1	4	083	317.94
876-030F <sup>*</sup>	3	1	4	083	400.68
876-040F <sup>*</sup>	4	1	2	083	727.63
876-060F <sup>*</sup>	6	1	0	083	850.47
876-080F <sup>*</sup>	8	1	0	083	1013.28
876-100F <sup>*</sup>	10	1	0	083	1805.57
876-120F <sup>*</sup>	12	1	0	083	2542.66

For larger sizes please contact your Regional Spears® Distribution Center.



**Reducing Double Wye**

**Soc**

Size 3" is 150 psi, all Fabricated Sizes- 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

876-338	3X2	5	0	080	386.64
876-420F <sup>*</sup>	4X2	1	2	083	504.94
876-421F <sup>*</sup>	4X2-1/2	1	2	083	571.70
876-422F <sup>*</sup>	4X3	1	2	083	591.34
876-528F <sup>*</sup>	6X2	1	2	083	594.17
876-529F <sup>*</sup>	6X2-1/2	1	2	083	620.62
876-530F <sup>*</sup>	6X3	1	2	083	624.65
876-532F <sup>*</sup>	6X4	1	0	083	744.59
876-578F <sup>*</sup>	8X2	1	2	083	766.41
876-579F <sup>*</sup>	8X2-1/2	1	2	083	802.59
876-580F <sup>*</sup>	8X3	1	0	083	807.49
876-582F <sup>*</sup>	8X4	1	0	083	833.54
876-585F <sup>*</sup>	8X6	1	0	083	941.16
876-621F <sup>*</sup>	10X2	1	0	083	1021.94
876-622F <sup>*</sup>	10X2-1/2	1	0	083	1100.06
876-623F <sup>*</sup>	10X3	1	0	083	1106.59
876-624F <sup>*</sup>	10X4	1	0	083	1148.59
876-626F <sup>*</sup>	10X6	1	0	083	1202.26
876-628F <sup>*</sup>	10X8	1	0	083	1545.14
876-661F <sup>*</sup>	12X2	1	0	083	1141.88
876-662F <sup>*</sup>	12X2-1/2	1	0	083	1209.63
876-663F <sup>*</sup>	12X3	1	0	083	1228.72
876-664F <sup>*</sup>	12X4	1	0	083	1308.82
876-666F <sup>*</sup>	12X6	1	0	083	1518.85



**Schedule 80 PVC Industrial Products & Accessories  
PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Double Wye (continued)**

**Soc**

876-668F*	<b>12X8</b>	1	0	083	1814.21
876-670F*	<b>12X10</b>	1	0	083	2069.17

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

For larger sizes please contact your Regional Spears® Distribution Center.

**Cross**

**Soc**



820-002	<b>1/4</b>	25	150	080	43.64
820-005	<b>1/2</b>	50	0	080	43.64
820-007	<b>3/4</b>	50	0	080	45.93
820-010	<b>1</b>	50	0	080	53.78
820-012	<b>1-1/4</b>	25	0	080	64.53
820-015	<b>1-1/2</b>	25	0	080	69.57
820-020	<b>2</b>	10	0	080	86.14
820-025	<b>2-1/2</b>	10	0	080	117.45
820-030	<b>3</b>	5	0	080	146.49
820-040	<b>4</b>	3	0	080	254.88
820-060F	<b>6</b>	1	0	083	612.47
820-080F	<b>8</b>	1	0	083	895.56
820-100F	<b>10</b>	1	0	083	1444.46
820-120F	<b>12</b>	1	0	083	2034.14
820-140F	<b>14</b>	1	0	083	3269.21
820-160F	<b>16</b>	1	0	083	3705.04
820-180F	<b>18</b>	1	0	083	3886.23
820-200F	<b>20</b>	1	0	083	5658.71
820-240F	<b>24</b>	1	0	083	8503.36

**Reducing Cross**

**Soc**



820-101 <sup>1</sup>	<b>3/4X1/2</b>	50	0	080	50.60
820-130 <sup>1</sup>	<b>1X1/2</b>	25	0	080	65.55
820-131	<b>1X3/4</b>	20	0	080	65.55
820-166 <sup>1</sup>	<b>1-1/4X1/2</b>	25	0	080	62.96
820-167	<b>1-1/4X3/4</b>	25	0	080	58.09
820-168 <sup>1</sup>	<b>1-1/4X1</b>	25	0	080	82.78
820-209 <sup>1</sup>	<b>1-1/2X1/2</b>	20	0	080	93.89
820-210 <sup>1</sup>	<b>1-1/2X3/4</b>	50	0	080	93.89
820-211 <sup>1</sup>	<b>1-1/2X1</b>	25	0	080	93.89
820-212 <sup>1</sup>	<b>1-1/2X1-1/4</b>	25	0	080	93.89
820-247 <sup>1</sup>	<b>2X1/2</b>	10	0	080	120.46
820-248 <sup>1</sup>	<b>2X3/4</b>	10	0	080	120.46
820-249 <sup>1</sup>	<b>2X1</b>	10	0	080	120.46
820-250 <sup>1</sup>	<b>2X1-1/4</b>	10	0	080	120.46
820-251 <sup>1</sup>	<b>2X1-1/2</b>	10	0	080	120.46
820-289	<b>2-1/2X1</b>	15	0	080	105.68
820-290 <sup>1</sup>	<b>2-1/2X1-1/4</b>	10	0	080	176.44
820-291 <sup>1</sup>	<b>2-1/2X1-1/2</b>	10	0	080	176.44
820-292 <sup>1</sup>	<b>2-1/2X2</b>	4	0	080	176.44
820-335 <sup>1</sup>	<b>3X1</b>	4	0	080	239.27
820-336 <sup>1</sup>	<b>3X1-1/4</b>	4	0	080	239.27
820-337 <sup>1</sup>	<b>3X1-1/2</b>	4	0	080	239.27
820-338 <sup>1</sup>	<b>3X2</b>	4	0	080	239.27
820-339 <sup>1</sup>	<b>3X2-1/2</b>	4	0	080	239.27
820-420 <sup>1</sup>	<b>4X2</b>	3	0	080	384.41
820-422 <sup>1</sup>	<b>4X3</b>	3	0	080	384.41
820-528F	<b>6X2</b>	1	4	083	475.33
820-530F	<b>6X3</b>	1	2	083	499.72
820-532F	<b>6X4</b>	1	2	083	595.62
820-578F	<b>8X2</b>	1	0	083	613.37
820-580F	<b>8X3</b>	1	0	083	645.69
820-582F	<b>8X4</b>	1	0	083	666.85

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Cross (continued)**

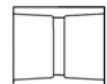
**Soc**

820-585F	<b>8X6</b>	1	0	083	720.62
820-621F	<b>10X2</b>	1	0	083	816.50
820-622F	<b>10X2-1/2</b>	1	0	083	839.38
820-623F	<b>10X3</b>	1	0	083	885.32
820-624F	<b>10X4</b>	1	0	083	918.98
820-626F	<b>10X6</b>	1	0	083	961.71
820-628F	<b>10X8</b>	1	0	083	1236.80
820-661F	<b>12X2</b>	1	0	083	913.50
820-663F	<b>12X3</b>	1	0	083	984.19
820-664F	<b>12X4</b>	1	0	083	1047.46
820-666F	<b>12X6</b>	1	0	083	1216.37
820-668F	<b>12X8</b>	1	0	083	1453.03
820-670F	<b>12X10</b>	1	0	083	988.23
820-691F	<b>14X2</b>	1	0	083	1310.80
820-693F	<b>14X3</b>	1	0	083	1410.69
820-694F	<b>14X4</b>	1	0	083	1548.89
820-696F	<b>14X6</b>	1	0	083	1710.77
820-698F	<b>14X8</b>	1	0	083	1946.10
820-700F	<b>14X10</b>	1	0	083	2248.54
820-702F	<b>14X12</b>	1	0	083	2543.28
820-751F	<b>16X2</b>	1	0	083	1639.85
820-753F	<b>16X3</b>	1	0	083	1765.98
820-754F	<b>16X4</b>	1	0	083	1959.06
820-756F	<b>16X6</b>	1	0	083	2118.79
820-758F	<b>16X8</b>	1	0	083	2369.85
820-760F	<b>16X10</b>	1	0	083	2582.41
820-762F	<b>16X12</b>	1	0	083	2900.49
820-764F	<b>16X14</b>	1	0	083	3632.44
820-784F	<b>18X4</b>	1	0	083	2765.40
820-786F	<b>18X6</b>	1	0	083	2886.35
820-788F	<b>18X8</b>	1	0	083	3097.59
820-790F	<b>18X10</b>	1	0	083	3308.67
820-792F	<b>18X12</b>	1	0	083	3464.68
820-794F	<b>18X14</b>	1	0	083	3670.96
820-796F	<b>18X16</b>	1	0	083	3825.13
820-814F	<b>20X4</b>	1	0	083	3467.59
820-816F	<b>20X6</b>	1	0	083	3994.16
820-818F	<b>20X8</b>	1	0	083	4039.02
820-820F	<b>20X10</b>	1	0	083	4318.03
820-822F	<b>20X12</b>	1	0	083	4630.07
820-824F	<b>20X14</b>	1	0	083	5169.91
820-826F	<b>20X16</b>	1	0	083	5270.71
820-828F	<b>20X18</b>	1	0	083	5555.43
820-904F	<b>24X4</b>	1	0	083	4139.80
820-906F	<b>24X6</b>	1	0	083	4400.29
820-908F	<b>24X8</b>	1	0	083	4572.11
820-910F	<b>24X10</b>	1	0	083	4637.43
820-912F	<b>24X12</b>	1	0	083	4849.27
820-914F	<b>24X14</b>	1	0	083	5769.97
820-916F	<b>24X16</b>	1	0	083	6161.72
820-918F	<b>24X18</b>	1	0	083	7069.99
820-920F	<b>24X20</b>	1	0	083	8453.65

<sup>1</sup> Sized with Bushing

**Coupling**

**Soc**



829-002	<b>1/4</b>	25	450	080	9.09
829-003	<b>3/8</b>	25	150	080	9.09
829-005	<b>1/2</b>	25	150	080	5.68
829-007	<b>3/4</b>	25	300	080	7.69
829-010	<b>1</b>	25	200	080	7.90
829-012	<b>1-1/4</b>	10	80	080	12.04
829-015	<b>1-1/2</b>	10	80	080	12.98



**Schedule 80 PVC Industrial Products & Accessories  
PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Coupling (continued)**

**Soc**

829-020	2	20	0	080	13.94
829-025	2-1/2	10	0	080	34.30
829-030	3	5	0	080	39.39
829-040	4	5	0	080	49.33
829-050	5	5	0	080	97.83
829-050F	5	1	5	083	61.06
829-060	6	4	0	080	106.17
829-080	8	4	0	080	144.49
829-100	10	1	0	081	495.91
829-100F	10	1	0	083	167.01
829-120	12	1	0	081	571.53
829-120F	12	1	0	083	192.51
829-140	14	1	0	081	727.15
829-140F	14	1	0	083	384.95
829-160F	16	1	0	083	457.66
829-180F	18	1	0	083	902.11
829-200F	20	1	0	083	1112.26
829-240F	24	1	0	083	1221.27

**Grooved Coupling Adapter**

**Groove x Soc**



833-012	1-1/4	10	60	080	15.77
833-015	1-1/2	10	80	080	17.62
833-020	2	10	80	080	20.50
833-025	2-1/2	5	0	080	44.27
833-030	3	5	0	080	52.77
833-040	4	5	0	080	59.89
833-050F	5	1	7	084	114.96
833-060	6	5	0	080	129.31
833-080F	8	1	4	084	148.29
833-100F	10	1	0	084	182.10
833-120F	12	1	0	084	246.00

**Coupling**

**Fipt**



830-002	1/4	25	450	080	6.81
830-003	3/8	25	150	080	6.81
830-005	1/2	25	150	080	6.36
830-007	3/4	25	300	080	9.06
830-010	1	15	90	080	9.73
830-012	1-1/4	10	120	080	12.04
830-015	1-1/2	10	80	080	26.79
830-020	2	10	0	080	28.12
830-025	2-1/2	5	0	080	67.13
830-030	3	5	0	080	78.72
830-040	4	5	0	080	136.31
830-060F	6	1	8	083	171.79
830-080F	8	1	6	083	252.62
830-100F	10	1	2	083	343.60

**Special Reinforced Coupling**

**SR Fipt - Stainless Steel Collar**

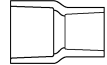


830-005SR	1/2	25	150	086	3.51
830-007SR	3/4	25	150	086	4.99
830-010SR	1	25	200	086	5.33
830-012SR	1-1/4	10	120	086	6.64
830-015SR	1-1/2	10	80	086	14.70
830-020SR	2	10	0	086	15.41

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Coupling**

**Soc**



829-101	3/4X1/2	50	400	080	6.95
829-130	1X1/2	25	200	080	9.71
829-131	1X3/4	25	200	080	10.14
829-166	1-1/4X1/2	25	0	080	20.59
829-167	1-1/4X3/4	25	0	080	20.59
829-168	1-1/4X1	25	0	080	20.59
829-209	1-1/2X1/2	25	0	080	21.55
829-210	1-1/2X3/4	25	0	080	21.55
829-211	1-1/2X1	25	0	080	21.55
829-212	1-1/2X1-1/4	25	0	080	26.63
829-247	2X1/2	25	0	080	24.30
829-248	2X3/4	10	80	080	24.30
829-249	2X1	16	0	080	24.30
829-250	2X1-1/4	10	40	080	24.30
829-251	2X1-1/2	10	40	080	24.30
829-291	2-1/2X1-1/2	10	0	080	32.41
829-292	2-1/2X2	10	0	080	32.41
829-335 <sup>1</sup>	3X1	8	0	080	74.12
829-336 <sup>1</sup>	3X1-1/4	6	0	080	74.12
829-337 <sup>1</sup>	3X1-1/2	8	0	080	74.12
829-338	3X2	8	0	080	59.69
829-339 <sup>1</sup>	3X2-1/2	5	0	080	85.11
829-339F	3X2-1/2	1	9	083	53.54
829-416 <sup>1</sup>	4X3/4	6	0	080	123.26
829-417 <sup>1</sup>	4X1	6	0	080	123.26
829-419 <sup>1</sup>	4X1-1/2	4	0	080	123.26
829-420	4X2	6	0	080	113.79
829-421	4X2-1/2	4	0	080	113.79
829-422	4X3	4	0	080	112.45
829-460F	4-1/2X4	1	20	083	74.44
829-487F	5X2-1/2	1	6	083	110.52
829-488F	5X3	1	6	083	107.15
829-490F	5X4	1	8	083	57.80
829-491F	5X4-1/2	1	10	083	81.60
829-528 <sup>1</sup>	6X2	6	0	080	281.56
829-529 <sup>1</sup>	6X2-1/2	4	0	080	337.64
829-530 <sup>1</sup>	6X3	12	0	080	284.43
829-530F	6X3	1	10	083	106.14
829-532	6X4	4	0	080	229.36
829-534F	6X4-1/2	1	5	083	92.80
829-533F	6X5	1	5	083	97.31
829-579F	8X2-1/2	1	6	083	293.77
829-580F	8X3	1	6	083	269.20
829-582F	8X4	1	6	083	251.22
829-583F	8X5	1	4	083	276.16
829-585	8X6	2	0	080	694.67
829-621F	10X2	1	2	083	433.32
829-623F	10X3	1	2	083	405.68
829-624F	10X4	1	2	083	382.88
829-625F	10X5	1	4	083	348.13
829-626	10X6	1	0	081	813.26
829-626F	10X6	1	4	083	313.77
829-628	10X8	1	0	081	813.26
829-663F	12X3	1	2	083	625.48
829-664F	12X4	1	2	083	534.32
829-665F	12X5	1	2	083	495.72
829-666F	12X6	1	0	083	462.20
829-668	12X8	1	0	081	925.41
829-668F	12X8	1	0	083	357.87
829-670F	12X10	1	0	083	241.77
829-691F	14X2	1	0	083	932.31
829-694F	14X4	1	0	083	778.50
829-696F	14X6	1	0	083	657.57

**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Coupling (continued)**

**Soc**

829-698F	14X8	1	0	083	601.72
829-700F	14X10	1	0	083	588.52
829-702F	14X12	1	0	083	352.99
829-754F	16X4	1	0	083	1155.86
829-756F	16X6	1	0	083	1045.38
829-758F	16X8	1	0	083	918.13
829-760F	16X10	1	0	083	815.53
829-762F	16X12	1	0	083	687.41
829-764F	16X14	1	0	083	521.83
829-783F	18X3	1	0	083	2508.07
829-784F	18X4	1	0	083	2438.84
829-786F	18X6	1	0	083	2279.76
829-788F	18X8	1	0	083	2158.56
829-790F	18X10	1	0	083	1952.65
829-792F	18X12	1	0	083	1607.27
829-794F	18X14	1	0	083	1088.06
829-796F	18X16	1	0	083	928.91
829-814F	20X4	1	0	083	2414.47
829-816F	20X6	1	0	083	2223.06
829-818F	20X8	1	0	083	2124.82
829-820F	20X10	1	0	083	2050.29
829-822F	20X12	1	0	083	1773.69
829-824F	20X14	1	0	083	1769.00
829-826F	20X16	1	0	083	1625.01
829-828F	20X18	1	0	083	1120.57
829-904F	24X4	1	0	083	3862.18
829-906F	24X6	1	0	083	3803.37
829-908F	24X8	1	0	083	3720.95
829-910F	24X10	1	0	083	3631.20
829-912F	24X12	1	0	083	3303.30
829-914F	24X14	1	0	083	3046.86
829-916F	24X16	1	0	083	2776.78
829-918F	24X18	1	0	083	2536.40
829-920F	24X20	1	0	083	2394.88

<sup>1</sup> Sized with Bushing

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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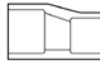
**Eccentric Reducer Coupling (continued)**

**Soc**

829-528FE <sup>3</sup>	6X2	1	6	083	171.76
829-529FE <sup>3</sup>	6X2-1/2	1	2	083	156.78
829-530FE <sup>2</sup>	6X3	1	6	083	151.31
829-532FE	6X4	1	5	083	109.54
829-533FE	6X5	1	5	083	101.02
829-575FE <sup>5</sup>	8X1	1	0	083	350.40
829-577FE <sup>5</sup>	8X1-1/2	1	0	083	342.53
829-578FE <sup>4</sup>	8X2	1	0	083	304.33
829-580FE <sup>3</sup>	8X3	1	2	083	231.94
829-582FE <sup>2</sup>	8X4	1	2	083	189.46
829-583FE <sup>2</sup>	8X5	1	2	083	189.06
829-585FE	8X6	1	4	083	145.69
829-624FE <sup>3</sup>	10X4	1	0	083	320.61
829-625FE <sup>3</sup>	10X5	1	0	083	365.00
829-626FE <sup>2</sup>	10X6	1	2	083	272.11
829-628FE	10X8	1	2	083	251.44
829-664FE <sup>4</sup>	12X4	1	0	083	490.28
829-666FE <sup>3</sup>	12X6	1	0	083	403.49
829-668FE <sup>2</sup>	12X8	1	0	083	348.59
829-670FE	12X10	1	2	083	222.82
829-696FE <sup>3</sup>	14X6	1	0	083	798.65
829-698FE <sup>2</sup>	14X8	1	0	083	656.77
829-700FE	14X10	1	0	083	544.72
829-702FE	14X12	1	0	083	349.94
829-756FE <sup>4</sup>	16X6	1	0	083	1475.54
829-758FE <sup>3</sup>	16X8	1	0	083	1351.18
829-760FE <sup>2</sup>	16X10	1	0	083	982.94
829-762FE <sup>2</sup>	16X12	1	0	083	872.69
829-764FE	16X14	1	0	083	675.95
829-786FE <sup>5</sup>	18X6	1	0	083	2036.86
829-788FE <sup>4</sup>	18X8	1	0	083	1949.82
829-790FE <sup>3</sup>	18X10	1	0	083	1822.05
829-792FE <sup>3</sup>	18X12	1	0	083	1626.32
829-794FE <sup>2</sup>	18X14	1	0	083	1340.80
829-796FE	18X16	1	0	083	1308.31

**Eccentric Reducer Coupling**

**Soc**

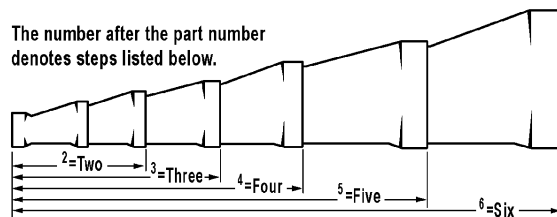


829-101FE	3/4X1/2	1	25	083	36.63
829-130FE	1X1/2	1	16	083	25.70
829-131FE	1X3/4	1	15	083	37.71
829-168FE	1-1/4X1	1	12	083	29.89
829-209FE	1-1/2X1/2	1	0	083	47.33
829-210FE	1-1/2X3/4	1	25	083	48.98
829-212FE	1-1/2X1-1/4	1	20	083	31.04
829-249FE	2X1	1	25	083	44.26
829-250FE	2X1-1/4	1	25	083	41.13
829-251FE	2X1-1/2	1	10	083	39.24
829-290FE <sup>2</sup>	2-1/2X1-1/4	1	10	083	60.96
829-291FE <sup>2</sup>	2-1/2X1-1/2	1	20	083	59.26
829-292FE	2-1/2X2	1	10	083	45.76
829-335FE <sup>2</sup>	3X1	1	10	083	60.05
829-336FE <sup>2</sup>	3X1-1/4	1	10	083	57.84
829-337FE <sup>2</sup>	3X1-1/2	1	10	083	55.57
829-338E	3X2	15	0	080	59.69
829-338FE	3X2	1	20	083	35.49
829-339FE	3X2-1/2	1	10	083	34.72
829-417FE <sup>3</sup>	4X1	1	18	083	145.95
829-418FE <sup>3</sup>	4X1-1/4	1	6	083	143.36
829-419FE <sup>3</sup>	4X1-1/2	1	6	083	138.80
829-420FE <sup>2</sup>	4X2	1	10	083	96.91
829-421FE <sup>2</sup>	4X2-1/2	1	6	083	80.81
829-422FE	4X3	1	10	083	73.29
829-490FE	5X4	1	8	083	97.53

**Eccentric Reducer Coupling Footnotes**

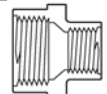
Multi-Step Configurations

The number after the part number denotes steps listed below.



Example: 829-582 FE<sup>2</sup> (2= 2 Step)

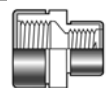
**Reducer Coupling**  
**Fipt**



830-101	3/4X1/2	50	200	080	7.56
830-211 <sup>1</sup>	1-1/2X1	10	40	080	36.86

<sup>1</sup> Sized with Bushing

**Special Reinforced Reducer Coupling**  
**SR Fipt - Stainless Steel Collar**



830-101SR	3/4X1/2	50	200	086	4.54
830-130SR	1X1/2	50	0	086	6.74
830-131SR	1X3/4	25	200	086	6.74
830-168SR	1-1/4X1	25	0	086	14.46
830-210SR	1-1/2X3/4	25	0	086	21.46



**Schedule 80 PVC Industrial Products & Accessories  
PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Reducer Coupling (continued)**  
SR Fipt - Stainless Steel Collar

830-211SR	1-1/2X1	10	80	086	21.46
830-212SR	1-1/2X1-1/4	10	80	086	21.46
830-249SR	2X1	25	0	086	28.44
830-251SR	2X1-1/2	10	0	086	28.44

**Fabricated Repair Coupling Gasket**



828-020F	2	1	15	083	78.06
828-030F	3	1	5	083	99.44
828-040F	4	1	4	083	123.91
828-060F	6	1	2	083	143.55
828-080F	8	1	2	083	188.73
828-100F	10	1	0	083	337.93
828-120F	12	1	0	083	430.47
828-140F	14	1	0	083	986.80
828-160F	16	1	0	083	1177.56
828-180F	18	1	0	083	2032.21
828-200F	20	1	0	083	2194.80
828-240F	24	1	0	083	3012.18

**Female Adapter Soc x Fipt**



835-002	1/4	25	450	080	9.61
835-003	3/8	25	400	080	9.61
835-005	1/2	25	150	080	5.32
835-007	3/4	25	150	080	7.90
835-010	1	15	90	080	11.65
835-012	1-1/4	10	120	080	18.87
835-015	1-1/2	10	80	080	23.13
835-020	2	10	0	080	40.36
835-025	2-1/2	5	0	080	63.72
835-030	3	5	0	080	71.73
835-040	4	5	0	080	123.28
835-060	6	6	0	080	145.98
835-060F	6	1	8	083	191.69
835-080	8	3	0	080	274.44
835-080F	8	1	6	083	226.60
835-100F	10	1	2	083	248.38
835-120F	12	1	0	083	313.46

**Special Reinforced Female Adapter Soc x SR Fipt - Stainless Steel Collar**



835-002SR	1/4	25	450	086	5.31
835-003SR	3/8	25	300	086	5.31
835-005SR	1/2	25	300	086	2.95
835-007SR	3/4	25	300	086	4.29
835-010SR	1	25	200	086	6.38
835-012SR	1-1/4	10	60	086	10.32
835-015SR	1-1/2	10	80	086	12.70
835-020SR	2	10	0	086	22.15
835-025SR	2-1/2	5	0	086	34.95
835-030SR	3	15	0	086	39.38
835-040SR	4	5	0	086	67.68
835-060SR	6	6	0	086	87.93

**Encapsulated Special Reinforced Female Adapter Soc x ESR Fipt**



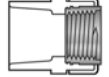
835-002ESR	1/4	25	450	086	7.69
835-003ESR	3/8	25	300	086	7.69
835-005ESR	1/2	25	300	086	4.77

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Encapsulated Special Reinforced Female Adapter Soc x ESR Fipt (continued)**

835-007ESR	3/4	25	300	086	7.04
835-010ESR	1	25	200	086	9.32
835-012ESR	1-1/4	10	80	086	15.04
835-015ESR	1-1/2	10	80	086	21.73
835-020ESR	2	10	0	086	32.30

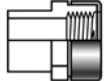
**Transition Female Adapter Soc x Fipt With Brass Thread Insert**



835-005BR	1/2	25	150	086	23.72
835-007BR	3/4	25	150	086	34.07
835-010BR	1	15	90	086	58.71
835-012BR	1-1/4	15	60	086	96.68
835-015BR	1-1/2	10	40	086	127.01
835-020BR	2	8	32	086	157.31

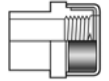
Not intended to convey or dispense water for human consumption through drinking or cooking

**Special Reinforced Spigot Female Adapter Spig x SR Fipt - Stainless Steel Collar**



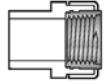
878-005SR	1/2	50	600	086	3.88
878-007SR	3/4	25	300	086	4.57
878-010SR	1	50	0	086	7.04
878-012SR	1-1/4	25	0	086	11.21
878-015SR	1-1/2	25	0	086	13.44
878-020SR	2	15	0	086	22.37
878-030SR	3	5	0	086	41.12
878-040SR	4	5	0	086	69.81

**Encapsulated Special Reinforced Spigot Female Adapter Spig x ESR Fipt**



878-005ESR	1/2	50	600	086	5.29
878-007ESR	3/4	25	300	086	7.29
878-010ESR	1	50	0	086	10.00
878-012ESR	1-1/4	25	0	086	15.39
878-015ESR	1-1/2	25	0	086	21.85
878-020ESR	2	15	0	086	32.93

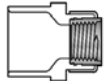
**Transition Female Adapter Spig x Fipt With Brass Thread Insert**



878-005BR	1/2	25	150	086	19.95
878-010BR	1	15	90	086	63.47

Not intended to convey or dispense water for human consumption through drinking or cooking

**Transition Reducing Female Adapter Soc x Fipt With Brass Thread Insert**



835-101BR	3/4X1/2	50	0	086	35.22
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Not intended to convey or dispense water for human consumption through drinking or cooking

**Transition Male Adapter w/ Brass Thread Brass Mipt x Socket**



836-005BR	1/2	40	160	086	26.11
836-007BR	3/4	40	160	086	39.37
836-010BR	1	10	60	086	64.02
836-012BR	1-1/4	10	60	086	107.84
836-015BR	1-1/2	10	40	086	143.10
836-020BR	2	8	32	086	177.77



**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Transition Female Adapter**  
Soc x Fipt With 316 Stainless Steel Thread Insert



835-005SS	1/2	25	300	086	46.48
835-007SS	3/4	15	90	086	66.80
835-010SS	1	15	90	086	113.67
835-012SS	1-1/4	15	60	086	189.84
835-015SS	1-1/2	10	40	086	247.99
835-020SS	2	8	32	086	318.13

**Special Reinforced Reducing Female Adapter**  
Soc x SR Fipt - Stainless Steel Collar



835-074SR	1/2X3/4	50	400	086	4.29
835-101SR	3/4X1/2	50	400	086	4.29
835-102SR	3/4X1	50	0	086	6.38
835-130SR	1X1/2	50	0	086	6.38
835-131SR	1X3/4	25	200	086	6.38

**Special Reinforced Reducing Spigot Female Adapter**

Spig x SR Fipt - Stainless Steel Collar



878-072SR	1/2X1/4	25	450	086	10.78
878-098SR	3/4X1/4	50	400	086	14.86
878-128SR	1X1/4	50	400	086	15.32

**Male Adapter**  
Mipt x Soc



836-053	3/8X1/2	50	900	080	6.61
836-005	1/2	25	150	080	6.64
836-007	3/4	25	300	080	7.32
836-102	3/4X1	50	0	080	15.68
836-131	1X3/4	50	400	080	15.68
836-010	1	20	120	080	12.67
836-012	1-1/4	10	120	080	14.82
836-015	1-1/2	10	120	080	21.29
836-020	2	10	80	080	30.79
836-025	2-1/2	5	0	080	35.00
836-030	3	5	0	080	38.85
836-040	4	4	0	080	69.12
836-050F	5	1	8	083	210.14
836-060	6	5	0	080	153.54
836-080F	8	1	2	083	165.55
836-100F	10	1	2	083	198.13
836-120F	12	1	0	083	294.44

**Reinforced Male Adapter**  
R Mipt x Soc - Stainless Steel Sleeve



836-005R	1/2	25	150	086	3.65
836-007R	3/4	25	300	086	4.00
836-010R	1	10	60	086	7.01

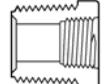
**Male Adapter**  
Spig x Mipt



861-005	1/2	50	300	080	6.68
861-007	3/4	25	300	080	9.85
861-010	1	50	0	080	14.55
861-131	1X3/4	50	200	080	15.01
861-012	1-1/4	25	0	080	15.77
861-015	1-1/2	25	0	080	17.62
861-020	2	25	0	080	20.50

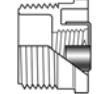
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer (T.T.) Bushing Flush Style**  
Mipt x Fipt



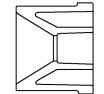
839-041	1/4X1/8	25	500	080	11.45
839-052	3/8X1/4	50	450	080	11.45
839-072	1/2X1/4	50	300	080	11.45
839-073	1/2X3/8	50	300	080	11.45
839-098	3/4X1/4	50	300	080	8.53
839-099	3/4X3/8	50	300	080	8.53
839-101	3/4X1/2	50	300	080	7.03
839-128	1X1/4	25	150	080	13.77
839-129	1X3/8	50	600	080	11.01
839-130	1X1/2	50	300	080	11.01
839-131	1X3/4	50	700	080	11.01
839-166	1-1/4X1/2	25	300	080	11.68
839-167	1-1/4X3/4	25	300	080	11.68
839-168	1-1/4X1	25	300	080	11.68
839-209	1-1/2X1/2	25	200	080	13.84
839-210	1-1/2X3/4	25	200	080	13.84
839-211	1-1/2X1	25	200	080	13.84
839-212	1-1/2X1-1/4	25	200	080	13.84
839-247	2X1/2	10	120	080	20.28
839-248	2X3/4	10	120	080	20.28
839-249	2X1	10	120	080	20.28
839-250	2X1-1/4	10	120	080	20.28
839-251	2X1-1/2	10	120	080	20.28
839-292	2-1/2X2	10	80	080	27.46
839-337	3X1-1/2	10	0	080	37.33
839-338	3X2	10	0	080	37.33
839-339	3X2-1/2	10	0	080	37.33
839-420	4X2	6	0	080	76.94
839-422	4X3	6	0	080	98.26

**Special Reinforced Reducer Bushing**  
Mipt x SR Fipt - Stainless Steel Collar



839-128SR	1X1/4	25	150	086	5.68
839-209SR	1-1/2X1/2	25	200	086	8.30
839-210SR	1-1/2X3/4	25	100	086	8.30
839-247SR	2X1/2	10	120	086	12.19
839-248SR	2X3/4	10	120	086	12.19
839-249SR	2X1	10	120	086	12.19
839-420SR	4X2	6	0	086	46.16

**Reducer Bushing Flush Style**  
Spig x Soc



837-052	3/8X1/4	50	450	080	5.02
837-072	1/2X1/4	50	600	080	5.02
837-073	1/2X3/8	50	600	080	5.02
837-101	3/4X1/2	50	600	080	1.83
837-129 <sup>1</sup>	1X3/8	50	200	080	10.46
837-130	1X1/2	50	300	080	5.24
837-131	1X3/4	50	400	080	5.24
837-166	1-1/4X1/2	25	150	080	8.22
837-167	1-1/4X3/4	25	300	080	8.22
837-168	1-1/4X1	25	200	080	8.22
837-209	1-1/2X1/2	25	200	080	11.20
837-210	1-1/2X3/4	25	200	080	11.20
837-211	1-1/2X1	25	200	080	11.20
837-212	1-1/2X1-1/4	25	200	080	11.20
837-247	2X1/2	10	120	080	15.97
837-248	2X3/4	10	120	080	15.97
837-249	2X1	10	120	080	15.97
837-250	2X1-1/4	10	120	080	15.97
837-251	2X1-1/2	10	120	080	15.97



**Schedule 80 PVC Industrial Products & Accessories  
PVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing Flush Style (continued)**

Spig x Soc

837-287 <sup>1</sup>	2-1/2X1/2	10	40	080	37.09
837-288 <sup>1</sup>	2-1/2X3/4	10	40	080	37.09
837-289	2-1/2X1	10	0	080	37.09
837-290	2-1/2X1-1/4	10	80	080	27.73
837-291	2-1/2X1-1/2	10	40	080	27.73
837-292	2-1/2X2	15	0	080	27.73
837-333 <sup>1</sup>	3X1/2	10	0	080	51.06
837-334 <sup>1</sup>	3X3/4	10	0	080	49.44
837-335	3X1	10	0	080	43.99
837-336	3X1-1/4	10	0	080	43.99
837-337	3X1-1/2	10	0	080	43.99
837-338	3X2	10	0	080	43.99
837-339	3X2-1/2	15	0	080	43.99
837-415 <sup>1</sup>	4X1/2	6	0	080	78.20
837-416 <sup>1</sup>	4X3/4	6	0	080	78.20
837-417 <sup>1</sup>	4X1	6	0	080	78.20
837-418 <sup>1</sup>	4X1-1/4	6	0	080	78.20
837-419 <sup>1</sup>	4X1-1/2	6	0	080	78.20
837-420	4X2	6	0	080	60.91
837-421	4X2-1/2	6	0	080	60.91
837-422	4X3	6	0	080	60.91
837-486 <sup>1</sup>	5X2	3	0	080	68.56
837-488 <sup>1</sup>	5X3	5	0	080	90.30
837-490	5X4	4	0	080	80.47
837-490F	5X4	1	4	083	85.82
837-524 <sup>1</sup>	6X3/4	5	0	080	101.67
837-525 <sup>1</sup>	6X1	5	0	080	96.59
837-526 <sup>1</sup>	6X1-1/4	5	0	080	101.67
837-527 <sup>1</sup>	6X1-1/2	5	0	080	101.67
837-528	6X2	5	0	080	84.70
837-529 <sup>1</sup>	6X2-1/2	5	0	080	131.32
837-530	6X3	5	0	080	84.70
837-532	6X4	5	0	080	84.70
837-533F	6X5	1	5	083	275.57
837-534	6X5	5	0	080	84.70
837-577 <sup>1</sup>	8X1-1/2	4	0	080	313.36
837-578 <sup>1</sup>	8X2	4	0	080	296.67
837-580 <sup>1</sup>	8X3	6	0	080	296.67
837-582 <sup>1</sup>	8X4	6	0	080	206.05
837-583 <sup>1</sup>	8X5	2	0	080	299.76
837-583F	8X5	1	6	083	487.73
837-585	8X6	4	0	080	206.05
837-621 <sup>1</sup>	10X2	2	0	081	573.68
837-622 <sup>1</sup>	10X2-1/2	2	0	081	625.06
837-623 <sup>1</sup>	10X3	2	0	081	573.68
837-624 <sup>1</sup>	10X4	2	0	081	573.68
837-625F	10X5	1	4	083	747.21
837-626	10X6	4	0	081	484.03
837-628	10X8	4	0	081	484.03
837-628F	10X8	1	6	083	187.20
837-663 <sup>1</sup>	12X3	2	0	081	850.14
837-664 <sup>1</sup>	12X4	2	0	081	850.14
837-666 <sup>1</sup>	12X6	2	0	081	781.05
837-666F <sup>1</sup>	12X6	1	2	083	549.90
837-668	12X8	2	0	081	559.38
837-668F <sup>1</sup>	12X8	1	2	083	532.07
837-670	12X10	2	0	081	559.38
837-670F	12X10	1	3	083	213.12
837-694F	14X4	1	3	083	1212.28
837-696F	14X6	1	3	083	1079.40
837-698F	14X8	1	0	083	773.38
837-700F	14X10	1	3	083	482.81
837-702F	14X12	1	3	083	207.12
837-754F	16X4	1	0	083	1384.90
837-756F	16X6	1	0	083	1286.00

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing Flush Style (continued)**

Spig x Soc

837-758F	16X8	1	0	083	1012.49
837-760F	16X10	1	0	083	733.88
837-762F	16X12	1	2	083	433.13
837-764F	16X14	1	2	083	423.12
837-786F	18X6	1	0	083	2180.15
837-788F	18X8	1	0	083	1997.47
837-790F	18X10	1	0	083	1639.69
837-792F	18X12	1	0	083	1044.88
837-794F	18X14	1	0	083	1034.93
837-796F	18X16	1	0	083	477.98
837-816F	20X6	1	0	083	3041.49
837-818F	20X8	1	0	083	2812.94
837-820F	20X10	1	0	083	2603.98
837-822F	20X12	1	0	083	2308.94
837-824F	20X14	1	0	083	1898.53
837-826F	20X16	1	0	083	1489.64
837-828F	20X18	1	0	083	777.63
837-906F	24X6	1	0	083	4777.98
837-908F	24X8	1	0	083	4632.50
837-910F	24X10	1	0	083	4069.16
837-912F	24X12	1	0	083	3671.30
837-914F	24X14	1	0	083	3438.48
837-916F	24X16	1	0	083	3252.59
837-918F	24X18	1	0	083	2819.29
837-920F	24X20	1	0	083	2329.98

<sup>1</sup> Sized with Bushing

**Reducer Bushing Flush Style**

Spig x Fipt



838-052	3/8X1/4	50	450	080	5.02
838-071	1/2X1/8	50	600	080	5.02
838-072	1/2X1/4	50	350	080	5.02
838-073	1/2X3/8	50	500	080	5.02
838-098	3/4X1/4	50	600	080	3.32
838-099	3/4X3/8	50	600	080	3.32
838-101	3/4X1/2	50	300	080	3.32
838-127	1X1/8	25	150	080	5.24
838-129	1X3/8	50	400	080	5.24
838-130	1X1/2	50	300	080	5.24
838-131	1X3/4	50	400	080	5.24
838-166	1-1/4X1/2	25	300	080	10.65
838-167	1-1/4X3/4	25	300	080	10.65
838-168	1-1/4X1	25	300	080	10.65
838-206	1-1/2X1/8	25	100	080	13.34
838-207	1-1/2X1/4	25	200	080	12.67
838-209	1-1/2X1/2	25	200	080	13.34
838-210	1-1/2X3/4	25	200	080	13.34
838-211	1-1/2X1	25	200	080	13.34
838-212	1-1/2X1-1/4	25	200	080	13.34
838-247	2X1/2	10	60	080	16.32
838-248	2X3/4	10	60	080	16.32
838-249	2X1	10	120	080	16.32
838-250	2X1-1/4	10	120	080	16.32
838-251	2X1-1/2	10	120	080	16.32
838-287	2-1/2X1/2	10	0	080	34.55
838-288	2-1/2X3/4	10	40	080	34.55
838-289	2-1/2X1	10	40	080	34.55
838-290	2-1/2X1-1/4	10	0	080	34.55
838-291	2-1/2X1-1/2	10	0	080	34.55
838-292	2-1/2X2	10	40	080	34.55
838-334	3X3/4	10	0	080	63.96
838-335	3X1	10	0	080	63.96
838-336	3X1-1/4	10	0	080	63.96
838-337	3X1-1/2	10	0	080	63.96

**Schedule 80 PVC Industrial Products & Accessories**  
**PVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing Flush Style (continued)**

**Spig x Fipt**

838-338	<b>3X2</b>	10	0	080	63.96
838-339	<b>3X2-1/2</b>	10	0	080	63.96
838-419	<b>4X1-1/2</b>	6	0	080	123.62
838-420	<b>4X2</b>	6	0	080	98.26
838-421	<b>4X2-1/2</b>	6	0	080	98.26
838-422	<b>4X3</b>	6	0	080	98.26
838-528	<b>6X2</b>	5	0	080	113.18
838-530	<b>6X3</b>	5	0	080	113.18
838-532	<b>6X4</b>	5	0	080	113.18

**Special Reinforced Reducer Bushing Flush Style**

**Spig x SR Fipt - Stainless Steel Collar**



838-128SR	<b>1X1/4</b>	25	300	086	3.14
838-207SR	<b>1-1/2X1/4</b>	25	200	086	8.01
838-166SR	<b>1-1/4X1/2</b>	25	100	086	5.74
838-209SR	<b>1-1/2X1/2</b>	10	60	086	8.01
838-210SR	<b>1-1/2X3/4</b>	25	200	086	8.01
838-247SR	<b>2X1/2</b>	10	80	086	9.80
838-248SR	<b>2X3/4</b>	10	80	086	9.80
838-249SR	<b>2X1</b>	10	80	086	9.80
838-334SR	<b>3X3/4</b>	10	0	086	38.36
838-335SR	<b>3X1</b>	10	0	086	38.36
838-336SR	<b>3X1-1/4</b>	10	0	086	38.36
838-337SR	<b>3X1-1/2</b>	10	0	086	38.36
838-528SR	<b>6X2</b>	5	0	086	67.91
838-530SR	<b>6X3</b>	5	0	086	61.13
838-532SR	<b>6X4</b>	5	0	086	67.91

**Cap Soc**



847-002	<b>1/4</b>	25	450	080	7.22
847-003	<b>3/8</b>	25	450	080	7.22
847-005	<b>1/2</b>	25	150	080	5.56
847-007	<b>3/4</b>	25	300	080	5.86
847-010	<b>1</b>	15	90	080	10.41
847-012	<b>1-1/4</b>	10	120	080	12.56
847-015	<b>1-1/2</b>	10	120	080	12.56
847-020	<b>2</b>	10	80	080	24.80
847-025	<b>2-1/2</b>	5	40	080	50.64
847-030	<b>3</b>	5	0	080	59.26
847-040	<b>4</b>	5	0	080	99.93
847-050F	<b>5</b>	1	6	083	126.91
847-060	<b>6</b>	4	0	080	248.60
847-080	<b>8</b>	3	0	080	319.18
847-100F	<b>10</b>	1	5	083	326.50
847-120F	<b>12</b>	1	4	083	490.00
847-140F	<b>14</b>	1	2	083	542.65
847-160F	<b>16</b>	1	2	083	703.00
847-180F	<b>18</b>	1	0	083	1026.36
847-200F	<b>20</b>	1	0	083	1375.88
847-240F	<b>24</b>	1	0	083	2559.73

**Cap Fipt**



848-002	<b>1/4</b>	25	450	080	6.95
848-003	<b>3/8</b>	25	450	080	6.95
848-005	<b>1/2</b>	25	300	080	6.95
848-007	<b>3/4</b>	25	300	080	7.79
848-010	<b>1</b>	15	90	080	9.81
848-012	<b>1-1/4</b>	10	120	080	11.68
848-015	<b>1-1/2</b>	10	120	080	13.34
848-020	<b>2</b>	10	40	080	26.21

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cap (continued)**

**Fipt**

848-025	<b>2-1/2</b>	5	40	080	52.43
848-030	<b>3</b>	5	0	080	61.72
848-040	<b>4</b>	5	0	080	108.68
848-060F	<b>6</b>	1	4	083	181.32
848-080F	<b>8</b>	1	3	083	235.97

**Special Reinforced Cap SR Fipt - Stainless Steel Collar**



848-002SR	<b>1/4</b>	25	500	086	3.83
848-003SR	<b>3/8</b>	25	450	086	3.83
848-005SR	<b>1/2</b>	50	300	086	4.19
848-007SR	<b>3/4</b>	25	300	086	5.37
848-030SR	<b>3</b>	5	0	086	33.10

**Plug Spig**



849-005	<b>1/2</b>	50	300	080	5.20
849-007	<b>3/4</b>	50	300	080	5.79
849-010	<b>1</b>	50	200	080	6.53
849-012	<b>1-1/4</b>	25	100	080	8.33
849-015	<b>1-1/2</b>	10	120	080	9.14
849-020	<b>2</b>	10	120	080	12.09
849-025F <sup>4</sup>	<b>2-1/2</b>	1	4	083	28.31
849-030F <sup>4</sup>	<b>3</b>	1	4	083	34.14
849-040F <sup>4</sup>	<b>4</b>	1	4	083	74.68
849-060F <sup>4</sup>	<b>6</b>	1	6	083	207.65
849-080F <sup>4</sup>	<b>8</b>	1	6	083	270.37
849-100F <sup>4</sup>	<b>10</b>	1	2	083	439.65
849-120F <sup>4</sup>	<b>12</b>	1	0	083	814.44

<sup>4</sup> Plug fabricated using Cap and pipe spigot.

**Plug Mipt**



850-002	<b>1/4</b>	50	900	080	6.00
850-003	<b>3/8</b>	50	600	080	6.00
850-005	<b>1/2</b>	50	500	080	5.35
850-007	<b>3/4</b>	50	300	080	5.56
850-010	<b>1</b>	15	180	080	6.81
850-012	<b>1-1/4</b>	10	120	080	10.04
850-015	<b>1-1/2</b>	10	120	080	12.21
850-020	<b>2</b>	10	120	080	12.54
850-025	<b>2-1/2</b>	5	60	080	35.00
850-030	<b>3</b>	5	40	080	40.84
850-040	<b>4</b>	6	0	080	79.51
850-060	<b>6</b>	6	0	080	94.52
850-080F <sup>4</sup>	<b>8</b>	1	2	083	233.30
850-100F <sup>4</sup>	<b>10</b>	1	3	083	341.93
850-120F <sup>4</sup>	<b>12</b>	1	0	083	468.33

<sup>4</sup> Plug fabricated using Cap and threaded pipe.





## Schedule 80 PVC Industrial Products & Accessories Unions

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union 2000

Soc with Viton® O-ring Seal



235 psi Maximum Internal Pressure rating @ 73°F (23°C)

857-002	1/4	25	150	080	21.76
857-003	3/8	25	150	080	21.76
8057-005	1/2	20	120	080	11.65
8057-007	3/4	20	80	080	14.80
8057-010	1	15	90	080	16.88
8057-012	1-1/4	10	0	080	33.54
8057-015	1-1/2	10	0	080	37.99
8057-020	2	5	0	080	51.50
8057-025	2-1/2	5	0	080	82.48
8057-030	3	5	0	080	95.89
8057-040	4	4	0	080	133.56
8057-060	6	1	0	080	296.84

### Union 2000

Soc with EPDM O-ring Seal



235 psi Maximum Internal Pressure rating @ 73°F (23°C)

897-002	1/4	25	150	080	21.49
897-003	3/8	25	100	080	21.49
8097-005	1/2	20	120	080	11.48
8097-007	3/4	20	80	080	14.61
8097-010	1	15	90	080	16.72
8097-012	1-1/4	10	0	080	33.15
8097-015	1-1/2	10	0	080	37.51
8097-020	2	5	0	080	50.89
8097-025	2-1/2	5	0	080	80.90
8097-030	3	5	0	080	94.70
8097-040	4	4	0	080	130.99
8097-060	6	1	0	080	291.09

### Union 2000

Soc x Fipt with Viton® O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-002	1/4	25	150	080	23.44
859-003	3/8	25	100	080	23.44
8059-005	1/2	20	120	080	14.18
8059-007	3/4	20	80	080	19.84
8059-010	1	15	90	080	26.38
8059-012	1-1/4	10	0	080	50.40
8059-015	1-1/2	10	0	080	62.38
8059-020	2	5	0	080	96.04
8059-025	2-1/2	5	0	080	170.65
8059-030	3	5	0	080	226.65
8059-040	4	4	0	080	260.48
8059-060	6	1	0	080	578.87

### Union 2000

Soc x Fipt with EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002	1/4	25	150	080	23.16
899-003	3/8	25	100	080	23.16
8099-005	1/2	20	120	080	14.00
8099-007	3/4	20	80	080	19.59
8099-010	1	15	90	080	26.05
8099-012	1-1/4	10	0	080	49.80
8099-015	1-1/2	10	0	080	61.64
8099-020	2	5	0	080	94.84
8099-025	2-1/2	5	0	080	134.09
8099-030	3	5	0	080	223.81
8099-040	4	4	0	080	256.98

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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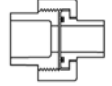
### Union 2000 (continued)

Soc x Fipt with EPDM O-ring Seal

8099-060	6	1	0	080	571.06
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### Union 2000

Soc x Spig with Viton® O-ring Seal

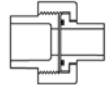


235 psi Maximum Internal Pressure rating @ 73°F (23°C)

8056-005	1/2	20	120	080	11.65
8056-007	3/4	20	160	080	14.80
8056-010	1	15	90	080	16.88
8056-012	1-1/4	10	0	080	33.54
8056-015	1-1/2	10	0	080	37.99
8056-020	2	5	0	080	51.50
8056-025	2-1/2	5	0	080	82.48
8056-030	3	5	0	080	95.89
8056-040	4	4	0	080	133.56
8056-060	6	1	0	080	296.84

### Union 2000

Soc x Spig with EPDM O-ring Seal

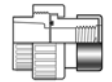


235 psi Maximum Internal Pressure rating @ 73°F (23°C)

8096-005	1/2	20	160	080	11.48
8096-007	3/4	20	80	080	14.61
8096-010	1	15	90	080	16.72
8096-012	1-1/4	10	0	080	33.15
8096-015	1-1/2	10	0	080	37.51
8096-020	2	5	0	080	50.89
8096-025	2-1/2	5	0	080	80.90
8096-030	3	5	0	080	94.70
8096-040	4	4	0	080	130.99
8096-060	6	1	0	080	291.09

### Special Reinforced Union 2000

Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar

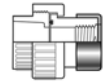


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005SR	1/2	20	160	086	7.90
8059-007SR	3/4	20	80	086	10.88
8059-010SR	1	15	90	086	14.14
8059-012SR	1-1/4	10	0	086	27.02
8059-015SR	1-1/2	10	0	086	33.34
8059-020SR	2	5	0	086	50.91
8059-025SR	2-1/2	5	0	086	109.43
8059-030SR	3	5	0	086	124.40
8059-040SR	4	4	0	086	142.83
8059-060SR	6	1	0	086	317.40

### Special Reinforced Union 2000

Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005SR	1/2	20	160	086	7.60
8099-007SR	3/4	20	80	086	10.83
8099-010SR	1	15	90	086	13.97
8099-012SR	1-1/4	10	0	086	24.30
8099-015SR	1-1/2	10	0	086	31.49
8099-020SR	2	5	0	086	50.68
8099-025SR	2-1/2	5	0	086	108.41
8099-030SR	3	5	0	086	120.69
8099-040SR	4	4	0	086	137.74
8099-060SR	6	1	0	086	306.10

**Schedule 80 PVC Industrial Products & Accessories  
Unions**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Union 2000**

Fipt with Viton® O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

858-002	1/4	25	150	080	23.44
858-003	3/8	25	150	080	23.44
8058-005	1/2	20	120	080	13.50
8058-007	3/4	20	80	080	18.91
8058-010	1	15	90	080	25.16
8058-012	1-1/4	10	0	080	48.00
8058-015	1-1/2	10	0	080	59.44
8058-020	2	5	0	080	91.45
8058-025	2-1/2	5	0	080	154.68
8058-030	3	5	0	080	231.97
8058-040	4	4	0	080	272.63
8058-060	6	1	0	080	605.82

**Union 2000**

Fipt with EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

898-002	1/4	25	150	080	23.16
898-003	3/8	25	150	080	23.16
8098-005	1/2	20	240	080	13.34
8098-007	3/4	20	80	080	18.66
8098-010	1	15	90	080	24.85
8098-012	1-1/4	10	0	080	47.40
8098-015	1-1/2	10	0	080	58.69
8098-020	2	5	0	080	90.31
8098-025	2-1/2	5	0	080	120.94
8098-030	3	5	0	080	229.10
8098-040	4	4	0	080	267.95
8098-060	6	1	0	080	595.26

**Special Reinforced Union 2000**

SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005SR	1/2	20	120	086	8.13
8058-007SR	3/4	20	80	086	11.01
8058-010SR	1	15	90	086	14.73
8058-012SR	1-1/4	10	0	086	28.06
8058-015SR	1-1/2	10	0	086	34.53
8058-020SR	2	5	0	086	53.62
8058-025SR	2-1/2	5	0	086	112.12
8058-030SR	3	5	0	086	127.54
8058-040SR	4	4	0	086	150.14
8058-060SR	6	1	0	086	333.63

**Special Reinforced Union 2000**

SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



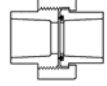
235 psi Maximum Internal Pressure rating @ 73°F (23°C)

8098-005SR	1/2	20	120	086	8.01
8098-007SR	3/4	20	80	086	10.91
8098-010SR	1	15	90	086	14.44
8098-012SR	1-1/4	10	0	086	26.85
8098-015SR	1-1/2	10	0	086	33.77
8098-020SR	2	5	0	086	53.07
8098-025SR	2-1/2	5	0	086	107.11
8098-030SR	3	5	0	086	126.32
8098-040SR	4	4	0	086	145.02
8098-060SR	6	1	0	086	322.30

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Union (Old Style)**

Soc with Viton® O-ring Seal

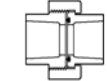


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

857-005	1/2	10	60	080	11.65
857-007	3/4	10	60	080	14.80
857-010	1	10	40	080	16.88
857-012	1-1/4	5	20	080	33.54
857-015	1-1/2	5	0	080	37.99
857-020	2	5	0	080	51.50
857-025	2-1/2	5	0	080	82.48
857-030	3	5	0	080	95.89
857-040	4	4	0	080	133.56

**Union (Old Style)**

Soc with EPDM O-ring Seal

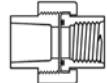


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

897-005	1/2	10	60	080	11.48
897-007	3/4	10	60	080	14.61
897-010	1	10	40	080	16.72
897-012	1-1/4	5	20	080	33.15
897-015	1-1/2	5	0	080	37.51
897-020	2	5	0	080	50.89
897-025	2-1/2	5	0	080	80.90
897-030	3	5	0	080	94.70
897-040	4	4	0	080	130.99

**Union (Old Style)**

Soc x Fipt with Viton® O-ring Seal

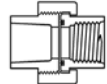


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-005	1/2	10	60	080	14.18
859-007	3/4	10	60	080	19.84
859-010	1	10	40	080	26.38
859-012	1-1/4	5	20	080	50.40
859-015	1-1/2	5	0	080	62.38
859-020	2	5	0	080	96.04
859-025	2-1/2	5	0	080	170.65
859-030	3	5	0	080	226.65
859-040	4	4	0	080	260.48

**Union (Old Style)**

Soc x Fipt with EPDM O-ring Seal

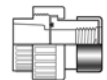


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-005	1/2	10	60	080	14.00
899-007	3/4	10	60	080	19.59
899-010	1	10	40	080	26.05
899-012	1-1/4	5	20	080	49.80
899-015	1-1/2	5	0	080	61.64
899-020	2	5	0	080	94.84
899-025	2-1/2	5	0	080	134.09
899-030	3	5	0	080	223.81
899-040	4	4	0	080	256.98

**Special Reinforced Union (Old Style)**

Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-005SR	1/2	10	60	086	7.90
859-007SR	3/4	10	40	086	10.88
859-010SR	1	10	40	086	14.14
859-012SR	1-1/4	5	20	086	27.02
859-015SR	1-1/2	5	0	086	33.34



## Schedule 80 PVC Industrial Products & Accessories Unions

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Union (Old Style) (continued) Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar

859-020SR	2	5	0	086	50.91
859-030SR	3	5	0	086	124.40
859-040SR	4	4	0	086	142.83

### Special Reinforced Union (Old Style)

Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002SR	1/4	25	150	086	14.35
899-003SR	3/8	25	100	086	14.35
899-005SR	1/2	10	60	086	7.60
899-007SR	3/4	10	40	086	10.83
899-010SR	1	10	40	086	13.97
899-012SR	1-1/4	5	20	086	24.30
899-015SR	1-1/2	5	0	086	31.49
899-020SR	2	5	0	086	50.68
899-030SR	3	5	0	086	120.69
899-040SR	4	4	0	086	137.74

### Union

Soc x Fipt with Brass Thread Insert & Viton® O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-007BR	3/4	10	40	086	50.53
859-010BR	1	10	0	086	62.36
859-012BR	1-1/4	5	20	086	107.63
859-015BR	1-1/2	5	0	086	142.44
859-020BR	2	5	0	086	189.30

Not intended to convey or dispense water for human consumption through drinking or cooking

### Union

Soc x Fipt with Brass Thread Insert & EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-007BR	3/4	10	40	086	45.56
899-010BR	1	10	0	086	61.45
899-012BR	1-1/4	5	20	086	103.33
899-015BR	1-1/2	5	0	086	136.76
899-020BR	2	5	0	086	182.30

Not intended to convey or dispense water for human consumption through drinking or cooking

### Union (Old Style)

Fipt with Viton® O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

858-005	1/2	10	60	080	13.50
858-007	3/4	10	60	080	18.91
858-010	1	10	40	080	25.16
858-012	1-1/4	5	20	080	48.00
858-015	1-1/2	5	0	080	59.44
858-020	2	5	0	080	91.45
858-025	2-1/2	5	0	080	154.68
858-030	3	5	0	080	231.97
858-040	4	4	0	080	272.63

### Union (Old Style)

Fipt with EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

898-005	1/2	10	60	080	13.34
898-007	3/4	10	60	080	18.66
898-010	1	10	40	080	24.85
898-012	1-1/4	5	20	080	47.40

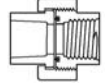
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union (Old Style) (continued) Fipt with EPDM O-ring Seal

898-015	1-1/2	5	0	080	58.69
898-020	2	5	0	080	90.31
898-025	2-1/2	5	0	080	120.94
898-030	3	5	0	080	229.10
898-040	4	4	0	080	267.95

### PVC Transition Union

JIS (mm) Soc x ASTM (in.) Fipt with EPDM O-ring Seal

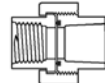


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8298-016	16 DN X 1/2	20	160	197	12.60
8298-020	20 DN X 3/4	20	80	197	17.63
8298-025	25 DN X 1	15	90	197	23.46
8298-030	30 DN X 1-1/4	10	0	197	44.59
8298-040	40 DN X 1-1/2	10	0	197	55.46
8298-050	50 DN X 2	5	0	197	85.35
8298-075	75 DN X 3	5	0	197	201.43
8298-100	100 DN X 4	4	0	197	231.28

### PVC Transition Union

BSP Thread (in.) x ASTM (in.) Soc with Viton® O-ring Seal

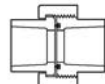


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8359-005	1/2	20	160	197	12.78
8359-007	3/4	20	80	197	17.86
8359-010	1	15	90	197	23.76
8359-012	1-1/4	10	0	197	45.37
8359-015	1-1/2	10	0	197	56.16
8359-020	2	5	0	197	86.41
8359-030	3	5	0	197	203.98
8359-040	4	4	0	197	234.43

### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Soc with Viton® O-ring Seal

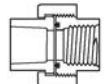


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8657-020	20 d X 1/2	10	60	197	10.46
8657-025	25 d X 3/4	10	40	197	13.32
8657-032	32 d X 1	10	40	197	15.20
8657-040	40 d X 1-1/4	10	0	197	30.19
8657-050	50 d X 1-1/2	10	0	197	34.19
8657-063	63 d X 2	5	0	197	46.37
8657-090	90 d X 3	5	0	197	86.31
8657-110	110 d X 4	4	0	197	120.21

### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Fipt with Viton® O-ring Seal

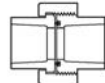


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8658-020	20 d X 1/2	10	60	197	12.78
8658-025	25 d X 3/4	20	80	197	17.86
8658-032	32 d X 1	15	90	197	23.76
8658-040	40 d X 1-1/4	10	0	197	45.37
8658-050	50 d X 1-1/2	10	0	197	56.16
8658-063	63 d X 2	5	0	197	86.41
8658-090	90 d X 3	5	0	197	203.98
8658-110	110 d X 4	4	0	197	234.43

### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8697-020	20 d X 1/2	20	240	197	10.33
8697-025	25 d X 3/4	10	60	197	13.16

**Schedule 80 PVC Industrial Products & Accessories  
Unions**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Transition Union (continued)**

**DIN (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal**

8697-032	<b>32d X 1</b>	15	90	197	15.05
8697-040	<b>40 d X 1-1/4</b>	10	0	197	29.83
8697-050	<b>50 d X 1-1/2</b>	10	0	197	33.77
8697-063	<b>63 d X 2</b>	5	0	197	45.80
8697-090	<b>90 d X 3</b>	5	0	197	85.23
8697-110	<b>110 d X 4</b>	4	0	197	117.88



**PVC Transition Union**

**DIN (mm) Soc x ASTM (in.) Fipt with EPDM O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8698-020	<b>20 d X 1/2</b>	20	160	197	12.60
8698-025	<b>25 d X 3/4</b>	20	80	197	17.63
8698-032	<b>32 d X 1</b>	15	90	197	23.46
8698-040	<b>40 d X 1-1/4</b>	10	0	197	44.59
8698-050	<b>50 d X 1-1/2</b>	10	0	197	55.46
8698-063	<b>63 d X 2</b>	5	0	197	85.35
8698-090	<b>90 d X 3</b>	5	0	197	201.43
8698-110	<b>110 d X 4</b>	4	0	197	231.28

**PVC Transition Union**

**JIS (mm) Soc x ASTM (in.) Soc with Viton® O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8257-016	<b>16 DN X 1/2</b>	20	160	197	10.46
8257-020	<b>20 DN X 3/4</b>	10	40	197	13.32
8257-025	<b>25 DN X 1</b>	15	90	197	15.20
8257-030	<b>30 DN X 1-1/4</b>	10	0	197	30.19
8257-040	<b>40 DN X 1-1/2</b>	10	0	197	34.19
8257-050	<b>50 DN X 2</b>	5	0	197	46.37
8257-075	<b>75 DN X 3</b>	5	0	197	86.31
8257-100	<b>100 DN X 4</b>	4	0	197	120.21



**PVC Transition Union**

**JIS (mm) Soc x ASTM (in.) Fipt with Viton® O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8258-016	<b>16 DN X 1/2</b>	20	160	197	12.78
8258-020	<b>20 DN X 3/4</b>	20	80	197	17.86
8258-025	<b>25 DN X 1</b>	15	90	197	23.76
8258-030	<b>30 DN X 1-1/4</b>	10	0	197	45.37
8258-040	<b>40 DN X 1-1/2</b>	10	0	197	56.16
8258-075	<b>75 DN X 3</b>	5	0	197	203.98
8258-100	<b>100 DN X 4</b>	4	0	197	234.43



**PVC Transition Union**

**JIS (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8297-016	<b>16 DN X 1/2</b>	20	160	197	10.33
8297-020	<b>20 DN X 3/4</b>	20	80	197	13.16
8297-025	<b>25 DN X 1</b>	15	90	197	15.05
8297-030	<b>30 DN X 1-1/4</b>	10	0	197	29.83
8297-040	<b>40 DN X 1-1/2</b>	10	0	197	33.77
8297-050	<b>50 DN X 2</b>	5	0	197	45.80
8297-075	<b>75 DN X 3</b>	5	0	197	85.23
8297-100	<b>100 DN X 4</b>	4	0	197	117.88



**PVC Transition Union**

**BSP Thread (in.) x ASTM (in.) Fipt with Viton® O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8358-005	<b>1/2</b>	20	160	197	12.18
8358-007	<b>3/4</b>	20	80	197	17.01

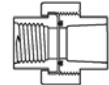


Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Transition Union (continued)**

**BSP Thread (in.) x ASTM (in.) Fipt with Viton® O-ring Seal**

8358-010	<b>1</b>	15	90	197	22.65
8358-012	<b>1-1/4</b>	10	0	197	43.21
8358-015	<b>1-1/2</b>	10	0	197	53.49
8358-020	<b>2</b>	5	0	197	82.31
8358-030	<b>3</b>	5	0	197	208.77
8358-040	<b>4</b>	4	0	197	245.35



**PVC Transition Union**

**BSP Thread (in.) x ASTM (in.) Soc with EPDM O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

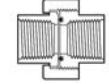
8399-005	<b>1/2</b>	10	60	197	12.60
8399-007	<b>3/4</b>	20	80	197	17.63
8399-010	<b>1</b>	15	90	197	23.46
8399-012	<b>1-1/4</b>	10	0	197	44.81
8399-015	<b>1-1/2</b>	10	0	197	55.46
8399-020	<b>2</b>	5	0	197	85.35
8399-030	<b>3</b>	5	0	197	201.43
8399-040	<b>4</b>	4	0	197	231.28

**PVC Transition Union**

**BSP Thread (in.) x ASTM (in.) Fipt with EPDM O-ring Seal**

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8398-005	<b>1/2</b>	10	60	197	12.00
8398-007	<b>3/4</b>	10	40	197	16.80
8398-010	<b>1</b>	10	40	197	22.36
8398-012	<b>1-1/4</b>	5	20	197	42.67
8398-015	<b>1-1/2</b>	5	0	197	52.82
8398-020	<b>2</b>	5	0	197	84.86
8398-030	<b>3</b>	5	0	197	206.19
8398-040	<b>4</b>	4	0	197	241.15



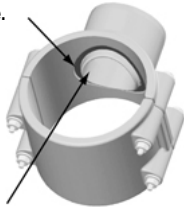


**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**

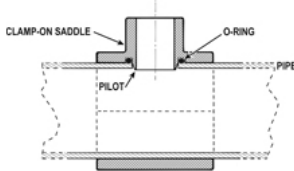
**Spears® Two-Piece Clamp-On Saddle Design Clamps onto Pipe  
for Quick and Easy Installation**



O-ring seal provides positive, trouble-free sealing to pipe.

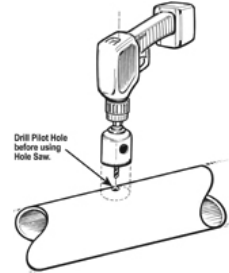


Special pilot engages with hole in pipe to prevent saddle dislocation.



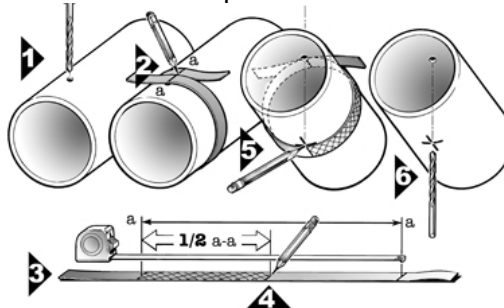
**Clamp-On Saddle  
Installation Instructions**

- Using a standard industrial grade hole-saw, cut specified hole in desired position on pipe according to recommended hole saw size engraved on the saddle. Note: Care must be taken to deburr hole and remove all residue from hole area to assure tight fit and avoid leakage.
- Fully seat O-ring in groove on underside of saddle outlet component. Position over hole and fully seat saddle onto pipe. Note: Certain saddle outlets are piloted. Be sure pilot lip fully engages with hole in pipe.
- Place strap component opposite outlet and secure with bolts (4), nuts (4) and washers (8). Important: Washers MUST be placed under each bolt head (1) and under each nut (1) to avoid damage to saddle.
- Tighten bolts to specified torque.



Saddle Size	2	3	4	6 & up
Recommended Bolt-Torque - ft/lb	8	8	8	10

**For Double Outlet Saddle Installation — Determine second outlet hole position as shown.**



**Spears® Hot-Tap Saddles Designed for Adding Branch Connections to Piping Systems Under Live (“Hot”) Pressure**

Hot-Tap Saddle branch outlets are either 3/4" socket (with 1" Spigot O.D.) or 1-1/2" socket (with 2" Spigot O.D.) in saddle sizes 2" through 6" to fit IPS pipe using a built-in O-ring seal. Internal cutter is operated using conventional ratchet and drive extension and permanently retains coupon cut from pipe. Maximum operating pressure at 73°F (23°C) is 235 psi for saddle sizes 2" - 4", 200 psi for 6" saddles and 150 psi for 8" saddles. See packaged Installation Instructions for details.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x Soc Single Outlet**

with Viton® O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8" - 12" 150 psi @ 73°F (23°C)

866V-247	2X1/2	3/4	1	10	086	32.30
866V-248	2X3/4	7/8	1	10	086	32.30
866V-249	2X1	1-1/8	1	10	086	32.30
866V-250	2X1-1/4	1-1/2	1	10	086	32.30
866V-251	2X1-1/2	1-1/2	1	10	086	32.30
866V-291	2-1/2X1-1/2	1-3/4	1	10	086	44.73
866V-333 <sup>1</sup>	3X1/2	7/8	1	10	086	44.73
866V-334	3X3/4	7/8	1	10	086	44.73
866V-335	3X1	1-1/8	1	10	086	44.73
866V-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	44.73
866V-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	44.73
866V-338	3X2	2-1/4	1	10	086	44.73



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x Soc Single Outlet (continued)**

with Viton® O-ring Seal & Zinc-Plated Hardware

866V-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	53.62
866V-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	53.62
866V-417	4X1	1-1/8	1	8	086	53.62
866V-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	53.62
866V-419	4X1-1/2	1-3/4	1	8	086	53.62
866V-420	4X2	2-1/4	1	8	086	53.62
866V-421 <sup>1</sup>	4X2-1/2	3	1	4	086	58.48
866V-422	4X3	3	1	4	086	63.64
866V-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	89.33
866V-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	89.33
866V-525	6X1	1-1/8	1	4	086	89.33
866V-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	89.33
866V-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	89.33
866V-528	6X2	2-1/4	1	4	086	89.33



**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x Soc Single Outlet</b> (continued) with Viton® O-ring Seal & Zinc-Plated Hardware						
866V-529 <sup>1</sup>	6X2-1/2	3	1	4	086	112.39
866V-530	6X3	3	1	4	086	117.02
866V-532	6X4	4	1	4	086	123.24
866V-573 <sup>1</sup>	8X1/2	4	1	0	086	191.45
866V-574 <sup>1</sup>	8X3/4	4	1	0	086	191.45
866V-575 <sup>1</sup>	8X1	4	1	0	086	191.45
866V-576 <sup>1</sup>	8X1-1/4	4	1	0	086	191.45
866V-577 <sup>1</sup>	8X1-1/2	4	1	0	086	191.45
866V-578 <sup>1</sup>	8 X 2	4	1	0	086	191.45
866V-579 <sup>1</sup>	8X2-1/2	4	1	0	086	200.85
866V-580 <sup>1</sup>	8X3	4	1	0	086	210.97
866V-582	8X4	4	1	0	086	223.63
866V-585	8X6	6	1	0	086	248.22
866V-624	10X4	4	1	0	086	295.29
866V-626	10X6	6	1	0	086	339.56
866V-664	12X4	4	1	0	086	370.31
866V-666	12X6	6	1	0	086	429.46

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Single Outlet**



with Viton® O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

866SV-247	2X1/2	3/4	1	10	086	55.04
866SV-248	2X3/4	7/8	1	10	086	55.04
866SV-249	2X1	1-1/8	1	10	086	55.04
866SV-250	2X1-1/4	1-1/2	1	10	086	55.04
866SV-251	2X1-1/2	1-1/2	1	10	086	55.04
866SV-291	2-1/2X1-1/2	1-3/4	1	10	086	73.78
866SV-333 <sup>1</sup>	3X1/2	7/8	1	10	086	73.78
866SV-334	3X3/4	7/8	1	10	086	73.78
866SV-335	3X1	1-1/8	1	10	086	73.78
866SV-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	73.78
866SV-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	73.78
866SV-338	3X2	2-1/4	1	10	086	73.78
866SV-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	94.93
866SV-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	94.93
866SV-417	4X1	1-1/8	1	8	086	94.93
866SV-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	94.93
866SV-419	4X1-1/2	1-3/4	1	8	086	94.93
866SV-420	4X2	2-1/4	1	8	086	94.93
866SV-421 <sup>1</sup>	4X2-1/2	3	1	4	086	98.70
866SV-422	4X3	3	1	4	086	103.79
866SV-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	140.68
866SV-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	140.68
866SV-525	6X1	1-1/8	1	4	086	140.68
866SV-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	140.68
866SV-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	140.68
866SV-528	6X2	2-1/4	1	4	086	140.68
866SV-529 <sup>1</sup>	6X2-1/2	3	1	4	086	146.14
866SV-530	6X3	3	1	4	086	151.06
866SV-532	6X4	4	1	4	086	156.21
866SV-573 <sup>1</sup>	8X1/2	4	1	0	086	256.89
866SV-574 <sup>1</sup>	8X3/4	4	1	0	086	256.89
866SV-575 <sup>1</sup>	8 X 1	4	1	0	086	256.89
866SV-576 <sup>1</sup>	8X1-1/4	4	1	0	086	256.89
866SV-577 <sup>1</sup>	8X1-1/2	4	1	0	086	256.89
866SV-578 <sup>1</sup>	8 X 2	4	1	0	086	256.89
866SV-579 <sup>1</sup>	8X2-1/2	4	1	0	086	282.55
866SV-580 <sup>1</sup>	8X3	4	1	0	086	296.67
866SV-582	8X4	4	1	0	086	314.49
866SV-585	8X6	6	1	0	086	349.05
866SV-624	10X4	4	1	0	086	415.48
866SV-626	10X6	6	1	0	086	477.67

Made in the U.S.A.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x Soc Single Outlet</b> (continued) with Viton® O-ring Seal & SS Hardware						
866SV-664	12X4	4	1	0	086	520.63
866SV-666	12X6	6	1	0	086	603.98

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Single Outlet**



with EPDM O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

866-247	2X1/2	3/4	1	10	086	30.78
866-248	2X3/4	7/8	1	10	086	30.78
866-249	2X1	1-1/8	1	10	086	30.78
866-250	2X1-1/4	1-1/2	1	10	086	30.78
866-251	2X1-1/2	1-1/2	1	10	086	30.78
866-291	2-1/2X1-1/2	1-3/4	1	10	086	41.10
866-333 <sup>1</sup>	3X1/2	7/8	1	10	086	41.10
866-334	3X3/4	7/8	1	10	086	41.10
866-335	3X1	1-1/8	1	10	086	41.10
866-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	41.10
866-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	41.10
866-338	3X2	2-1/4	1	10	086	41.10
866-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	49.95
866-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	49.95
866-417	4X1	1-1/8	1	8	086	49.95
866-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	49.95
866-419	4X1-1/2	1-3/4	1	8	086	49.95
866-420	4X2	2-1/4	1	8	086	49.95
866-421 <sup>1</sup>	4X2-1/2	3	1	4	086	54.57
866-422	4X3	3	1	4	086	59.72
866-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	83.26
866-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	83.26
866-525	6X1	1-1/8	1	4	086	83.26
866-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	83.26
866-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	83.26
866-528	6X2	2-1/4	1	4	086	83.26
866-529 <sup>1</sup>	6X2-1/2	3	1	4	086	90.88
866-530	6X3	3	1	4	086	99.93
866-532	6X4	4	1	4	086	104.15
866-573 <sup>1</sup>	8X1/2	4	1	0	086	160.15
866-574 <sup>1</sup>	8X3/4	4	1	0	086	160.15
866-575 <sup>1</sup>	8X1	4	1	0	086	160.15
866-576 <sup>1</sup>	8X1-1/4	4	1	0	086	160.15
866-577 <sup>1</sup>	8X1-1/2	4	1	0	086	160.15
866-578 <sup>1</sup>	8 X 2	4	1	0	086	160.15
866-579 <sup>1</sup>	8X2-1/2	4	1	0	086	176.17
866-580 <sup>1</sup>	8X3	4	1	0	086	184.99
866-582	8X4	4	1	0	086	195.93
866-585	8X6	6	1	0	086	217.67
866-621 <sup>1</sup>	10X2	4	1	0	086	259.51
866-624	10X4	4	1	0	086	259.51
866-626	10X6	6	1	0	086	296.94
866-664	12X4	4	1	0	086	324.54
866-666	12X6	6	1	0	086	375.36

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Single Outlet**



with EPDM O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

866S-247	2X1/2	3/4	1	10	086	49.31
866S-248	2X3/4	7/8	1	10	086	49.31
866S-249	2X1	1-1/8	1	10	086	49.31
866S-250	2X1-1/4	1-1/2	1	10	086	49.31
866S-251	2X1-1/2	1-1/2	1	10	086	49.31
866S-291	2-1/2X1-1/2	1-3/4	1	10	086	66.29



**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x Soc Single Outlet**  
(continued)  
with EPDM O-ring Seal & SS Hardware

866S-333 <sup>1</sup>	3X1/2	7/8	1	10	086	66.29
866S-334	3X3/4	7/8	1	10	086	66.29
866S-335	3X1	1-1/8	1	10	086	66.29
866S-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	66.29
866S-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	66.29
866S-338	3X2	2-1/4	1	10	086	66.29
866S-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	85.34
866S-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	85.34
866S-417	4X1	1-1/8	1	8	086	85.34
866S-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	85.34
866S-419	4X1-1/2	1-3/4	1	8	086	85.34
866S-420	4X2	2-1/4	1	8	086	85.34
866S-421 <sup>1</sup>	4X2-1/2	3	1	4	086	88.35
866S-422	4X3		1	4	086	93.57
866S-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	128.43
866S-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	128.43
866S-525	6X1	1-1/8	1	4	086	128.43
866S-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	128.43
866S-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	128.43
866S-528	6X2	2-1/4	1	4	086	128.43
866S-529 <sup>1</sup>	6X2-1/2	3	1	4	086	134.53
866S-530	6X3	3	1	4	086	139.12
866S-532	6X4	4	1	4	086	144.32
866S-573 <sup>1</sup>	8X1/2	4	1	0	086	241.36
866S-574 <sup>1</sup>	8X3/4	4	1	0	086	241.36
866S-575	8X1	4	1	0	086	241.36
866S-576 <sup>1</sup>	8X1-1/4	4	1	0	086	241.36
866S-577 <sup>1</sup>	8X1-1/2	4	1	0	086	241.36
866S-578 <sup>1</sup>	8 X 2	4	1	0	086	241.36
866S-579 <sup>1</sup>	8X2-1/2	4	1	0	086	265.55
866S-580 <sup>1</sup>	8X3	4	1	0	086	278.87
866S-582	8X4	4	1	0	086	294.30
866S-585	8X6	6	1	0	086	328.13
866S-624	10X4	4	1	0	086	390.57
866S-626	10X6	6	1	0	086	449.06
866S-664	12X4	4	1	0	086	489.59
866S-666	12X6	6	1	0	086	567.87

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with Viton® O-ring Seal & Zinc-Plated Hardware  
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



867V-247SR	2X1/2	3/4	1	10	086	36.12
867V-248SR	2X3/4	7/8	1	10	086	36.12
867V-249SR	2X1	1-1/8	1	10	086	36.12
867V-250SR	2X1-1/4	1-1/2	1	10	086	36.12
867V-251SR	2X1-1/2	1-1/2	1	10	086	36.12
867V-291SR	2-1/2X1-1/2	1-3/4	1	10	086	50.33
867V-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	50.33
867V-334SR	3X3/4	7/8	1	10	086	50.33
867V-335SR	3X1	1-1/8	1	10	086	50.33
867V-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	50.33
867V-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	50.33
867V-338SR	3X2	2-1/4	1	10	086	50.33
867V-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	62.90
867V-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	62.90
867V-417SR	4X1	1-1/8	1	8	086	62.90
867V-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	62.90
867V-419SR	4X1-1/2	1-3/4	1	8	086	62.90
867V-420SR	4X2	2-1/4	1	8	086	62.90
867V-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	67.74
867V-422SR	4X3	3	1	4	086	71.71
867V-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	104.83

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x SR Thread Single Outlet**  
(continued)  
with Viton® O-ring Seal & Zinc-Plated Hardware

867V-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	104.83
867V-525SR	6X1	1-1/8	1	4	086	104.83
867V-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	104.83
867V-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	104.83
867V-528SR	6X2	2-1/4	1	4	086	104.83
867V-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	134.41
867V-530SR	6X3	3	1	4	086	139.68
867V-532SR	6X4	4	1	4	086	145.72
867V-573SR <sup>1</sup>	8X1/2	4	1	0	086	211.30
867V-574SR <sup>1</sup>	8X3/4	4	1	0	086	211.30
867V-575SR <sup>1</sup>	8X1	4	1	0	086	211.30
867V-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	211.30
867V-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	211.30
867V-578SR <sup>1</sup>	8X2	4	1	0	086	211.30
867V-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	232.38
867V-580SR <sup>1</sup>	8X3	4	1	0	086	244.04
867V-582SR	8X4	4	1	0	086	258.69
867V-585SR	8X6		1	0	086	287.94
867V-624SR	10X4	4	1	0	086	307.86
867V-626SR	10X6	6	1	0	086	353.97
867V-664SR	12X4	4	1	0	086	385.91
867V-666SR	12X6	6	1	0	086	447.59

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with Viton® O-ring Seal & SS Hardware  
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



867SV-245SR <sup>1</sup>	2X1/4	1-1/8	1	10	086	66.87
867SV-247SR	2X1/2	3/4	1	10	086	61.41
867SV-248SR	2X3/4	7/8	1	10	086	61.41
867SV-249SR	2X1	1-1/8	1	10	086	61.41
867SV-250SR	2X1-1/4	1-1/2	1	10	086	61.41
867SV-251SR	2X1-1/2	1-1/2	1	10	086	61.41
867SV-291SR	2-1/2X1-1/2	1-3/4	1	10	086	82.10
867SV-331SR <sup>1</sup>	3X1/4	1-1/8	1	10	086	82.10
867SV-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	82.10
867SV-334SR	3X3/4	7/8	1	10	086	82.10
867SV-335SR	3X1	1-1/8	1	10	086	82.10
867SV-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	82.10
867SV-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	82.10
867SV-338SR	3X2	2-1/4	1	10	086	82.10
867SV-413SR <sup>1</sup>	4X1/4	1-1/8	1	8	086	104.76
867SV-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	103.66
867SV-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	103.66
867SV-417SR	4X1	1-1/8	1	8	086	103.66
867SV-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	103.66
867SV-419SR	4X1-1/2	1-3/4	1	8	086	103.66
867SV-420SR	4X2	2-1/4	1	8	086	103.66
867SV-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	107.10
867SV-422SR	4X3	3	1	4	086	112.57
867SV-521SR <sup>1</sup>	6X1/4	1-1/8	1	8	086	155.57
867SV-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	152.26
867SV-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	152.26
867SV-525SR	6X1	1-1/8	1	4	086	152.26
867SV-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	152.26
867SV-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	152.26
867SV-528SR	6X2	2-1/4	1	4	086	152.26
867SV-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	164.96
867SV-530SR	6X3	3	1	4	086	172.57
867SV-532SR	6X4	4	1	4	086	178.66
867SV-571SR <sup>1</sup>	8X1/4	4	1	0	086	283.03
867SV-573SR <sup>1</sup>	8X1/2	4	1	0	086	272.10
867SV-574SR <sup>1</sup>	8X3/4	4	1	0	086	272.10



**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x SR Thread Single Outlet</b> (continued) with Viton® O-ring Seal & SS Hardware						
867SV-575SR <sup>1</sup>	8X1	4	1	0	086	272.10
867SV-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	272.10
867SV-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	272.10
867SV-578SR <sup>1</sup>	8X2	4	1	0	086	272.10
867SV-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	299.30
867SV-580SR <sup>1</sup>	8X3	4	1	0	086	314.26
867SV-582SR	8X4	4	1	0	086	333.12
867SV-585SR	8X6	6	1	0	086	365.06
867SV-624SR	10X4	4	1	0	086	396.27
867SV-626SR	10X6	6	1	0	086	455.95
867SV-664SR	12X4	4	1	0	086	496.95
867SV-666SR	12X6	6	1	0	086	576.38

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware



2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867-247SR	2X1/2	3/4	1	10	086	32.12
867-248SR	2X3/4	7/8	1	10	086	32.12
867-249SR	2X1	1-1/8	1	10	086	32.12
867-250SR	2X1-1/4	1-1/2	1	10	086	32.12
867-251SR	2X1-1/2	1-1/2	1	10	086	32.12
867-291SR	2-1/2X1-1/2	1-3/4	1	10	086	43.89
867-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	43.89
867-334SR	3X3/4	7/8	1	10	086	43.89
867-335SR	3X1	1-1/8	1	10	086	43.89
867-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	43.89
867-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	43.89
867-338SR	3X2	2-1/4	1	10	086	43.89
867-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	55.30
867-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	55.30
867-417SR	4X1	1-1/8	1	8	086	55.30
867-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	55.30
867-419SR <sup>1</sup>	4X1-1/2	1-3/4	1	8	086	55.30
867-420SR	4X2	2-1/4	1	8	086	55.30
867-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	56.60
867-422SR	4X3	3	1	4	086	64.87
867-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	92.14
867-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	92.14
867-525SR	6X1	1-1/8	1	4	086	92.14
867-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	92.14
867-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	92.14
867-528SR	6X2	2-1/4	1	4	086	92.14
867-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	114.46
867-530SR	6X3	3	1	4	086	123.22
867-532SR	6X4	4	1	4	086	129.03
867-573SR	8X1/2	4	1	0	086	195.03
867-574SR <sup>1</sup>	8X3/4	4	1	0	086	195.03
867-575SR	8X1	4	1	0	086	195.03
867-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	195.03
867-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	195.03
867-578SR <sup>1</sup>	8X2	4	1	0	086	195.03
867-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	214.56
867-580SR <sup>1</sup>	8X3	4	1	0	086	225.19
867-582SR	8X4	4	1	0	086	238.76
867-585SR	8X6	6	1	0	086	274.98
867-624SR	10X4	4	1	0	086	284.02
867-626SR	10X6	4	1	0	086	326.66
867-664SR	12X4	4	1	0	086	355.91
867-666SR	12X6	6	1	0	086	413.11

<sup>1</sup>Outlet-sized with Bushing

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with EPDM O-ring Seal & SS Hardware



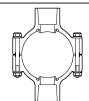
2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867S-245SR <sup>1</sup>	2X1/4	1-1/8	1	10	086	61.41
867S-247SR	2X1/2	3/4	1	10	086	54.88
867S-248SR	2X3/4	7/8	1	10	086	54.88
867S-249SR	2X1	1-1/8	1	10	086	54.88
867S-250SR	2X1-1/4	1-1/2	1	10	086	54.88
867S-251SR	2X1-1/2	1-1/2	1	10	086	54.88
867S-291SR	2-1/2X1-1/2	1-3/4	1	10	086	73.79
867S-331SR <sup>1</sup>	3X1/4	1-1/8	1	10	086	81.62
867S-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	73.79
867S-334SR	3X3/4	7/8	1	10	086	73.79
867S-335SR	3X1	1-1/8	1	10	086	73.79
867S-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	73.79
867S-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	73.79
867S-338SR	3X2	2-1/4	1	10	086	73.79
867S-413SR	4X1/4		1	8	086	96.04
867S-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	92.90
867S-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	92.90
867S-417SR	4X1	1-1/8	1	8	086	92.90
867S-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	92.90
867S-419SR	4X1-1/2	1-3/4	1	8	086	92.90
867S-420SR	4X2	2-1/4	1	8	086	92.90
867S-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	97.23
867S-422SR	4X3	3	1	4	086	104.80
867S-521SR <sup>1</sup>	6X1/4	1-1/8	1	8	086	147.36
867S-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	134.30
867S-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	134.30
867S-525SR	6X1	1-1/8	1	4	086	134.30
867S-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	134.30
867S-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	134.30
867S-528SR	6X2	2-1/4	1	4	086	134.30
867S-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	153.31
867S-530SR	6X3	3	1	4	086	158.29
867S-532SR	6X4	4	1	4	086	164.87
867S-571SR <sup>1</sup>	8X1/4	4	1	0	086	290.97
867S-573SR <sup>1</sup>	8X1/2	4	1	0	086	249.03
867S-574SR <sup>1</sup>	8X3/4	4	1	0	086	249.03
867S-575SR <sup>1</sup>	8X1	4	1	0	086	249.03
867S-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	249.03
867S-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	249.03
867S-578SR <sup>1</sup>	8X2	4	1	0	086	249.03
867S-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	277.81
867S-580SR <sup>1</sup>	8X3	4	1	0	086	293.59
867S-582SR	8X4	4	1	0	086	310.17
867S-585SR	8X6	6	1	0	086	325.61
867S-624SR	10X4	4	1	0	086	382.34
867S-626SR	10X6	6	1	0	086	402.00
867S-664SR	12X4	4	1	0	086	438.28
867S-666SR	12X6	6	1	0	086	508.38

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Double Outlet**

with Viton® O-ring Seal & Zinc-Plated Hardware



2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

868V-247	2X1/2	3/4	1	10	086	40.02
868V-248	2X3/4	7/8	1	10	086	40.02
868V-249	2X1	1-1/8	1	10	086	40.02
868V-250	2X1-1/4	1-1/2	1	10	086	40.02
868V-251	2X1-1/2	1-1/2	1	10	086	40.02
868V-291	2-1/2X1-1/2	1-3/4	1	10	086	51.27
868V-333 <sup>1</sup>	3X1/2	7/8	1	10	086	51.27
868V-334	3X3/4	7/8	1	10	086	51.27



**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x Soc Double Outlet</b> (continued) with Viton® O-ring Seal & Zinc-Plated Hardware						
868V-335	3X1	1-1/8	1	10	086	51.27
868V-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	51.27
868V-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	51.27
868V-338	3X2	2-1/4	1	10	086	51.27
868V-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	68.45
868V-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	68.45
868V-417	4X1	1-1/8	1	8	086	68.45
868V-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	68.45
868V-419	4X1-1/2	1-3/4	1	8	086	68.45
868V-420	4X2	2-1/4	1	8	086	68.45
868V-421 <sup>1</sup>	4X2-1/2	3	1	4	086	74.40
868V-422	4X3	3	1	4	086	80.21
868V-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	112.38
868V-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	112.38
868V-525	6X1	1-1/8	1	4	086	112.38
868V-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	112.38
868V-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	112.38
868V-528	6X2	2-1/4	1	4	086	112.38
868V-529 <sup>1</sup>	6X2-1/2	3	1	4	086	116.68
868V-530	6X3	3	1	4	086	123.06
868V-532	6X4	4	1	4	086	131.53
868V-573 <sup>1</sup>	8X1/2	4	1	0	086	236.31
868V-574 <sup>1</sup>	8X3/4	4	1	0	086	236.31
868V-575 <sup>1</sup>	8X1	4	1	0	086	236.31
868V-576 <sup>1</sup>	8X1-1/4	4	1	0	086	236.31
868V-577 <sup>1</sup>	8X1-1/2	4	1	0	086	236.31
868V-578 <sup>1</sup>	8X2	4	1	0	086	236.31
868V-579 <sup>1</sup>	8X2-1/2	4	1	0	086	247.89
868V-580 <sup>1</sup>	8X3	4	1	0	086	260.48
868V-582	8X4	4	1	0	086	276.02
868V-585	8X6	6	1	0	086	306.39
868V-624	10X4	4	1	0	086	364.66
868V-626	10X6	6	1	0	086	384.83
868V-664	12X4	4	1	0	086	457.09
868V-666	12X6	6	1	0	086	530.12

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Double Outlet**

with Viton® O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



868SV-247	2X1/2	3/4	1	10	086	64.37
868SV-248	2X3/4	7/8	1	10	086	64.37
868SV-249	2X1	1-1/8	1	10	086	64.37
868SV-250	2X1-1/4	1-1/2	1	10	086	64.37
868SV-251	2X1-1/2	1-1/2	1	10	086	64.37
868SV-291	2-1/2X1-1/2	1-3/4	1	10	086	85.54
868SV-333 <sup>1</sup>	3X1/2	7/8	1	10	086	85.54
868SV-334	3X3/4	7/8	1	10	086	85.54
868SV-335	3X1	1-1/8	1	10	086	85.54
868SV-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	85.54
868SV-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	85.54
868SV-338	3X2	2-1/4	1	10	086	85.54
868SV-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	109.53
868SV-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	109.53
868SV-417	4X1	1-1/8	1	8	086	109.53
868SV-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	109.53
868SV-419	4X1-1/2	1-3/4	1	8	086	109.53
868SV-420	4X2	2-1/4	1	16	086	109.53
868SV-421 <sup>1</sup>	4X2-1/2	3	1	4	086	117.61
868SV-422	4X3	3	1	4	086	122.49
868SV-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	169.67
868SV-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	169.67
868SV-525	6X1	1-1/8	1	4	086	169.67

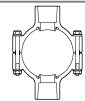
Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x Soc Double Outlet</b> (continued) with Viton® O-ring Seal & SS Hardware						
868SV-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	169.67
868SV-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	169.67
868SV-528	6X2	2-1/4	1	4	086	169.67
868SV-529 <sup>1</sup>	6X2-1/2	3	1	4	086	179.84
868SV-530	6X3	3	1	4	086	184.83
868SV-532	6X4	4	1	4	086	190.21
868SV-573 <sup>1</sup>	8X1/2	4	1	0	086	317.19
868SV-574 <sup>1</sup>	8X3/4	4	1	0	086	317.19
868SV-575 <sup>1</sup>	8X1	4	1	0	086	317.19
868SV-576 <sup>1</sup>	8X1-1/4	4	1	0	086	317.19
868SV-577 <sup>1</sup>	8X1-1/2	4	1	0	086	317.19
868SV-578 <sup>1</sup>	8X2	4	1	0	086	317.19
868SV-579 <sup>1</sup>	8X2-1/2	4	1	0	086	348.90
868SV-580 <sup>1</sup>	8X3	4	1	0	086	366.31
868SV-582	8X4	4	1	0	086	368.09
868SV-585	8X6	6	1	0	086	430.93
868SV-624	10X4	4	1	0	086	512.80
868SV-626	10X6	6	1	0	086	589.77
868SV-664	12X4	4	1	0	086	642.80
868SV-666	12X6	6	1	0	086	745.67

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Double Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



868-247	2X1/2	3/4	1	10	086	36.63
868-248	2X3/4	7/8	1	10	086	36.63
868-249	2X1	1-1/8	1	10	086	36.63
868-250	2X1-1/4	1-1/2	1	10	086	36.63
868-251	2X1-1/2	1-1/2	1	10	086	36.63
868-291	2-1/2X1-1/2	1-3/4	1	10	086	50.34
868-333 <sup>1</sup>	3X1/2	7/8	1	10	086	50.34
868-334	3X3/4	7/8	1	10	086	50.34
868-335	3X1	1-1/8	1	10	086	50.34
868-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	50.34
868-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	50.34
868-338	3X2	2-1/4	1	10	086	50.34
868-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	63.51
868-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	63.51
868-417	4X1	1-1/8	1	8	086	63.51
868-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	63.51
868-419	4X1-1/2	1-3/4	1	8	086	63.51
868-420	4X2	2-1/4	1	8	086	63.51
868-421 <sup>1</sup>	4X2-1/2	3	1	4	086	68.20
868-422	4X3	3	1	4	086	72.17
868-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	106.09
868-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	106.09
868-525	6X1	1-1/8	1	4	086	106.09
868-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	106.09
868-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	106.09
868-528	6X2	2-1/4	1	4	086	106.09
868-529 <sup>1</sup>	6X2-1/2	3	1	4	086	112.12
868-530	6X3	3	1	4	086	118.49
868-532	6X4	4	1	4	086	123.23
868-573 <sup>1</sup>	8X1/2	4	1	0	086	198.39
868-574 <sup>1</sup>	8X3/4	4	1	0	086	198.39
868-575 <sup>1</sup>	8X1	4	1	0	086	198.39
868-576 <sup>1</sup>	8X1-1/4	4	1	0	086	198.39
868-577 <sup>1</sup>	8X1-1/2	4	1	0	086	198.39
868-578 <sup>1</sup>	8X2	4	1	0	086	198.39
868-579 <sup>1</sup>	8X2-1/2	4	1	0	086	217.51
868-580 <sup>1</sup>	8X3	4	1	0	086	228.29
868-582	8X4	4	1	0	086	241.84

**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x Soc Double Outlet</b> (continued) with EPDM O-ring Seal & Zinc-Plated Hardware						
868-585	8X6	6	1	0	086	268.65
868-624	10X4	4	1	0	086	319.64
868-626	10X6	6	1	0	086	367.69
868-664	12X4	4	1	0	086	400.68
868-666	12X6	6	1	0	086	464.76

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x Soc Double Outlet**  
with EPDM O-ring Seal & SS Hardware



2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

868S-247	2X1/2	3/4	1	10	086	55.84
868S-248	2X3/4	7/8	1	10	086	55.84
868S-249	2X1	1-1/8	1	10	086	55.84
868S-250	2X1-1/4	1-1/2	1	10	086	55.84
868S-251	2X1-1/2	1-1/2	1	10	086	55.84
868S-291	2-1/2X1-1/2	1-3/4	1	10	086	75.04
868S-333 <sup>1</sup>	3X1/2	7/8	1	10	086	75.04
868S-334	3X3/4	7/8	1	10	086	75.04
868S-335	3X1	1-1/8	1	10	086	75.04
868S-336 <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	75.04
868S-337 <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	75.04
868S-338	3X2	2-1/4	1	10	086	75.04
868S-415 <sup>1</sup>	4X1/2	1-1/8	1	10	086	96.63
868S-416 <sup>1</sup>	4X3/4	1-1/8	1	10	086	96.63
868S-417	4X1	1-1/8	1	8	086	96.63
868S-418 <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	96.63
868S-419	4X1-1/2	1-3/4	1	8	086	96.63
868S-420	4X2	2-1/4	1	8	086	96.63
868S-421 <sup>1</sup>	4X2-1/2	3	1	4	086	104.86
868S-422	4X3	3	1	4	086	107.67
868S-523 <sup>1</sup>	6X1/2	1-1/8	1	4	086	161.04
868S-524 <sup>1</sup>	6X3/4	1-1/8	1	4	086	161.04
868S-525	6X1	1-1/8	1	4	086	161.04
868S-526 <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	161.04
868S-527 <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	161.04
868S-528	6X2	2-1/4	1	4	086	161.04
868S-529 <sup>1</sup>	6X2-1/2	3	1	4	086	166.50
868S-530	6X3	3	1	4	086	173.26
868S-532	6X4	4	1	4	086	180.16
868S-573 <sup>1</sup>	8X1/2	4	1	0	086	297.90
868S-574 <sup>1</sup>	8X3/4	4	1	0	086	297.90
868S-575 <sup>1</sup>	8X1	4	1	0	086	297.90
868S-576 <sup>1</sup>	8X1-1/4	4	1	0	086	297.90
868S-577 <sup>1</sup>	8X1-1/2	4	1	0	086	297.90
868S-578 <sup>1</sup>	8X2	4	1	0	086	297.90
868S-579 <sup>1</sup>	8X2-1/2	4	1	0	086	327.82
868S-580 <sup>1</sup>	8X3	4	1	0	086	344.31
868S-582	8X4	4	1	0	086	363.28
868S-585	8X6	6	1	0	086	433.32
868S-624	10X4	4	1	0	086	482.09
868S-626	10X6	6	1	0	086	554.39
868S-664	12X4	4	1	0	086	604.32
868S-666	12X6	6	1	0	086	700.89

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Double Outlet**  
with Viton® O-ring Seal & Zinc-Plated Hardware



2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

869V-247SR	2X1/2	3/4	1	10	086	44.54
869V-248SR	2X3/4	7/8	1	10	086	44.54
869V-249SR	2X1	1-1/8	1	10	086	44.54
869V-250SR	2X1-1/4	1-1/2	1	10	086	44.54

Made in the U.S.A.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC Gray Clamp-On Saddle x SR Thread Double Outlet</b> (continued) with Viton® O-ring Seal & Zinc-Plated Hardware						
869V-251SR	2X1-1/2	1-1/2	1	10	086	44.54
869V-291SR	2-1/2X1-1/2	1-3/4	1	10	086	61.23
869V-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	61.23
869V-334SR	3X3/4	7/8	1	10	086	61.23
869V-335SR	3X1	1-1/8	1	10	086	61.23
869V-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	61.23
869V-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	61.23
869V-338SR	3X2	2-1/4	1	10	086	61.23
869V-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	76.04
869V-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	76.04
869V-417SR	4X1	1-1/8	1	8	086	76.04
869V-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	76.04
869V-419SR	4X1-1/2	1-3/4	1	8	086	76.04
869V-420SR	4X2	2-1/4	1	8	086	76.04
869V-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	81.74
869V-422SR	4X3	3	1	4	086	86.36
869V-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	128.78
869V-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	128.78
869V-525SR	6X1	1-1/8	1	4	086	128.78
869V-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	128.78
869V-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	128.78
869V-528SR	6X2	2-1/4	1	4	086	128.78
869V-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	155.56
869V-530SR	6X3	3	1	4	086	164.40
869V-532SR	6X4	4	1	4	086	172.69
869V-573SR <sup>1</sup>	8X1/2	4	1	0	086	260.80
869V-574SR <sup>1</sup>	8X3/4	4	1	0	086	260.80
869V-575SR <sup>1</sup>	8X1	4	1	0	086	260.80
869V-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	260.80
869V-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	260.80
869V-578SR <sup>1</sup>	8X2	4	1	0	086	260.80
869V-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	286.96
869V-580SR <sup>1</sup>	8X3	4	1	0	086	301.34
869V-582SR	8X4	4	1	0	086	319.48
869V-585SR	8X6	6	1	0	086	371.88
869V-624SR	10X4	4	1	0	086	380.11
869V-626SR	10X6	6	1	0	086	437.12
869V-664SR	12X4	4	1	0	086	476.50
869V-666SR	12X6	6	1	0	086	554.46

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Double Outlet**  
with Viton® O-ring Seal & SS Hardware



2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

869SV-247SR	2X1/2	3/4	1	10	086	71.60
869SV-248SR	2X3/4	7/8	1	10	086	71.60
869SV-249SR	2X1	1-1/8	1	10	086	71.60
869SV-250SR	2X1-1/4	1-1/2	1	10	086	71.60
869SV-251SR	2X1-1/2	1-1/2	1	10	086	71.60
869SV-291SR	2-1/2X1-1/2	1-3/4	1	10	086	94.99
869SV-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	94.99
869SV-335SR	3X1	1-1/8	1	10	086	94.99
869SV-334SR	3X3/4	7/8	1	10	086	94.99
869SV-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	94.99
869SV-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	94.99
869SV-338SR	3X2	2-1/4	1	10	086	94.99
869SV-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	119.43
869SV-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	119.43
869SV-417SR	4X1	1-1/8	1	8	086	119.43
869SV-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	119.43
869SV-419SR	4X1-1/2	1-3/4	1	8	086	119.43
869SV-420SR	4X2	2-1/4	1	8	086	119.43
869SV-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	125.78



**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x SR Thread Double Outlet**  
(continued)

with Viton® O-ring Seal & SS Hardware

869SV-422SR	4X3	3	1	4	086	132.20
869SV-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	198.98
869SV-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	198.98
869SV-525SR	6X1	1-1/8	1	4	086	198.98
869SV-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	198.98
869SV-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	198.98
869SV-528SR	6X2	2-1/4	1	4	086	198.98
869SV-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	213.04
869SV-530SR	6X3	3	1	4	086	226.60
869SV-532SR	6X4	4	1	4	086	232.49
869SV-573SR <sup>1</sup>	8X1/2	4	1	0	086	335.98
869SV-574SR <sup>1</sup>	8X3/4	4	1	0	086	335.98
869SV-575SR <sup>1</sup>	8X1	4	1	0	086	335.98
869SV-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	335.98
869SV-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	335.98
869SV-578SR <sup>1</sup>	8X2	4	1	0	086	335.98
869SV-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	369.48
869SV-580SR <sup>1</sup>	8X3	4	1	0	086	387.95
869SV-582SR	8X4	4	1	0	086	411.32
869SV-585SR	8X6	6	1	0	086	449.15
869SV-624SR	10X4	4	1	0	086	489.43
869SV-626SR	10X6	4	1	0	086	562.88
869SV-664SR	12X4	4	1	0	086	613.45
869SV-666SR	12X6	6	1	0	086	711.68

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Double Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



869-247SR	2X1/2	3/4	1	10	086	39.90
869-248SR	2X3/4	7/8	1	10	086	39.90
869-249SR	2X1	1-1/8	1	10	086	39.90
869-250SR	2X1-1/4	1-1/2	1	10	086	39.90
869-251SR	2X1-1/2	1-1/2	1	10	086	39.90
869-291SR	2-1/2X1-1/2	1-3/4	1	10	086	53.73
869-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	53.73
869-334SR	3X3/4	7/8	1	10	086	53.73
869-335SR	3X1	1-1/8	1	10	086	53.73
869-336SR <sup>1</sup>	3X1-1/4	1-1/8	1	10	086	53.73
869-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	53.73
869-338SR	3X2	2-1/4	1	10	086	53.73
869-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	67.18
869-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	67.18
869-417SR	4X1	1-1/8	1	8	086	67.18
869-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	67.18
869-419SR	4X1-1/2	1-3/4	1	8	086	67.18
869-420SR	4X2	2-1/4	1	8	086	67.18
869-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	73.47
869-422SR	4X3	3	1	4	086	77.99
869-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	111.96
869-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	111.96
869-525SR	6X1	1-1/8	1	4	086	111.96
869-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	111.96
869-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	111.96
869-528SR	6X2	2-1/4	1	4	086	111.96
869-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	138.85
869-530SR	6X3	3	1	4	086	147.04
869-532SR	6X4	4	1	4	086	163.85
869-573SR <sup>1</sup>	8X1/2	4	1	0	086	240.71
869-574SR <sup>1</sup>	8X3/4	4	1	0	086	240.71
869-575SR <sup>1</sup>	8X1	4	1	0	086	240.71
869-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	240.71
869-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	240.71

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Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Clamp-On Saddle x SR Thread Double Outlet**  
(continued)

with EPDM O-ring Seal & Zinc-Plated Hardware

869-578SR <sup>1</sup>	8X2	4	1	0	086	240.71
869-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	264.90
869-580SR <sup>1</sup>	8X3	4	1	0	086	277.81
869-582SR	8X4	4	1	0	086	294.63
869-585SR	8X6	6	1	0	086	332.86
869-624SR	10X4	4	1	0	086	350.51
869-626SR	10X6	6	1	0	086	403.15
869-664SR	12X4	4	1	0	086	439.59
869-666SR	12X6	6	1	0	086	509.87

<sup>1</sup>Outlet-sized with Bushing

**PVC Gray Clamp-On Saddle x SR Thread Double Outlet**

with EPDM O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



869S-247SR	2X1/2	3/4	1	10	086	64.21
869S-248SR	2X3/4	7/8	1	10	086	64.21
869S-249SR	2X1	1-1/8	1	10	086	64.21
869S-250SR	2X1-1/4	1-1/2	1	10	086	64.21
869S-251SR	2X1-1/2	1-1/2	1	10	086	64.21
869S-291SR	2-1/2X1-1/2	1-3/4	1	10	086	85.60
869S-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	85.60
869S-334SR	3X3/4	7/8	1	10	086	85.60
869S-335SR	3X1	1-1/8	1	10	086	85.60
869S-336SR <sup>1</sup>	3X1-1/4	2-1/4	1	10	086	85.60
869S-337SR <sup>1</sup>	3X1-1/2	2-1/4	1	10	086	85.60
869S-338SR	3X2	2-1/4	1	10	086	85.60
869S-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	107.24
869S-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	107.24
869S-417SR	4X1	1-1/8	1	8	086	107.24
869S-418SR <sup>1</sup>	4X1-1/4	1-3/4	1	8	086	107.24
869S-419SR	4X1-1/2	1-3/4	1	8	086	107.24
869S-420SR	4X2	2-1/4	1	8	086	107.24
869S-421SR <sup>1</sup>	4X2-1/2	3	1	4	086	114.56
869S-422SR	4X3	3	1	4	086	119.69
869S-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	178.66
869S-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	178.66
869S-525SR	6X1	1-1/8	1	4	086	178.66
869S-526SR <sup>1</sup>	6X1-1/4	2-1/4	1	4	086	178.66
869S-527SR <sup>1</sup>	6X1-1/2	2-1/4	1	4	086	178.66
869S-528SR	6X2	2-1/4	1	4	086	178.66
869S-529SR <sup>1</sup>	6X2-1/2	3	1	4	086	187.48
869S-530SR	6X3	3	1	4	086	195.18
869S-532SR	6X4	4	1	4	086	201.37
869S-573SR <sup>1</sup>	8X1/2	4	1	0	086	307.47
869S-574SR <sup>1</sup>	8X3/4	4	1	0	086	307.47
869S-575SR <sup>1</sup>	8X1	4	1	0	086	307.47
869S-576SR <sup>1</sup>	8X1-1/4	4	1	0	086	307.47
869S-577SR <sup>1</sup>	8X1-1/2	4	1	0	086	307.47
869S-578SR <sup>1</sup>	8X2	4	1	0	086	307.47
869S-579SR <sup>1</sup>	8X2-1/2	4	1	0	086	322.74
869S-580SR <sup>1</sup>	8X3	4	1	0	086	342.20
869S-582SR	8X4	4	1	0	086	362.79
869S-585SR	8X6	6	1	0	086	398.24
869S-624SR	10X4	4	1	0	086	350.51
869S-626SR	10X6	6	1	0	086	496.47
869S-664SR	12X4	4	1	0	086	541.23
869S-666SR	12X6	6	1	0	086	627.76

<sup>1</sup>Outlet-sized with Bushing



**Schedule 80 PVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Hot-Tap Saddle**  
EPDM Saddle x Soc (Spigot) Zinc Plated Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT2-248	<b>2X3/4 (1)</b>	1	5	049	48.63
HT2-251	<b>2X1-1/2 (2)</b>	1	5	049	100.47
HT2-288	<b>2-1/2X3/4 (1)</b>	1	5	049	51.97
HT2-291	<b>2-1/2X1-1/2 (2)</b>	1	5	049	103.82
HT2-334	<b>3X3/4 (1)</b>	1	5	049	59.52
HT2-337	<b>3X1-1/2 (2)</b>	1	5	049	114.43
HT2-416	<b>4X3/4 (1)</b>	1	5	049	68.74
HT2-419	<b>4X1-1/2 (2)</b>	1	0	049	120.99
HT2-524	<b>6X3/4 (1)</b>	1	5	049	77.27
HT2-527	<b>6X1-1/2 (2)</b>	1	0	049	128.82
HT2-574	<b>8X3/4 (1)</b>	1	0	049	85.51
HT2-577	<b>8X1-1/2 (2)</b>	1	0	049	137.35

**PVC Gray Hot-Tap Saddle**  
EPDM Saddle x Soc (Spigot) SS316 Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT2S-248	<b>2X3/4 (1)</b>	1	5	049	75.72
HT2S-251	<b>2X1-1/2 (2)</b>	1	5	049	156.34
HT2S-288	<b>2-1/2X3/4 (1)</b>	1	5	049	80.89
HT2S-291	<b>2-1/2X1-1/2 (2)</b>	1	5	049	161.51
HT2S-334	<b>3X3/4 (1)</b>	1	5	049	92.65
HT2S-337	<b>3X1-1/2 (2)</b>	1	5	049	178.15
HT2S-416	<b>4X3/4 (1)</b>	1	5	049	107.03
HT2S-419	<b>4X1-1/2 (2)</b>	1	0	049	188.34
HT2S-524	<b>6X3/4 (1)</b>	1	5	049	120.17
HT2S-527	<b>6X1-1/2 (2)</b>	1	0	049	200.35
HT2S-574	<b>8X3/4 (1)</b>	1	0	049	132.45
HT2S-577	<b>8X1-1/2 (2)</b>	1	0	049	212.93

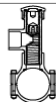
**PVC Gray Hot-Tap Saddle**  
Viton® Saddle x Soc (Spigot) Zinc Plated Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT3-248	<b>2X3/4 (1)</b>	1	5	049	52.82
HT3-251	<b>2X1-1/2 (2)</b>	1	5	049	108.99
HT3-288	<b>2-1/2X3/4 (1)</b>	1	5	049	56.45
HT3-291	<b>2-1/2X1-1/2 (2)</b>	1	5	049	112.62
HT3-334	<b>3X3/4 (1)</b>	1	5	049	64.54
HT3-337	<b>3X1-1/2 (2)</b>	1	5	049	124.35
HT3-416	<b>4X3/4 (1)</b>	1	5	049	74.61
HT3-419	<b>4X1-1/2 (2)</b>	1	0	049	129.71
HT3-524	<b>6X3/4 (1)</b>	1	5	049	83.84
HT3-527	<b>6X1-1/2 (2)</b>	1	0	049	139.44
HT3-574	<b>8X3/4 (1)</b>	1	0	049	93.19
HT3-577	<b>8X1-1/2 (2)</b>	1	0	049	165.14

**PVC Gray Hot-Tap Saddle**  
Viton® Saddle x Soc (Spigot) SS316 Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT3S-248	<b>2X3/4 (1)</b>	1	5	049	82.15
HT3S-251	<b>2X1-1/2 (2)</b>	1	5	049	169.63
HT3S-288	<b>2-1/2X3/4 (1)</b>	1	5	049	88.02
HT3S-291	<b>2-1/2X1-1/2 (2)</b>	1	5	049	175.34
HT3S-334	<b>3X3/4 (1)</b>	1	5	049	100.47
HT3S-337	<b>3X1-1/2 (2)</b>	1	5	049	193.51
HT3S-416	<b>4X3/4 (1)</b>	1	5	049	115.97
HT3S-419	<b>4X1-1/2 (2)</b>	1	0	049	204.41
HT3S-524	<b>6X3/4 (1)</b>	1	5	049	130.50
HT3S-527	<b>6X1-1/2 (2)</b>	1	0	049	217.14
HT3S-574	<b>8X3/4 (1)</b>	1	0	049	144.33

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
Progressive Products from Spears® Innovation and Technology

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Gray Hot-Tap Saddle (continued)**  
Viton® Saddle x Soc (Spigot) SS316 Bolts

HT3S-577	<b>8X1-1/2 (2)</b>	1	0	049	230.15
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**PVC Gray Hot-Tap Saddle**  
EPDM with Stainless Steel Cutter & Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HTS2S-248	<b>2X3/4 (1)</b>	1	5	049	362.77
HTS2S-251	<b>2X1-1/2 (2)</b>	1	5	049	546.73
HTS2S-288	<b>2-1/2X3/4 (1)</b>	1	5	049	388.16
HTS2S-291	<b>2-1/2X1-1/2 (2)</b>	1	5	049	548.73
HTS2S-334	<b>3X3/4 (1)</b>	1	5	049	367.39
HTS2S-337	<b>3X1-1/2 (2)</b>	1	5	049	557.29
HTS2S-416	<b>4X3/4 (1)</b>	1	5	049	397.95
HTS2S-419	<b>4X1-1/2 (2)</b>	1	0	049	573.30
HTS2S-524	<b>6X3/4 (1)</b>	1	5	049	439.64
HTS2S-527	<b>6X1-1/2 (2)</b>	1	0	049	630.43
HTS2S-574	<b>8X3/4 (1)</b>	1	0	049	627.19
HTS2S-577	<b>8X1-1/2 (2)</b>	1	0	049	744.80

**PVC Gray Hot-Tap Saddle**  
Viton® with Stainless Steel Cutter & Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HTS3S-248	<b>2X3/4 (1)</b>	1	5	049	368.51
HTS3S-251	<b>2X1-1/2 (2)</b>	1	5	049	556.90
HTS3S-288	<b>2-1/2X3/4 (1)</b>	1	5	049	394.34
HTS3S-291	<b>2-1/2X1-1/2 (2)</b>	1	5	049	558.84
HTS3S-334	<b>3X3/4 (1)</b>	1	5	049	371.87
HTS3S-337	<b>3X1-1/2 (2)</b>	1	5	049	570.24
HTS3S-416	<b>4X3/4 (1)</b>	1	5	049	405.87
HTS3S-419	<b>4X1-1/2 (2)</b>	1	0	049	589.15
HTS3S-524	<b>6X3/4 (1)</b>	1	5	049	447.53
HTS3S-527	<b>6X1-1/2 (2)</b>	1	0	049	645.59
HTS3S-574	<b>8X3/4 (1)</b>	1	0	049	633.55
HTS3S-577	<b>8X1-1/2(2)</b>	1	0	049	758.85

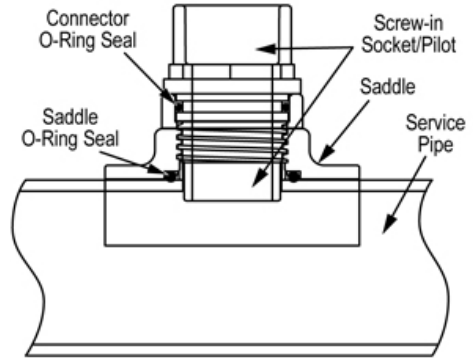


**Schedule 80 PVC Industrial Products & Accessories**  
**Mechanical Clamp-On Transition Saddles**

Designed for Polypropylene-to-PVC pipe transition, but fully suitable for any IPS pipe (metal or plastic) transition to PVC. Excellent for irrigation extensions and lateral take-offs. Pilot on lateral connector prevents saddle movement on pipe. Easy Installation - Clamp saddle to pipe, drill hole, install screw-in pilot/socket lateral connector. Injection molded in distinct blue color.



- Socket Outlet
- 315 psi Pressure Rating @ 73° F
- SS316 Mechanical Clamp
- EPDM O-ring Seals
- Interchangeable 1-1/2" & 2" Lateral Connector Sizes
- Stainless Steel Reinforcing Rings for Extra Strength



Note: Mechanical Clamp Not Shown

**Mechanical Clamp-on Transition Saddles**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Pipe O.D. x Socket**

For Polypropylene (or any IPS pipe, metal or plastic) - To - PVC Transitions

865-419	<b>4X1-1/2</b>	1	0	086	319.08
865-420	<b>4X2</b>	1	0	086	326.77
865-527	<b>6X1-1/2</b>	1	0	086	448.75
865-528	<b>6X2</b>	1	0	086	532.92
865-577	<b>8X1-1/2</b>	1	0	086	604.27
865-578	<b>8X2</b>	1	0	086	687.33

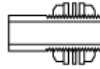


**Schedule 80 PVC Industrial Products & Accessories  
Tank Adapters**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Spigot Tank Adapter with EPDM Gasket Spig**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8173E-005	1/2	25	0	100	33.62
8173E-007	3/4	25	0	100	37.93
8173E-010	1	25	0	100	45.73
8173E-015	1-1/2	20	0	100	59.21
8173E-020	2	15	0	100	87.13

Install with threaded end, gasket and one nut inside tank. Use thread sealant on internal nut.

**PVC Self Aligning Tank Adapter with Neoprene Gasket**



Fipt

75 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172SA-010	1	5	0	100	140.46
8172SA-020	2	4	0	100	218.41
8172SA-030	3	2	0	100	330.48

**PVC Self Aligning Tank Adapter with EPDM Gasket**



Fipt

75 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172ESA-010	1	5	0	100	147.81
8172ESA-020	2	4	0	100	224.30
8172ESA-030	3	2	0	100	347.98

**PVC Self Aligning Tank Adapter with Viton® Gasket**



Fipt

75 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172VSA-010	1	5	0	100	382.99
8172VSA-020	2	4	0	100	543.73
8172VSA-030	3	2	0	100	854.35

**PVC New Style Standard Tank Adapters with Neoprene Gaskets**



Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170-002	1/4	25	150	100	32.62
8170-003	3/8	25	150	100	32.62
8170-005	1/2	25	0	100	32.62
8170-007	3/4	25	0	100	37.19
8170-010	1	25	0	100	41.32
8170-012	1-1/4	20	0	100	49.78
8170-015	1-1/2	20	0	100	54.62
8170-020	2	15	0	100	80.96
8170-025	2-1/2	4	0	100	125.11
8170-030	3	4	0	100	148.93
8170-040	4	2	0	100	293.37
8170-060	6	1	0	100	569.45
8170-080	8	1	0	100	1263.73

**PVC New Style Standard Tank Adapters with EPDM Gaskets**



Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170E-002	1/4	25	150	100	33.62
8170E-003	3/8	25	150	100	33.62
8170E-005	1/2	25	0	100	33.62
8170E-007	3/4	25	0	100	37.93
8170E-010	1	25	0	100	45.73
8170E-012	1-1/4	20	0	100	54.36
8170E-015	1-1/2	20	0	100	59.21

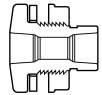
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC New Style Standard Tank Adapters with EPDM Gaskets (continued)**

Soc

8170E-020	2	15	0	100	87.13
8170E-025	2-1/2	4	0	100	145.22
8170E-030	3	4	0	100	154.49
8170E-040	4	2	0	100	300.78
8170E-060	6	1	0	100	589.89
8170E-080	8	1	0	100	1310.59

**PVC New Style Standard Tank Adapters with Viton® Gaskets**

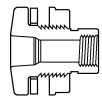


Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170V-002	1/4	25	150	100	55.43
8170V-003	3/8	25	150	100	55.43
8170V-005	1/2	25	0	100	55.43
8170V-007	3/4	25	0	100	60.77
8170V-010	1	25	0	100	72.77
8170V-012	1-1/4	20	0	100	76.73
8170V-015	1-1/2	20	0	100	84.51
8170V-020	2	15	0	100	138.66
8170V-025	2-1/2	4	0	100	209.01
8170V-030	3	4	0	100	248.82
8170V-040	4	2	0	100	622.45
8170V-060	6	1	0	100	1119.54
8170V-080	8	1	0	100	2084.04

**PVC New Style Standard Tank Adapters with Neoprene Gasket**

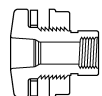


Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002	1/4	25	150	100	32.62
8171-003	3/8	25	200	100	32.62
8171-005	1/2	25	0	100	32.62
8171-007	3/4	25	0	100	37.19
8171-010	1	25	0	100	41.32
8171-012	1-1/4	20	0	100	49.78
8171-015	1-1/2	20	0	100	54.62
8171-020	2	15	0	100	80.96
8171-025	2-1/2	4	0	100	125.11
8171-030	3	4	0	100	148.93
8171-040	4	2	0	100	293.37
8171-060	6	1	0	100	569.45

**PVC New Style Standard Tank Adapters with EPDM Gaskets**



Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002	1/4	25	150	100	33.62
8171E-003	3/8	25	200	100	33.62
8171E-005	1/2	25	0	100	33.62
8171E-007	3/4	25	0	100	37.93
8171E-010	1	25	0	100	45.73
8171E-012	1-1/4	20	0	100	54.36
8171E-015	1-1/2	20	0	100	59.21
8171E-020	2	15	0	100	87.13
8171E-025	2-1/2	4	0	100	145.22
8171E-030	3	4	0	100	154.49
8171E-040	4	2	0	100	300.78
8171E-060	6	1	0	100	589.89



**Schedule 80 PVC Industrial Products & Accessories  
Tank Adapters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC New Style Standard Tank Adapters with Viton® Gaskets**

Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002	1/4	25	150	100	55.43
8171V-003	3/8	25	200	100	55.43
8171V-005	1/2	25	0	100	55.43
8171V-007	3/4	25	0	100	60.77
8171V-010	1	25	0	100	72.77
8171V-012	1-1/4	20	0	100	76.73
8171V-015	1-1/2	20	0	100	84.51
8171V-020	2	15	0	100	138.66
8171V-025	2-1/2	4	0	100	209.01
8171V-030	3	4	0	100	248.82
8171V-040	4	2	0	100	622.45
8171V-060	6	1	0	100	1119.54



**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets**

Soc x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002SR	1/4	25	150	100	33.80
8171-003SR	3/8	25	200	100	33.80
8171-005SR	1/2	25	0	100	33.80
8171-007SR	3/4	25	0	100	39.16
8171-010SR	1	25	0	100	44.10
8171-012SR	1-1/4	20	0	100	54.21
8171-015SR	1-1/2	20	0	100	62.22
8171-020SR	2	15	0	100	89.17
8171-025SR	2-1/2	4	0	100	143.57
8171-030SR	3	4	0	100	170.90
8171-040SR	4	2	0	100	316.12
8171-060SR	6	1	0	100	591.63



**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets**

Soc x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002SR	1/4	25	150	100	34.99
8171E-003SR	3/8	25	200	100	34.99
8171E-005SR	1/2	25	0	100	34.99
8171E-007SR	3/4	25	0	100	39.90
8171E-010SR	1	25	0	100	48.51
8171E-012SR	1-1/4	20	0	100	58.77
8171E-015SR	1-1/2	20	0	100	66.79
8171E-020SR	2	15	0	100	95.34
8171E-025SR	2-1/2	4	0	100	148.23
8171E-030SR	3	4	0	100	176.47
8171E-040SR	4	2	0	100	323.55
8171E-060SR	6	1	0	100	611.98



**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets**

Soc x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002SR	1/4	25	150	100	56.80
8171V-003SR	3/8	25	200	100	56.80
8171V-005SR	1/2	25	0	100	56.80
8171V-007SR	3/4	25	0	100	62.33
8171V-010SR	1	25	0	100	76.83
8171V-012SR	1-1/4	20	0	100	86.03
8171V-015SR	1-1/2	20	0	100	96.98
8171V-020SR	2	15	0	100	148.51
8171V-025SR	2-1/2	4	0	100	226.10



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets (continued)**

Soc x SR Fipt - Stainless Steel Collar

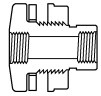
8171V-030SR	3	4	0	100	269.15
8171V-040SR	4	2	0	100	646.67
8171V-060SR	6	2	0	100	1146.10

**PVC New Style Standard Tank Adapters with Neoprene Gaskets**

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002	1/4	25	150	100	43.81
8172-003	3/8	25	200	100	43.81
8172-005	1/2	25	0	100	43.81
8172-007	3/4	25	0	100	48.05
8172-010	1	25	0	100	52.55
8172-012	1-1/4	20	0	100	70.06
8172-015	1-1/2	20	0	100	76.37
8172-020	2	15	0	100	100.57
8172-025	2-1/2	4	0	100	147.20
8172-030	3	4	0	100	175.21
8172-040	4	2	0	100	328.33
8172-060	6	1	0	100	657.06

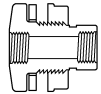


**PVC New Style Standard Tank Adapters with EPDM Gaskets**

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002	1/4	25	150	100	45.11
8172E-003	3/8	25	200	100	45.11
8172E-005	1/2	25	0	100	45.11
8172E-007	3/4	25	0	100	48.99
8172E-010	1	25	0	100	58.20
8172E-012	1-1/4	50	0	100	76.50
8172E-015	1-1/2	20	0	100	82.74
8172E-020	2	15	0	100	108.23
8172E-025	2-1/2	4	0	100	152.68
8172E-030	3	4	0	100	181.79
8172E-040	4	2	0	100	336.70
8172E-060	6	1	0	100	680.67

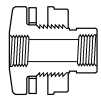


**PVC New Style Standard Tank Adapters with Viton® Gaskets**

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002	1/4	25	150	100	67.78
8172V-003	3/8	25	200	100	67.78
8172V-005	1/2	25	0	100	67.78
8172V-007	3/4	25	0	100	72.24
8172V-010	1	25	0	100	82.51
8172V-012	1-1/4	20	0	100	93.63
8172V-015	1-1/2	20	0	100	106.87
8172V-020	2	15	0	100	158.35
8172V-025	2-1/2	4	0	100	226.17
8172V-030	3	4	0	100	269.32
8172V-040	4	2	0	100	656.38
8172V-060	6	1	0	100	1255.86

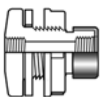


**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets**

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002SR	1/4	25	150	100	45.19
8172-003SR	3/8	25	200	100	45.19
8172-005SR	1/2	25	0	100	45.19



**Schedule 80 PVC Industrial Products & Accessories  
Tank Adapters**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets (continued)**

**Fipt x SR Fipt - Stainless Steel Collar**

8172-007SR	3/4	25	0	100	50.03
8172-010SR	1	25	0	100	55.33
8172-012SR	1-1/4	20	0	100	74.51
8172-015SR	1-1/2	20	0	100	83.97
8172-020SR	2	15	0	100	108.80
8172-025SR	2-1/2	4	0	100	165.65
8172-030SR	3	4	0	100	197.21
8172-040SR	4	2	0	100	351.09
8172-060SR	6	1	0	100	679.14

**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets**

**Fipt x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002SR	1/4	25	150	100	46.49
8172E-003SR	3/8	25	200	100	46.49
8172E-005SR	1/2	25	0	100	46.49
8172E-007SR	3/4	25	0	100	50.97
8172E-010SR	1	25	0	100	60.98
8172E-012SR	1-1/4	20	0	100	80.95
8172E-015SR	1-1/2	20	0	100	90.31
8172E-020SR	2	15	0	100	116.47
8172E-025SR	2-1/2	4	0	100	171.16
8172E-030SR	3	4	0	100	203.74
8172E-040SR	4	2	0	100	359.46
8172E-060SR	6	1	0	100	702.68

**PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets**

**Fipt x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002SR	1/4	25	150	100	69.15
8172V-003SR	3/8	25	200	100	69.15
8172V-005SR	1/2	25	0	100	69.15
8172V-007SR	3/4	25	0	100	74.24
8172V-010SR	1	25	0	100	85.29
8172V-012SR	1-1/4	20	0	100	98.05
8172V-015SR	1-1/2	20	0	100	114.46
8172V-020SR	2	15	0	100	166.59
8172V-025SR	2-1/2	4	0	100	244.62
8172V-030SR	3	4	0	100	291.29
8172V-040SR	4	2	0	100	679.14
8172V-060SR	6	2	0	100	1282.40

**Tank Adapter with Neoprene Gasket (Old Style)**

**Soc x Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

871-005	1/2	25	0	100	32.62
871-007	3/4	25	0	100	37.19
871-010	1	25	0	100	41.32
871-012	1-1/4	20	0	100	49.78
871-015	1-1/2	20	0	100	54.62
871-020	2	15	0	100	80.96
871-030	3	4	0	100	148.93
871-040	4	2	0	100	293.37

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tank Adapter with Neoprene Gasket (Old Style)**

**Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

872-005	1/2	25	0	100	43.81
872-007	3/4	25	0	100	48.05
872-010	1	25	0	100	52.55
872-012	1-1/4	20	0	100	70.06
872-015	1-1/2	20	0	100	76.37
872-020	2	15	0	100	100.57
872-030	3	4	0	100	175.21
872-040	4	2	0	100	328.33

**Tank Adapter with EPDM Gasket (Old Style)**

**Soc x Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

871E-005	1/2	25	0	100	33.62
871E-007	3/4	25	0	100	37.93
871E-010	1	25	0	100	45.73
871E-012	1-1/4	20	0	100	54.36
871E-015	1-1/2	20	0	100	59.21
871E-020	2	15	0	100	87.13
871E-030	3	4	0	100	154.49
871E-040	4	2	0	100	300.78

**Tank Adapter with EPDM Gasket (Old Style)**

**Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

872E-005	1/2	25	0	100	45.11
872E-007	3/4	25	0	100	48.99
872E-010	1	25	0	100	58.20
872E-012	1-1/4	20	0	100	76.50
872E-015	1-1/2	20	0	100	82.74
872E-020	2	15	0	100	108.23
872E-030	3	4	0	100	181.79
872E-040	4	2	0	100	336.70

**Neoprene Tank Adapter Gasket Only (New Style)**

3N-002	1/4	100	0	901	2.57
3N-003	3/8	50	0	901	2.57
3N-005	1/2	10	0	901	2.57
3N-007	3/4	10	0	901	2.76
3N-010	1	10	0	901	2.94
3N-012	1-1/4	10	0	901	4.06
3N-015	1-1/2	10	0	901	4.76
3N-020	2	10	0	901	6.23
3N-025	2-1/2	10	0	901	6.50
3N-030	3	10	0	901	6.78
3N-040	4	10	0	901	18.76
2N-060	6	10	0	901	23.44
3N-080	8	10	0	901	107.48

**EPDM Tank Adapter Gasket Only (New Style)**

3E-002	1/4	10	0	901	2.99
3E-003	3/8	10	0	901	2.99
3E-005	1/2	10	0	901	2.99
3E-007	3/4	10	0	901	3.09
3E-010	1	10	0	901	5.36
3E-012	1-1/4	10	0	901	7.85



**Schedule 80 PVC Industrial Products & Accessories  
Tank Adapters & Expansion Joints**

**Tank Adapters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>EPDM Tank Adapter Gasket Only (New Style) (continued)</b>					
3E-015	1-1/2	10	0	901	8.06
3E-020	2	10	0	901	9.22
3E-025	2-1/2	10	0	901	13.07
3E-030	3	10	0	901	14.05
3E-040	4	10	0	901	21.17
2E-060	6	10	0	901	38.21
3E-080	8	10	0	901	138.69

**Viton® Tank Adapter Gasket Only (New Style)**

3V-002	1/4	10	0	901	10.95
3V-003	3/8	10	0	901	12.91
3V-005	1/2	10	0	901	19.27
3V-007	3/4	10	0	901	23.86
3V-010	1	10	0	901	32.62
3V-012	1-1/4	10	0	901	51.88
3V-015	1-1/2	10	0	901	56.04
3V-020	2	10	0	901	89.76
3V-025	2-1/2	10	0	901	99.16
3V-030	3	10	0	901	103.32
3V-040	4	10	0	901	233.79
2V-060	6	10	0	901	585.23
3V-080	8	10	0	901	981.52

**Neoprene Tank Adapter Gasket Only (Old Style)**

2N-005	1/2	10	0	901	2.57
2N-007	3/4	10	0	901	2.76
2N-010	1	10	0	901	2.94
2N-015	1-1/4 OR 1-1/2	10	0	901	4.76
2N-020	2	10	0	901	6.23
2N-030	3	10	0	901	6.78
2N-040	4	10	0	901	18.76

**EPDM Tank Adapter Gasket Only (Old Style)**

2E-005	1/2	10	0	901	2.99
2E-007	3/4	10	0	901	3.09
2E-010	1	10	0	901	5.36
2E-015	1-1/4 OR 1-1/2	10	0	901	8.06
2E-020	2	10	0	901	9.22
2E-030	3	10	0	901	14.05

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>EPDM Tank Adapter Gasket Only (Old Style) (continued)</b>					
2E-040	4	10	0	901	21.17

**Wrench Sets (New Style)  
Body Wrench & Nut Wrench**



TAW-002	1/4	1	25	299	20.80
TAW-003	3/8	1	25	299	20.80
TAW-005	1/2	1	25	299	20.80
TAW-007	3/4	1	25	299	21.20
TAW-010	1	1	25	299	22.05
TAW-012	1-1/4	1	20	299	24.87
TAW-015	1-1/2	1	20	299	26.98
TAW-020	2	1	10	299	30.73
TAW-025	2-1/2	1	10	299	34.00
TAW-030	3	1	10	299	37.47
TAW-040	4	1	10	299	40.15

**Individual Body Wrench (New Style)**



TAW1-002	1/4	500	0	299	11.67
TAW1-003	3/8	400	0	299	11.67
TAW1-005	1/2	250	0	299	11.67
TAW1-007	3/4	220	0	299	11.89
TAW1-010	1	200	0	299	12.38
TAW1-012	1-1/4	300	0	299	14.02
TAW1-015	1-1/2	150	0	299	15.10
TAW1-020	2	100	0	299	16.39
TAW1-025	2-1/2	80	0	299	17.13
TAW1-030	3	74	0	299	21.48
TAW1-040	4	35	0	299	22.10

**Individual Nut Wrench (New Style)**



TAW2-002	1/4	300	0	299	11.67
TAW2-003	3/8	250	0	299	11.67
TAW2-005	1/2	200	0	299	11.67
TAW2-007	3/4	160	0	299	11.89
TAW2-010	1	110	0	299	12.38
TAW2-012	1-1/4	200	0	299	14.02
TAW2-015	1-1/2	120	0	299	15.10
TAW2-020	2	100	0	299	16.39
TAW2-025	2-1/2	50	0	299	17.13
TAW2-030	3	40	0	299	21.48

**Schedule 80 PVC Industrial Products & Accessories  
Expansion Joints & Pipe Flanges**



**Expansion Joints**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Fabricated Expansion Joints**

12" Travel with EPDM O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)  
14" 100 psi @ 73°F (23°C)

826-005X12	<b>1/2</b>	10	0	085	334.50
826-007X12	<b>3/4</b>	6	0	085	353.77
826-010X12	<b>1</b>	5	0	085	423.93
826-012X12	<b>1-1/4</b>	4	0	085	540.47
826-015X12	<b>1-1/2</b>	4	0	085	429.18
826-020X12	<b>2</b>	2	0	085	506.27
826-025X12	<b>2-1/2</b>	1	0	085	850.53
826-030X12	<b>3</b>	1	0	085	654.06
826-040X12	<b>4</b>	1	0	085	734.77
826-060X12	<b>6</b>	1	0	085	1070.35
826-080X12	<b>8</b>	1	0	085	1435.01
826-100X12	<b>10</b>	1	0	085	1754.40
826-120X12	<b>12</b>	1	0	085	2810.05
826-140X12	<b>14</b>	1	0	085	3119.11

Viton® O-rings available on special order. Add a "V" preceding the dash (-) separator, e.g. 826V-005X12

**PVC Elastomer Expansion Joint**

with EPDM Bellows Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ22-007	<b>3/4</b>	10	0	085	191.79
EJ22-010	<b>1</b>	10	0	085	217.45
EJ22-012	<b>1-1/4</b>	15	0	085	234.09
EJ22-015	<b>1-1/2</b>	10	0	085	284.39
EJ22-020	<b>2</b>	8	0	085	349.54
EJ22-025	<b>2-1/2</b>	4	0	085	494.46
EJ22-030	<b>3</b>	2	0	085	679.68

**PVC Elastomer Expansion Joint**

with Neoprene Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ01-007SR	<b>3/4</b>	10	0	085	190.59
EJ01-010SR	<b>1</b>	10	0	085	217.05
EJ01-012SR	<b>1-1/4</b>	15	0	085	236.07
EJ01-015SR	<b>1-1/2</b>	10	0	085	301.37
EJ01-020SR	<b>2</b>	8	0	085	362.07
EJ01-025SR	<b>2-1/2</b>	4	0	085	527.64
EJ01-030SR	<b>3</b>	2	0	085	709.59

**PVC Elastomer Expansion Joint**

with Neoprene Bellows Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ02-007	<b>3/4</b>	10	0	085	187.96
EJ02-010	<b>1</b>	10	0	085	213.12
EJ02-012	<b>1-1/4</b>	15	0	085	227.07
EJ02-015	<b>1-1/2</b>	10	0	085	279.55
EJ02-020	<b>2</b>	8	0	085	342.55
EJ02-025	<b>2-1/2</b>	4	0	085	484.59
EJ02-030	<b>3</b>	2	0	085	666.11

**PVC Elastomer Expansion Joint**

with EPDM Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007SR	<b>3/4</b>	10	0	085	194.46
EJ21-010SR	<b>1</b>	10	0	085	221.48
EJ21-012SR	<b>1-1/4</b>	15	0	085	240.91
EJ21-015SR	<b>1-1/2</b>	10	0	085	307.50
EJ21-020SR	<b>2</b>	8	0	085	369.47
EJ21-025SR	<b>2-1/2</b>	4	0	085	535.41
EJ21-030SR	<b>3</b>	2	0	085	724.07

**Pipe Flanges**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Van Stone Style**

Flange x PIP Soc



125 psi Maximum Internal Pressure Rating @ 73°F (23°C)

354-060F	<b>6X6.140</b>	1	4	320	126.99
354-080F	<b>8X8.160</b>	1	2	320	192.30
354-100F	<b>10X10.200</b>	1	2	320	270.38
354-120F	<b>12X12.240</b>	1	2	320	391.60
354-150F	<b>14X15.300</b>	1	0	320	1043.82
354-151F	<b>16X15.300</b>	1	0	320	1190.79
354-181F	<b>18X18.701</b>	1	0	320	1809.00
354-182F	<b>18X18.360</b>	1	0	320	1809.00
354-201F	<b>20X22.047</b>	1	0	320	2755.48
354-241F	<b>24X24.803</b>	1	0	320	4035.33

For more information, refer to 80, 100 & 125 psi PIP Fabrication Fittings.

PIP = Plastic Irrigation Pipe (dimensions are NOT the same as IPS dimensions)

Sizes 6" - 16" are furnished with plastic ring.  
Sizes 18" - 24" are furnished with steel ring.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange One Piece Soc**



1/2" - 16" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

851-005	<b>1/2</b>	25	0	080	17.20
851-007	<b>3/4</b>	25	0	080	18.38
851-010	<b>1</b>	15	0	080	20.47
851-012	<b>1-1/4</b>	15	0	080	21.09
851-015	<b>1-1/2</b>	20	0	080	21.55
851-020	<b>2</b>	10	0	080	28.68
851-025	<b>2-1/2</b>	10	0	080	44.27
851-030	<b>3</b>	10	0	080	48.89
851-040	<b>4</b>	5	0	080	61.90
851-050	<b>5</b>	5	0	080	97.33
851-060	<b>6</b>	5	0	080	97.33
851-080	<b>8</b>	2	0	080	174.16
851-100F	<b>10</b>	1	2	083	473.27
851-120F	<b>12</b>	1	0	083	574.71
851-140F	<b>14</b>	1	0	083	1057.02
851-160F	<b>16</b>	1	0	083	1450.64





## Schedule 80 PVC Industrial Products & Accessories Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange One Piece (continued)

#### Soc

851-180F	18	1	0	083	3068.69
851-200F	20	1	0	083	3757.83
851-240F	24	1	0	083	4990.84

### Flange One Piece

#### Fipt

150 psi Maximum Internal Pressure Rating @73°F (23°C)

852-005	1/2	25	0	080	20.59
852-007	3/4	25	0	080	24.12
852-010	1	15	0	080	26.41
852-012	1-1/4	15	0	080	36.41
852-015	1-1/2	20	0	080	39.74
852-020	2	10	0	080	40.64
852-025	2-1/2	10	0	080	93.44
852-030	3	10	0	080	96.18
852-040	4	5	0	080	180.71
852-060F	6	1	5	083	217.09
852-080F	8	1	2	083	544.84

### Special Reinforced Flange One Piece

#### Threaded

#### SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @73°F (23°C)

852-005SR	1/2	25	0	086	11.31
852-007SR	3/4	25	0	086	13.29
852-010SR	1	15	0	086	14.53
852-012SR	1-1/4	15	0	086	20.02
852-015SR	1-1/2	15	0	086	21.91
852-020SR	2	10	0	086	22.44
852-025SR	2-1/2	10	0	086	51.39
852-030SR	3	10	0	086	52.91
852-040SR	4	5	0	086	99.46

### Blind Flange

1/2" - 12" Molded - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

14" - 24" Fabricated - 50 psi Maximum Internal Pressure Rating @ 73°F (23°C)

853-005	1/2	25	0	080	24.11
853-007	3/4	25	0	080	28.72
853-010	1	15	0	080	39.23
853-012	1-1/4	20	0	080	48.15
853-015	1-1/2	15	0	080	48.15
853-020	2	10	0	080	71.94
853-025	2-1/2	10	0	080	117.21
853-030	3	10	0	080	141.45
853-040	4	8	0	080	176.21
853-050F	5	1	5	083	441.70
853-060	6	5	0	080	214.13
853-080	8	5	0	080	268.02
853-100	10	3	0	081	448.18
853-120	12	2	0	081	698.01
853-140F	14	1	0	083	1327.90
853-160F	16	1	0	083	1574.63
853-180F	18	1	0	083	1770.89
853-200F	20	1	0	083	2862.36
853-240F	24	1	0	083	3816.12

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange Van Stone Style with PVC Ring

#### Soc

1/2" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

854-005	1/2	25	0	080	17.18
854-007	3/4	25	0	080	18.37
854-010	1	15	0	080	20.46
854-012	1-1/4	15	0	080	21.07
854-015	1-1/2	20	0	080	21.50
854-020	2	10	0	080	28.63
854-025	2-1/2	10	0	080	44.22
854P-030	3	10	0	080	48.87
854P-040	4	5	0	080	61.82
854P-050	5	5	0	080	97.24
854P-060	6	5	0	080	97.24
854P-080	8	2	0	080	158.35
854P-100	10	2	0	081	205.00
854P-120	12	2	0	081	221.03
854P-140	14	1	0	081	853.30
854P-160	16	1	0	081	1141.33
854P-180	18	1	0	081	1840.81
854-180FP	18	1	0	083	2912.47
854-200FP	20	1	0	083	3562.39
854-240FP	24	1	0	083	4846.02

### Flange Van Stone Style with Glass Filled PVC Ring

#### Soc

3" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

854-030	3	10	0	080	48.87
854-040	4	5	0	080	61.82
854-050	5	5	0	080	97.24
854-060	6	5	0	080	97.24
854-080	8	2	0	080	158.35
854-100	10	2	0	081	205.00
854-120	12	2	0	081	221.03
854-140	14	1	0	081	853.30
854-160	16	1	0	081	1141.33
854-180	18	1	0	081	1840.81

18" flange has 4-section ring

### Flange Van Stone Style Class 300 Bolt Pattern

#### Fabricated with PVC Ring

#### Soc

1/2" - 16" molded with fab ring - 150 psi = maximum internal pressure rating @ 73°F (23°C)

18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

854-005CL300	1/2	1	25	083	141.21
854-007CL300	3/4	1	25	083	164.07
854-010CL300	1	1	15	083	257.80
854-012CL300	1-1/4	1	15	083	263.24
854-015CL300	1-1/2	1	20	083	273.44
854-020CL300	2	10	0	083	287.90
854-025CL300	2-1/2	1	10	083	316.12
854-030CL300	3	1	10	083	347.18
854-040CL300	4	1	3	083	588.69
854-060CL300	6	1	4	083	1121.23
854-080CL300	8	1	3	083	1276.26
854-100CL300	10	1	2	083	1502.52
854-120CL300	12	1	0	083	1925.03
854-140CL300	14	1	0	083	2122.53



**Schedule 80 PVC Industrial Products & Accessories  
Pipe Flanges**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Van Stone Style Class 300 Bolt Pattern  
Fabricated with PVC Ring (continued)**

**Soc**

854-160CL300	<b>16</b>	1	0	083	2210.38
854-180CL300	<b>18</b>	1	0	083	3090.45
854-200CL300	<b>20</b>	1	0	083	4012.82
854-240CL300	<b>24</b>	1	0	083	5087.14

**Flange Van Stone Style with PVC Ring  
Spig**



1/2" - 12" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)  
20" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

856-005	<b>1/2</b>	25	0	080	17.27
856-007	<b>3/4</b>	25	0	080	18.51
856-010	<b>1</b>	15	0	080	20.63
856-012	<b>1-1/4</b>	15	0	080	21.28
856-015	<b>1-1/2</b>	15	0	080	21.71
856-020	<b>2</b>	10	0	080	28.85
856-025	<b>2-1/2</b>	10	0	080	44.59
856P-030	<b>3</b>	10	0	080	49.26
856P-040	<b>4</b>	5	0	080	62.33
856P-060	<b>6</b>	4	0	080	98.04
856P-080	<b>8</b>	2	0	080	175.38
856P-100	<b>10</b>	2	0	081	205.00
856P-120	<b>12</b>	2	0	081	221.03
856-200FP	<b>20</b>	1	0	083	3562.39
856-240FP	<b>24</b>	1	0	083	4846.02

**Flange Van Stone Style with Glass Filled  
PVC Ring  
Spig**



3" - 12" molded, 14" - 18" molded/fabricated - 150 psi = maximum internal pressure rating @ 73°F (23°C)

856-030	<b>3</b>	10	0	080	49.26
856-040	<b>4</b>	5	0	080	62.33
856-060	<b>6</b>	4	0	080	98.04
856-080	<b>8</b>	2	0	080	175.38
856-100	<b>10</b>	2	0	081	205.00
856-120	<b>12</b>	2	0	081	221.03
856-140FP**	<b>14</b>	1	0	083	1830.60
856-160FP**	<b>16</b>	1	0	083	2221.02
856-180FP**	<b>18</b>	1	0	083	2912.47

\*\* Fabricated from molded socket flanges with pipe spigot.  
18" flange uses 4-piece ring

**Flange Van Stone Style with Steel Ring  
Soc**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

854-180FS	<b>18</b>	1	0	083	1719.40
854-200FS	<b>20</b>	1	0	083	2083.53
854-240FS	<b>24</b>	1	0	083	2804.11

**Flange Van Stone Style with Steel Ring  
Spig**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

856-140FS	<b>14</b>	1	0	083	926.46
856-160FS	<b>16</b>	1	0	083	1132.41
856-180FS	<b>18</b>	1	0	083	1283.14
856-200FS	<b>20</b>	1	0	083	1545.53
856-240FS	<b>24</b>	1	0	083	2098.65

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Van Stone Style PVC with Solid Ring  
Soc**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

S854-020	<b>2</b>	10	0	080	35.80
S854-030	<b>3</b>	10	0	080	61.10
S854-040	<b>4</b>	5	0	080	77.29

**Flange Van Stone Style PVC with Glass Filled  
PVC Solid Ring  
Soc**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

S854-060	<b>6</b>	5	0	080	121.57
S854-080	<b>8</b>	2	0	080	197.93
S854-100	<b>10</b>	2	0	081	256.24
S854-120	<b>12</b>	2	0	081	276.26

**Flange Van Stone Style with PVC Ring  
ASTM Soc x Multi-bolt Pattern Ring**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M854-020	<b>2</b>	10	0	080	28.63
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\* Hubs fit 2", 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

**Flange Van Stone Style with Glass Filled PVC  
Ring  
ASTM Soc x Multi-bolt Pattern Ring**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M854-060	<b>6</b>	5	0	080	97.24
M854-080	<b>8</b>	2	0	080	158.35

\* Hubs fit 2", 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

**Flange Van Stone Style with PVC Ring  
ASTM Spig x Multi-bolt Pattern Ring**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M856-020	<b>2</b>	10	0	080	28.85
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\* Spigots fit 2", 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

**Flange Van Stone Style with Glass Filled PVC  
Ring  
ASTM Spig x Multi-bolt Pattern Ring**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M856-060	<b>6</b>	4	0	080	98.04
M856-080	<b>8</b>	2	0	080	159.54

\* Spigots fit 2", 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

**Flange Van Stone Style with PVC Ring  
Fipt**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

855-005	<b>1/2</b>	25	0	080	20.55
855-007	<b>3/4</b>	25	0	080	24.11
855-010	<b>1</b>	15	0	080	26.37



**Schedule 80 PVC Industrial Products & Accessories  
Pipe Flanges & Van Stone Style Flange Replacement Split Rings**

**Pipe Flanges**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Flange Van Stone Style with PVC Ring (continued)</b>					
<b>Fipt</b>					
855-012	1-1/4	15	0	080	36.35
855-015	1-1/2	20	0	080	39.70
855-020	2	10	0	080	40.62
855-025	2-1/2	10	0	080	93.38

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Flange Van Stone Style with Glass Filled PVC Ring</b>					
<b>Fipt</b>					
150 psi Maximum Internal Pressure Rating @ 73°F (23°C)					
855-030	3	10	0	080	96.05
855-040	4	5	0	080	174.64
855-060	6	1	4	080	274.64
855-060F	6	1	4	083	244.12
855-080	8	2	0	080	340.33
855-080F	8	1	2	083	302.88
855-100F	10	1	2	083	341.23



**Van Stone Style Flange Replacement Split Rings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Application & Use of Van Stone Style Flange Replacement Split Rings**



Designed for easy Van Stone style flange ring replacement in the event of system modification, repair, or improper assembly without having to remove existing flange hub. Split rings are made as a direct replacement of existing one-piece rings used on Spears® brand only of Van Stone style flanges with ANSI Class 150 bolt pattern plastic rings. Remove old ring to be replaced then simply place the split ring sections around hub and install flange bolts (not included) through special designed section overlap to hold in position. Install appropriate user supplied bolts, washers and gasket (see Flange Gasket and Bolt Hardware Kits in this catalog); torque to specifications according to normal flange assembly. Split rings are a set of either 2-pieces or 4-pieces (illustrated) sections depending on size, in regular PVC, Glass Filled PVC, or CPVC for flange type and sizes listed.

**Glass Filled PVC Flange Replacement Split Rings (continued)**

**For Spears® flanges with Glass Filled PVC Rings**

854-080-1S	8	4	0	080	216.41
854-100-1S	10	4	0	081	273.19
854-120-1S	12	2	0	081	338.61
854-140-1S	14	2	0	081	463.79
854-160-1S	16	1	0	081	576.16
854-180-1S	18	1	0	081	625.76

Fits 854-xxx Socket, 855-xxx Threaded, and 856-xxx Spigot hub configurations

**PVC Flange Replacement Split Rings**



**For Spears® flanges with regular PVC Rings**

854P-005-1S	1/2	10	0	080	52.23
854P-007-1S	3/4	10	0	080	55.45
854P-010-1S	1	15	0	080	62.01
854P-012-1S	1-1/4	15	0	080	63.22
854P-015-1S	1-1/2	10	0	080	64.77
854P-020-1S	2	10	0	080	85.97
854P-025-1S	2-1/2	10	0	080	99.45
854P-030-1S	3	10	0	080	110.26
854P-040-1S	4	10	0	080	118.20
854P-050-1S	5	10	0	080	160.07
854P-060-1S	6	5	0	080	189.41
854P-080-1S	8	4	0	080	216.41
854P-100-1S	10	4	0	081	273.19
854P-120-1S	12	2	0	081	338.61
854P-140-1S	14	2	0	081	463.79
854P-160-1S	16	1	0	081	576.16
854P-180-1S	18	1	0	081	625.76
854P-200-1S	20	1	0	083	3321.26
854P-240-1S	24	1	0	083	4069.37

Fits 854-xxx Socket, 855-xxx Threaded, and 856-xxx Spigot hub configurations

**Glass Filled PVC Flange Replacement Split Rings**



**For Spears® flanges with Glass Filled PVC Rings**

854-030-1S	3	10	0	080	110.26
854-040-1S	4	10	0	080	118.20
854-050-1S	5	5	0	080	160.07
854-060-1S	6	5	0	080	189.41

**Schedule 80 PVC Industrial Products & Accessories  
Flange Insulating Joints & Flange Bolt Kits**



**Flange Insulating Joints**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Insulating Joints - Class 150 Bolt Pattern**

**PP Flange Spacer with PVC Bolt Isolators**

Size = Nominal Flange Diameter x Thickness (in.)  
For Dielectric Insulation Between Dissimilar Metal Flanges  
300 psi Maximum Internal Pressure Rating @ 73°F (23°C)

IJ-030-010P	<b>3X1</b>	1	0	016	437.66
IJ-040-010P	<b>4X1</b>	1	0	016	489.00
IJ-060-010P	<b>6X1</b>	1	0	016	581.23
IJ-080-010P	<b>8X1</b>	1	0	016	674.56
IJ-100-010P	<b>10X1</b>	1	0	016	1371.04
IJ-120-010P	<b>12X1</b>	1	0	016	1484.97
IJ-140-010P	<b>14X1</b>	1	0	016	1924.19
IJ-160-010P	<b>16X1</b>	1	0	016	2445.09
IJ-180-010P	<b>18X1</b>	1	0	016	3272.97
IJ-200-010P	<b>20X1</b>	1	0	016	4225.35
IJ-240-010P	<b>24X1</b>	1	0	016	5868.24



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Insulating Joints - Class 300 Bolt Pattern**

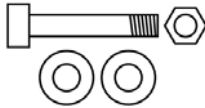
**PP Flange Spacer with PVC Bolt Isolators**

Size = Nominal Flange Diameter x Thickness (in.)  
For Dielectric Insulation Between Dissimilar Metal Flanges  
300 psi Maximum Internal Pressure Rating @ 73°F (23°C)

IJ300-030-010P	<b>3X1</b>	1	0	016	644.74
IJ300-040-010P	<b>4X1</b>	1	0	016	717.09
IJ300-060-010P	<b>6X1</b>	1	0	016	1098.37
IJ300-080-010P	<b>8X1</b>	1	0	016	1370.26
IJ300-100-010P	<b>10X1</b>	1	0	016	2273.20
IJ300-120-010P	<b>12X1</b>	1	0	016	2987.23
IJ300-140-010P	<b>14X1</b>	1	0	016	3763.17
IJ300-160-010P	<b>16X1</b>	1	0	016	4012.77
IJ300-180-010P	<b>18X1</b>	1	0	016	5015.00
IJ300-200-010P	<b>20X1</b>	1	0	016	5810.30
IJ300-240-010P	<b>24X1</b>	1	0	016	7134.02



**Flange Bolt Kits  
Bolt Kit Selection Guide**



Order Gaskets & Bolt Kits Separately

- Kit Contains All Bolts, Nuts, & Flat Washers for Specified Flange Size
- For Connecting Two (2) Mating Spears® Flanges
- Pre-coated, Anti-seize Lubricated Bolts
- Available in Zinc Coated Steel, Type 304 Stainless Steel or Type 316 Stainless Steel

Flange Size	Bolts <sup>1</sup> Per Kit	Diameter (in.-TPI)	Length (in.)	Hardware Kit Part Number		
				Zinc	316 SS	304 SS
1/2 & 3/4	4	1/2-13	2	HK-005	HK1-005	HK2-005
1 & 1-1/4	4	1/2-13	2-1/4	HK-010	HK1-010	HK2-010
1-1/2	4	1/2-13	2-1/2	HK-015	HK1-015	HK2-015
2	4	5/8-11	3	HK-020	HK1-020	HK2-020
2-1/2	4	5/8-11	3-1/4	HK-025	HK1-025	HK2-025
3	4	5/8-11	3-1/2	HK-030	HK1-030	HK2-030
4	8	5/8-11	3-1/2	HK-040	HK1-040	HK2-040
5 & 6	8	3/4-10	4	HK-060	HK1-060	HK2-060
8	8	3/4-10	4-1/2	HK-080	HK1-080	HK2-080
10 & 12	12	7/8-9	5	HK-120	HK1-120	HK2-120

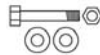
<sup>1</sup> - Each Bolt includes Nut & two (2) Flat Washers

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Zinc Plated Steel Flange Bolt Hardware Kits**

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK-005	<b>1/2</b>	1	10	017	9.53
HK-010	<b>3/4 &amp; 1</b>	1	10	017	11.91
HK-015	<b>1-1/4 &amp; 1-1/2</b>	1	10	017	17.91
HK-020	<b>2</b>	1	10	017	23.97
HK-025	<b>2-1/2</b>	1	10	017	28.74
HK-030	<b>3</b>	1	10	017	33.07
HK-040	<b>4</b>	1	5	017	68.51
HK-060	<b>5 &amp; 6</b>	1	5	017	76.20
HK-080	<b>8</b>	1	0	017	89.30
HK-120	<b>10 &amp; 12</b>	1	0	017	120.82



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Type 316 Stainless Steel Flange Bolt Hardware Kits (continued)**

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK1-015	<b>1-1/4 &amp; 1-1/2</b>	1	10	017	45.39
HK1-020	<b>2</b>	1	10	017	54.59
HK1-025	<b>2-1/2</b>	1	10	017	58.51
HK1-030	<b>3</b>	1	10	017	77.20
HK1-040	<b>4</b>	1	5	017	154.81
HK1-060	<b>5 &amp; 6</b>	1	5	017	201.91
HK1-080	<b>8</b>	1	0	017	253.36
HK1-120	<b>10 &amp; 12</b>	1	0	017	515.45

**Type 316 Stainless Steel Flange Bolt Hardware Kits**

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK1-005	<b>1/2</b>	1	10	017	28.60
HK1-010	<b>3/4 &amp; 1</b>	1	10	017	41.20



**Type 304 Stainless Steel Flange Bolt Hardware Kits**

For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

HK2-005	<b>1/2</b>	1	10	017	25.02
HK2-010	<b>3/4 &amp; 1</b>	1	10	017	35.69
HK2-015	<b>1-1/4 &amp; 1-1/2</b>	1	10	017	42.05
HK2-020	<b>2</b>	1	10	017	49.46
HK2-025	<b>2-1/2</b>	1	10	017	52.44





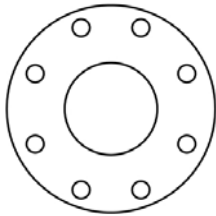
**Schedule 80 PVC Industrial Products & Accessories  
Flange Bolt Kits & Full-Faced Flange Gaskets**

**Flange Bolt Kits**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 304 Stainless Steel Flange Bolt Hardware Kits</b> (continued) For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK2-030	3	1	10	017	65.12
HK2-040	4	1	5	017	130.24
HK2-060	5 & 6	1	5	017	137.28

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 304 Stainless Steel Flange Bolt Hardware Kits</b> (continued) For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK2-080	8	1	0	017	180.52
HK2-120	10 & 12	1	0	017	319.94

**Full-Faced Flange Gaskets  
Gasket Selection Guide**



Order Gaskets & Bolt Kits Separately

- 1/8" Full-Face design with ANSI Class 150 Bolt Patterns
- Pressure rated to 150 psi @ 73°F
- Available in Buna-N, EPDM, or Viton® (FKM)

Flange Size	Bolt Holes	Gasket Part Number		
		Buna-N	EPDM	FKM
1/2	4	GK1-005	GK2-005	GK3-005
3/4	4	GK1-007	GK2-007	GK3-007
1	4	GK1-010	GK2-010	GK3-010
1-1/4	4	GK1-012	GK2-012	GK3-012
1-1/2	4	GK1-015	GK2-015	GK3-015
2	4	GK1-020	GK2-020	GK3-020
2-1/2	4	GK1-025	GK2-025	GK3-025
3	4	GK1-030	GK2-030	GK3-030
4	8	GK1-040	GK2-040	GK3-040
5	8	GK1-050	GK2-050	GK3-050
6	8	GK1-060	GK2-060	GK3-060
8	8	GK1-080	GK2-080	GK3-080
10	12	GK1-100	GK2-100	GK3-100
12	12	GK1-120	GK2-120	GK3-120

**Buna-N Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK1-005	1/2	1	25	017	3.06
GK1-007	3/4	1	25	017	3.51
GK1-010	1	1	25	017	3.61
GK1-012	1-1/4	1	25	017	3.70
GK1-015	1-1/2	1	25	017	3.97
GK1-020	2	1	25	017	4.44
GK1-025	2-1/2	1	25	017	4.88
GK1-030	3	1	25	017	7.51
GK1-040	4	1	25	017	8.40
GK1-050	5	1	25	017	9.96
GK1-060	6	1	25	017	10.23
GK1-080	8	1	25	017	13.49
GK1-100	10	1	25	017	17.12
GK1-120	12	1	25	017	23.09

**Viton® (FKM) Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK3-005	1/2	1	25	017	14.49
GK3-007	3/4	1	25	017	17.20
GK3-010	1	1	25	017	19.01
GK3-012	1-1/4	1	5	017	21.46
GK3-015	1-1/2	1	25	017	27.07
GK3-020	2	1	25	017	37.84
GK3-025	2-1/2	1	25	017	50.61
GK3-030	3	1	25	017	113.09
GK3-040	4	1	25	017	130.55
GK3-050	5	1	25	017	152.19
GK3-060	6	1	25	017	172.66
GK3-080	8	1	25	017	245.99
GK3-100	10	1	25	017	327.20
GK3-120	12	1	25	017	461.02

**EPDM Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK2-005	1/2	1	25	017	4.06
GK2-007	3/4	1	25	017	4.32
GK2-010	1	1	25	017	4.51
GK2-012	1-1/4	1	25	017	4.74
GK2-015	1-1/2	1	25	017	5.09
GK2-020	2	1	25	017	6.21
GK2-025	2-1/2	1	25	017	7.46
GK2-030	3	1	25	017	10.96
GK2-040	4	1	25	017	12.48
GK2-050	5	1	25	017	15.61
GK2-060	6	1	25	017	16.38
GK2-080	8	1	25	017	21.82
GK2-100	10	1	25	017	28.43
GK2-120	12	1	25	017	39.12

**Schedule 80 PVC Industrial Products & Accessories**  
**Schedule 80 Repair Fittings & Compression Couplings**



**Schedule 80 Repair Fittings**

**Pipe Extenders**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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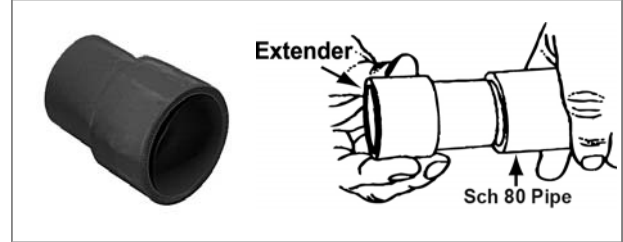
**Pipe O.D. Spigot x Pipe I.D. Spigot**  
 Fabricated, Non-Pressure Rated

S0801-20F	2	1	10	394	73.68
S0801-25F	2-1/2	1	8	394	85.26
S0801-30F	3	1	8	394	96.49
S0801-40F	4	1	12	394	104.60
S0801-60F	6	1	10	394	139.70
S0801-80F	8	1	2	394	150.81
S0801-100F	10	1	0	394	196.28
S0801-120F	12	1	0	394	275.67
S0801-140F	14	1	0	394	782.20
S0801-160F	16	1	0	394	915.44
S0801-180F	18	1	0	394	1201.55

**Pipe Extenders (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Pipe O.D. Spigot x Pipe I.D. Spigot**



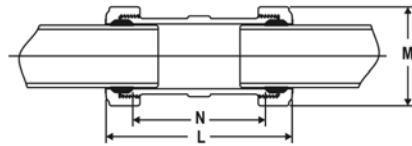
**Compression Couplings**



- Designed for Quick Connections, System Modifications or Repairs
- Completely Redesigned for Improved Versatility
- Easy-Thread Compression Nut
- New Spigot Conversion Capability
- Full Service 200 PSI Pressure Rating
- NSF® Certified for Potable Water Use

**Basic Dimensions**

Part Number	Size (in.)	L	M	N
S110-05G	1/2	5-3/16	1-3/16	3-3/8
S110-07G	3/4	5-7/16	2-1/16	3-9/16
S110-10G	1	5-11/16	2-7/16	3-3/4
S110-12G	1-1/4	6-1/4	2-15/16	4-1/8
S110-15G	1-1/2	6-1/2	3-5/16	4-5/8
S110-20G	2	7-1/8	3-3/4	5-1/16
S110-25G	2-1/2	8-11/16	4-11/16	5-7/8
S110-30G	3	9-1/2	5-1/2	6-3/16
S110-40G	4	11-5/16	6-3/4	7-3/8
S110-60G	6	11-5/8	9-5/16	7-9/16



N = Maximum allowable space between pipe ends.  
 NOTE: Decreasing distance between pipe ends improves stability and is recommended.

**PVC Gray**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**EPDM Gasket**

S110E-05G	1/2	28	0	024	4.37
S110E-07G	3/4	24	0	024	5.86
S110E-10G	1	15	0	024	7.56
S110E-12G	1-1/4	10	0	024	11.66
S110E-15G	1-1/2	16	0	024	12.04
S110E-20G	2	12	0	024	15.62
S110E-25G	2-1/2	6	0	024	29.41
S110E-30G	3	4	0	024	38.46
S110E-40G	4	4	0	024	63.27
S110E-60G	6	1	0	024	143.89

**Compression Coupling Nut Wrenches**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-005	1/2	1	50	299	11.33
CCW-007	3/4	1	50	299	11.53
CCW-010	1	1	50	299	12.02

Made in the U.S.A.

**Compression Coupling Nut Wrenches (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-012	1-1/4	1	50	299	13.60
CCW-015	1-1/2	1	50	299	14.67
CCW-020*	2	1	50	299	16.39
CCW-030**	3	1	25	299	20.16
CCW-060	6	8	0	299	30.32

\* CCW-20 - Wrench also fits 2-1/2" Coupling Body  
 \*\*CCW-30 - Wrench also fits 4" Coupling Body

**Compression Coupling Nut Wrench Set**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-000	Set	1	50	299	94.70

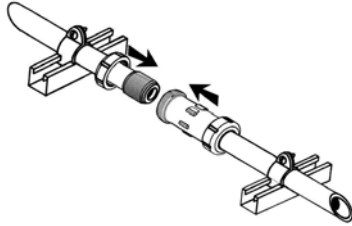
Complete Set of Wrenches, Sizes 1/2 - 3



## Schedule 80 PVC Industrial Products & Accessories Compression Couplings

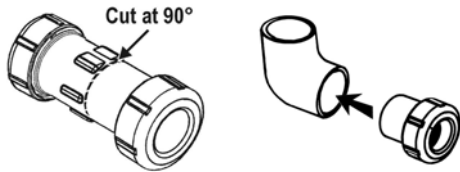
### Easy Installation

Spears® Compression Couplings easily install by simply sliding nut over pipe, slip on gasket, then insert into body and tighten nuts.



### Convert Fittings to Compression Outlet

Socket-type fittings 3/4" through 3" can be easily converted to compression outlet sizes 1/2" through 2-1/2" by simply cutting the Compression Coupling at the center holding ribs and solvent welding the spigot body into a fitting socket.



Compression Coupling Size (in.)	Body Spigot Size (in.)
1/2	3/4
3/4	1
1	1-1/4
1-1/4	1-1/2
1-1/2	2
2	2-1/2
2-1/2	3

### Important Installation Note

**WARNING:** The compression joints provide a positive seal but do not restrain pipe from thrusts and movement under pressure. Use of compression joint requires blocking connecting pipe to prevent any movement. Failure to do so can result in system failure or severe personal injury. Use in cold water/fluid applications only.



## Schedule 80 PVC Industrial Products & Accessories Gauge Guards



Connections use Spears® Patented Special Reinforced (SR)  
Female Threads on Pressure Inlet (1/4" or 1/2")

Pressure Rating  
235 psi @ 73°F  
16 BAR @ 22°C  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply  
Rated for Full Vacuum Service

Gauge Guards are pre-filled with glycerin-water  
on units with Factory Installed Gauges.  
"No Gauge" units are to be filled by end user.

### PVC GAUGE GUARDS

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>No Gauge</b>	G0004-002 <b>98.64</b>	G0004-005 <b>98.64</b>	1	18	624
<b>0-30 in-Hg</b>	G30V4-002 <b>166.52</b>	G30V4-005 <b>166.52</b>	1	18	624
<b>0-15 psi</b>	G0154-002 <b>157.41</b>	G0154-005 <b>157.41</b>	1	18	624
<b>0-30 psi</b>	G0304-002 <b>157.41</b>	G0304-005 <b>157.41</b>	1	18	624
<b>0-60 psi</b>	G0604-002 <b>157.41</b>	G0604-005 <b>157.41</b>	1	18	624
<b>0-100 psi</b>	G1004-002 <b>157.41</b>	G1004-005 <b>157.41</b>	1	18	624
<b>0-160 psi</b>	G1604-002 <b>157.41</b>	G1604-005 <b>157.41</b>	1	18	624
<b>0-200 psi</b>	G2004-002 <b>157.41</b>	G2004-005 <b>157.41</b>	1	18	624
<b>0-300 psi</b>	G3004-002 <b>157.41</b>	G3004-005 <b>157.41</b>	1	18	624

### PTFE Diaphragm

<b>No Gauge</b>	G0003-002 <b>98.64</b>	G0003-005 <b>98.64</b>	1	18	624
<b>0-30 in-Hg</b>	G30V3-002 <b>166.52</b>	G30V3-005 <b>166.52</b>	1	18	624
<b>0-15 psi</b>	G0153-002 <b>157.41</b>	G0153-005 <b>157.41</b>	1	18	624
<b>0-30 psi</b>	G0303-002 <b>157.41</b>	G0303-005 <b>157.41</b>	1	18	624
<b>0-60 psi</b>	G0603-002 <b>157.41</b>	G0603-005 <b>157.41</b>	1	18	624
<b>0-100 psi</b>	G1003-002 <b>157.41</b>	G1003-005 <b>157.41</b>	1	18	624
<b>0-160 psi</b>	G1603-002 <b>157.41</b>	G1603-005 <b>157.41</b>	1	18	624
<b>0-200 psi</b>	G2003-002 <b>157.41</b>	G2003-005 <b>157.41</b>	1	18	624
<b>0-300 psi</b>	G3003-002 <b>157.41</b>	G3003-005 <b>157.41</b>	1	18	624

### EPDM Diaphragm

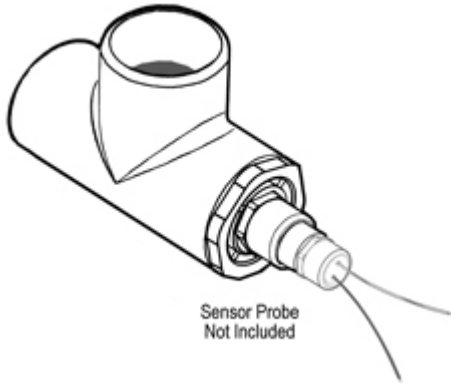
<b>No Gauge</b>	G0002-002 <b>94.65</b>	G0002-005 <b>94.65</b>	1	18	624
<b>0-30 in-Hg</b>	G30V2-002 <b>159.83</b>	G30V2-005 <b>159.83</b>	1	18	624
<b>0-15 psi</b>	G0152-002 <b>151.16</b>	G0152-005 <b>151.16</b>	1	18	624
<b>0-30 psi</b>	G0302-002 <b>151.16</b>	G0302-005 <b>151.16</b>	1	18	624
<b>0-60 psi</b>	G0602-002 <b>151.16</b>	G0602-005 <b>151.16</b>	1	18	624
<b>0-100 psi</b>	G1002-002 <b>151.16</b>	G1002-005 <b>151.16</b>	1	18	624
<b>0-160 psi</b>	G1602-002 <b>151.16</b>	G1602-005 <b>151.16</b>	1	18	624
<b>0-200 psi</b>	G2002-002 <b>151.16</b>	G2002-005 <b>151.16</b>	1	18	624

### PVC GAUGE GUARDS (continued)

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>0-300 psi</b>	G3002-002 <b>151.16</b>	G3002-005 <b>151.16</b>	1	18	624



**Schedule 80 PVC Industrial Products & Accessories**  
**Gauge & Instrument Fittings Schedule 80 Specialty Fittings for Sensor Probes**



Use with a wide variety of commercial sensor probes including pressure, temperature, pH, ORP (REDOX), Conductivity, Dissolved Oxygen and other specialty electrodes that are used in industrial, municipal water, wastewater treatment, solid landfills, chemical manufacturing, electroplating, boilers and cooling towers, pulp and paper, DI water skids, pool & spa and other OEM applications. Features Spears® patented Special Reinforced (SR) female plastic thread connection that eliminates splitting from inadvertent over tightening.

- Centers Probe in Fluid Stream
- Suitable for Horizontal or Vertical Installations
- Available in 1/2" Through 8" Tee Configuration with 1/2", 3/4" or 1" NPT Connection

**PVC Instrument Probe Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced**

803-005SR	1/2	25	0	086	6.76
803-095SR	3/4X1/2X3/4	15	0	086	12.53
803-007SR	3/4	15	0	086	10.71
803-113SR	1X1/4X1	15	0	086	29.38
803-122SR	1X1/2X1	15	0	086	11.50
803-126SR	1X3/4X1	15	0	086	16.10
803-010SR	1	15	0	086	12.55
803-142SR	1-1/4X1/2X1-1/4	10	0	086	19.87
803-149SR	1-1/4X3/4X1-1/4	10	0	086	20.10
803-159SR	1-1/4X1X1-1/4	10	0	086	20.73
803-177SR	1-1/2X1/2X1-1/2	10	0	086	22.73
803-188SR	1-1/2X3/4X1-1/2	10	0	086	23.19
803-197SR	1-1/2X1X1-1/2	10	0	086	24.14
803-221SR	2X1/2X2	10	0	086	32.33
803-227SR	2X3/4X2	15	0	086	33.83
803-233SR	2X1X2	4	0	086	34.76
803-333SR	3X1/2X3	5	0	086	48.33
803-334SR	3X3/4X3	5	0	086	49.90
803-335SR	3X1X3	5	0	086	51.27
803-415SR	4X1/2X4	4	0	086	75.15
803-416SR	4X3/4X4	4	0	086	78.30
803-417SR	4X1X4	4	0	086	80.85
803-523SR	6X1/2X6	2	0	086	154.62
803-524SR	6X3/4X6	2	0	086	159.39
803-525SR	6X1X6	2	0	086	161.98
803-573SR	8X1/2X8	1	0	086	318.32
803-574SR	8X3/4X8	1	0	086	323.10
803-575SR	8X1X8	1	0	086	327.52

**Schedule 80 PVC Industrial Products & Accessories  
True Union 2000 Industrial Ball Valves**



**Socket Style**

**Pressure Rating @ 73°F (23°C), Water**  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi



**SR Threaded Style**

**Maximum Service Temperature**  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service



**6" Lever Handle Style**

**Note:** Standard 6" Valve uses lockout type Lever-Style Handle for proper leverage. Non-locking T-Handle is more compact, but will increase difficulty of operation.  
 True Union 2000 Industrial Ball Valves have Built-in Handle Lockouts (except 6" T-Handle Option)  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
 Contact Spears® for Pricing on Custom Elastomer Seals

See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**PVC Industrial**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded &amp; Socket Ends</b>					
1/2	1829-005	1839-005	1	18	600
	47.21	52.51			
3/4	1829-007	1839-007	1	18	600
	55.86	62.14			
1	1829-010	1839-010	1	12	600
	66.52	74.09			
1-1/4	1829-012	1839-012	1	8	600
	92.02	117.46			
1-1/2	1829-015	1839-015	1	8	600
	110.84	123.04			
2	1829-020	1839-020	1	4	600
	146.26	161.06			

**Socket Ends**

2-1/2	1822-025	1832-025	1	0	601
	281.15	380.96			
3	1822-030	1832-030	1	0	601
	370.67	411.86			
4	1822-040	1832-040	1	0	601
	626.28	695.87			
6	1822-060	1832-060	1	0	612
	1352.89	1501.36			
8	1822-080	1832-080	1	0	612
	1799.35	1996.81			

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

**Threaded Ends**

2-1/2	1821-025	1831-025	1	0	601
	281.15	380.96			
3	1821-030	1831-030	1	0	601
	370.67	411.86			
4	1821-040	1831-040	1	0	601
	626.28	695.87			
6	1821-060	1831-060	1	0	612
	1352.89	1501.36			

**SR Threaded Ends**

1/2	1821-005SR	1831-005SR	1	18	600
	48.21	53.54			
3/4	1821-007SR	1831-007SR	1	18	600
	58.29	64.60			
1	1821-010SR	1831-010SR	1	12	600
	68.96	76.53			
1-1/4	1821-012SR	1831-012SR	1	8	600
	99.35	124.80			
1-1/2	1821-015SR	1831-015SR	1	8	600
	118.73	130.93			
2	1821-020SR	1831-020SR	1	4	600
	154.80	169.44			
2-1/2	1821-025SR	1831-025SR	1	0	601
	304.12	403.90			
3	1821-030SR	1831-030SR	1	0	601
	393.65	434.83			
4	1821-040SR	1831-040SR	1	0	601
	653.10	722.69			
6	1821-060SR	1831-060SR	1	0	612
	1391.15	1539.60			

**PVC Industrial**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
1/2	1827-005	1837-005	1	18	600
	47.21	52.51			
3/4	1827-007	1837-007	1	18	600
	55.86	62.14			
1	1827-010	1837-010	1	12	600
	66.52	74.09			
1-1/4	1827-012	1837-012	1	8	600
	92.02	117.46			
1-1/2	1827-015	1837-015	1	8	600
	110.84	123.04			
2	1827-020	1837-020	1	4	600
	146.26	161.06			
2-1/2	1827-025	1837-025	1	0	601
	281.15	380.96			
3	1827-030	1837-030	1	0	601
	370.67	411.86			
4	1827-040	1837-040	1	0	601
	626.28	695.87			
6	1827-060	1837-060	1	0	612
	1352.89	1501.36			

**Flanged Ends**

1/2	1823-005	1833-005	1	8	600
	67.53	72.02			
3/4	1823-007	1833-007	1	8	600
	85.54	93.05			
1	1823-010	1833-010	1	8	600
	103.53	111.35			
1-1/4	1823-012	1833-012	1	8	600
	121.57	135.06			
1-1/2	1823-015	1833-015	1	4	600
	153.10	166.59			
2	1823-020	1833-020	1	0	600
	243.78	258.56			
2-1/2	1823-025	1833-025	1	0	601
	450.21	457.66			
3	1823-030	1833-030	1	0	601
	497.62	617.83			
4	1823-040	1833-040	1	0	601
	1000.54	1159.79			
6	1823-060	1833-060	1	0	612
	2130.35	2470.10			
8	1823-080	1833-080	1	0	612
	2833.36	3285.23			

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

**PVC 6" Industrial T-Handle Valve Option (Non-Locking)**

**NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
6	18226-060	18326-060	1	0	612
	1352.89	1501.36			



**Schedule 80 PVC Industrial Products & Accessories**  
**True Union 2000 Industrial Ball Valves & True Union 2000 Industrial Vented/Bleach Ball Valves**

**True Union 2000 Industrial Ball Valves**

**PVC 6" Industrial T-Handle Valve Option (Non-Locking)**

**NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>					
<b>6</b>	18216-060 <b>1352.89</b>	18316-060 <b>1501.36</b>	1	0	612
<b>SR Threaded Ends</b>					
<b>6</b>	18216-060SR <b>1391.15</b>	18316-060SR <b>1539.60</b>	1	0	612
<b>Flanged Ends</b>					
<b>6</b>	18236-060 <b>2130.35</b>	18336-060 <b>2470.10</b>	1	0	612

**True Union 2000 Industrial Vented/Bleach Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" 150 psi  
 Flanged 150 psi

Same True Union 2000 Industrial Ball Valve with Special Ball Vent Design for Sodium Hypochlorite (Bleach) and other Chemical Applications where entrapped fluids may form caustic crystalline residues and pressure build up from gases developed. Valve has a 1/8" vent hole in ball to equalize internal fluid pressures. Install valve with ball vent on the pressure (upstream) side when in closed position.

All Valves assembled with Silicone-Free, Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Custom Elastomer Seals. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**PVC True Union 2000 Industrial Vented/Bleach Ball Valves**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded &amp; Socket Ends</b>					
<b>1/2</b>	1829V-005 <b>55.53</b>	1839V-005 <b>61.81</b>	1	18	600
<b>3/4</b>	1829V-007 <b>65.71</b>	1839V-007 <b>73.09</b>	1	18	600
<b>1</b>	1829V-010 <b>78.27</b>	1839V-010 <b>87.16</b>	1	12	600
<b>1-1/4</b>	1829V-012 <b>108.27</b>	1839V-012 <b>138.18</b>	1	8	600
<b>1-1/2</b>	1829V-015 <b>130.39</b>	1839V-015 <b>144.76</b>	1	8	600
<b>2</b>	1829V-020 <b>172.06</b>	1839V-020 <b>189.49</b>	1	4	600

**Socket Ends**

<b>2-1/2</b>	1822V-025 <b>330.76</b>	1832V-025 <b>448.17</b>	1	0	601
<b>3</b>	1822V-030 <b>370.67</b>	1832V-030 <b>484.53</b>	1	0	601
<b>4</b>	1822V-040 <b>626.28</b>	1832V-040 <b>818.66</b>	1	0	601
<b>6</b>	1822V-060 <b>1591.65</b>	1832V-060 <b>1876.69</b>	1	0	612

**SR Threaded Ends**

<b>1/2</b>	1821V-005SR <b>56.73</b>	1831V-005SR <b>63.00</b>	1	18	600
<b>3/4</b>	1821V-007SR <b>68.57</b>	1831V-007SR <b>75.99</b>	1	18	600
<b>1</b>	1821V-010SR <b>81.14</b>	1831V-010SR <b>90.05</b>	1	12	600
<b>1-1/4</b>	1821V-012SR <b>116.89</b>	1831V-012SR <b>146.81</b>	1	8	600
<b>1-1/2</b>	1821V-015SR <b>139.69</b>	1831V-015SR <b>154.05</b>	1	8	600
<b>2</b>	1821V-020SR <b>182.12</b>	1831V-020SR <b>199.33</b>	1	4	600

**PVC True Union 2000 Industrial Vented/Bleach Ball Valves (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>2-1/2</b>	1821V-025SR <b>357.79</b>	1831V-025SR <b>475.18</b>	1	0	601
<b>3</b>	1821V-030SR <b>463.13</b>	1831V-030SR <b>511.56</b>	1	0	601
<b>4</b>	1821V-040SR <b>768.34</b>	1831V-040SR <b>850.23</b>	1	0	601

**Flanged Ends**

<b>1/2</b>	1823V-005 <b>79.57</b>	1833V-005 <b>85.00</b>	1	8	600
<b>3/4</b>	1823V-007 <b>100.65</b>	1833V-007 <b>109.46</b>	1	8	600
<b>1</b>	1823V-010 <b>121.80</b>	1833V-010 <b>130.98</b>	1	8	600
<b>1-1/4</b>	1823V-012 <b>143.03</b>	1833V-012 <b>195.97</b>	1	8	600
<b>1-1/2</b>	1823V-015 <b>180.12</b>	1833V-015 <b>195.97</b>	1	4	600
<b>2</b>	1823V-020 <b>286.80</b>	1833V-020 <b>304.19</b>	1	0	600
<b>2-1/2</b>	1823V-025 <b>529.66</b>	1833V-025 <b>538.41</b>	1	0	601
<b>3</b>	1823V-030 <b>585.43</b>	1833V-030 <b>726.84</b>	1	0	601
<b>4</b>	1823V-040 <b>1177.11</b>	1833V-040 <b>1364.47</b>	1	0	601
<b>6</b>	1823V-060 <b>2506.31</b>	1833V-060 <b>2906.00</b>	1	0	612

**Schedule 80 PVC Industrial Products & Accessories  
True Union 2000 Industrial 3-Way Ball Valves**



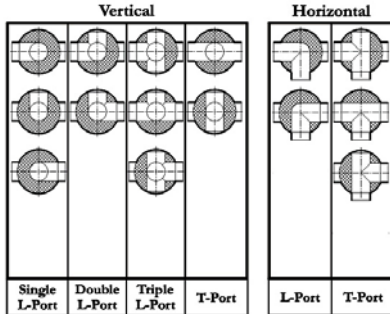
Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply  
 Vertical 3-Way or Horizontal Diverter Design  
 (No Branch Shut-off)

All Standard Carton Quantities are one  
 All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

Ball Port Options



Ball port options viewed from top of valve



Horizontal Diverter Valve



Vertical 3-Way Valve

**PVC Horizontal Diverter Ball Valves**

Material	EPDM					Viton®					Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged		
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	L-Port	5022L1-005 97.41	5021L1-005SR 100.56	5027L1-005 97.41	5023L1-005 198.96	5032L1-005 105.66	5031L1-005SR 110.43	5037L1-005 105.66	5033L1-005 207.85	615	
	T-Port	5022T1-005 97.41	5021T1-005SR 100.56	5027T1-005 97.41	5023T1-005 198.96	5032T1-005 105.66	5031T1-005SR 110.43	5037T1-005 105.66	5033T1-005 207.85	615	
3/4	L-Port	5022L1-007 116.18	5021L1-007SR 120.04	5027L1-007 116.18	5023L1-007 208.17	5032L1-007 125.05	5031L1-007SR 128.94	5037L1-007 125.05	5033L1-007 219.68	615	
	T-Port	5022T1-007 116.18	5021T1-007SR 120.04	5027T1-007 116.18	5023T1-007 208.17	5032T1-007 125.05	5031T1-007SR 128.94	5037T1-007 125.05	5033T1-007 219.68	615	
1	L-Port	5022L1-010 140.86	5021L1-010SR 144.65	5027L1-010 140.86	5023L1-010 296.70	5032L1-010 155.18	5031L1-010SR 159.03	5037L1-010 155.18	5033L1-010 324.35	615	
	T-Port	5022T1-010 140.86	5021T1-010SR 144.65	5027T1-010 140.86	5023T1-010 296.70	5032T1-010 155.18	5031T1-010SR 159.03	5037T1-010 155.18	5033T1-010 324.35	615	
1-1/4	L-Port	5022L1-012 163.27	5021L1-012SR 170.65	5027L1-012 163.27	5023L1-012 561.16	5032L1-012 183.65	5031L1-012SR 191.37	5037L1-012 183.65	5033L1-012 594.39	615	
	T-Port	5022T1-012 163.27	5021T1-012SR 170.65	5027T1-012 163.27	5023T1-012 561.16	5032T1-012 183.65	5031T1-012SR 191.37	5037T1-012 183.65	5033T1-012 594.39	615	
1-1/2	L-Port	5022L1-015 190.90	5021L1-015SR 203.24	5027L1-015 190.90	5023L1-015 578.10	5032L1-015 209.00	5031L1-015SR 221.33	5037L1-015 209.00	5033L1-015 604.60	615	
	T-Port	5022T1-015 190.90	5021T1-015SR 203.24	5027T1-015 190.90	5023T1-015 578.10	5032T1-015 209.00	5031T1-015SR 221.33	5037T1-015 209.00	5033T1-015 604.60	615	
2	L-Port	5022L1-020 234.18	5021L1-020SR 246.51	5027L1-020 234.18	5023L1-020 750.72	5032L1-020 273.02	5031L1-020SR 286.41	5037L1-020 273.02	5033L1-020 788.41	615	
	T-Port	5022T1-020 234.18	5021T1-020SR 246.51	5027T1-020 234.18	5023T1-020 750.72	5032T1-020 273.02	5031T1-020SR 286.41	5037T1-020 273.02	5033T1-020 788.41	615	
2-1/2	L-Port	5022L1-025 789.56	5021L1-025SR 824.12	5027L1-025 789.56	5023L1-025 1318.14	5032L1-025 839.60	5031L1-025SR 874.14	5037L1-025 839.60	5033L1-025 1544.72	615	
	T-Port	5022T1-025 789.56	5021T1-025SR 824.12	5027T1-025 789.56	5023T1-025 1318.14	5032T1-025 839.60	5031T1-025SR 874.14	5037T1-025 839.60	5033T1-025 1544.72	615	
3	L-Port	5022L1-030 805.69	5021L1-030SR 841.90	5027L1-030 805.69	5023L1-030 1335.43	5032L1-030 852.76	5031L1-030SR 887.30	5037L1-030 852.76	5033L1-030 1551.81	615	
	T-Port	5022T1-030 805.69	5021T1-030SR 841.90	5027T1-030 805.69	5023T1-030 1335.43	5032T1-030 852.76	5031T1-030SR 887.30	5037T1-030 852.76	5033T1-030 1551.81	615	
4	L-Port	5022L1-040 1459.17	5021L1-040SR 1498.68	5027L1-040 1459.17	5023L1-040 1940.18	5032L1-040 1475.63	5031L1-040SR 1515.13	5037L1-040 1475.63	5033L1-040 2120.71	615	
	T-Port	5022T1-040 1459.17	5021T1-040SR 1498.68	5027T1-040 1459.17	5023T1-040 1940.18	5032T1-040 1475.63	5031T1-040SR 1515.13	5037T1-040 1475.63	5033T1-040 2120.71	615	



**Schedule 80 PVC Industrial Products & Accessories  
True Union 2000 Industrial 3-Way Ball Valves**

**PVC Vertical 3-Way Ball Valves**

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	L-Port	4722L1-005 96.93	4721L1-005SR 98.47	4727L1-005 96.93	4723L1-005 200.29	4732L1-005 104.98	4731L1-005SR 106.54	4737L1-005 104.98	4733L1-005 207.51	615
	Double L-Port	4722L2-005 193.04	4721L2-005SR 194.59	4727L2-005 193.04	4723L2-005 296.39	4732L2-005 201.10	4731L2-005SR 202.66	4737L2-005 201.10	4733L2-005 303.62	615
	Triple L-Port	4722L3-005 193.04	4721L3-005SR 194.59	4727L3-005 193.04	4723L3-005 296.39	4732L3-005 201.10	4731L3-005SR 202.66	4737L3-005 201.10	4733L3-005 303.62	615
	T-Port	4722T1-005 96.93	4721T1-005SR 98.47	4727T1-005 96.93	4723T1-005 200.29	4732T1-005 104.98	4731T1-005SR 106.54	4737T1-005 104.98	4733T1-005 207.51	615
3/4	L-Port	4722L1-007 113.70	4721L1-007SR 117.59	4727L1-007 113.70	4723L1-007 210.31	4732L1-007 123.91	4731L1-007SR 127.77	4737L1-007 123.91	4733L1-007 219.20	615
	Double L-Port	4722L2-007 209.82	4721L2-007SR 213.67	4727L2-007 209.82	4723L2-007 306.43	4732L2-007 220.02	4731L2-007SR 223.88	4737L2-007 220.02	4733L2-007 315.30	615
	Triple L-Port	4722L3-007 209.82	4721L3-007SR 213.67	4727L3-007 209.82	4723L3-007 306.43	4732L3-007 220.02	4731L3-007SR 223.88	4737L3-007 220.02	4733L3-007 315.30	615
	T-Port	4722T1-007 113.70	4721T1-007SR 117.59	4727T1-007 113.70	4723T1-007 210.31	4732T1-007 123.91	4731T1-007SR 127.77	4737T1-007 123.91	4733T1-007 219.20	615
1	L-Port	4722L1-010 138.22	4721L1-010SR 142.10	4727L1-010 138.22	4723L1-010 299.99	4732L1-010 153.88	4731L1-010SR 157.73	4737L1-010 153.88	4733L1-010 324.68	615
	Double L-Port	4722L2-010 234.36	4721L2-010SR 238.22	4727L2-010 234.36	4723L2-010 396.11	4732L2-010 249.96	4731L2-010SR 253.84	4737L2-010 249.96	4733L2-010 420.79	615
	Triple L-Port	4722L3-010 234.36	4721L3-010SR 238.22	4727L3-010 234.36	4723L3-010 396.11	4732L3-010 249.96	4731L3-010SR 253.84	4737L3-010 249.96	4733L3-010 420.79	615
	T-Port	4722T1-010 138.22	4721T1-010SR 142.10	4727T1-010 138.22	4723T1-010 299.99	4732T1-010 153.88	4731T1-010SR 157.73	4737T1-010 153.88	4733T1-010 324.68	615
1-1/4	L-Port	4722L1-012 167.19	4721L1-012SR 174.94	4727L1-012 167.19	4723L1-012 565.44	4732L1-012 196.99	4731L1-012SR 204.72	4737L1-012 196.99	4733L1-012 598.01	615
	Double L-Port	4722L2-012 263.31	4721L2-012SR 271.04	4727L2-012 263.31	4723L2-012 661.54	4732L2-012 293.10	4731L2-012SR 300.82	4737L2-012 293.10	4733L2-012 694.13	615
	Triple L-Port	4722L3-012 263.31	4721L3-012SR 271.04	4727L3-012 263.31	4723L3-012 661.54	4732L3-012 293.10	4731L3-012SR 300.82	4737L3-012 293.10	4733L3-012 694.13	615
	T-Port	4722T1-012 167.19	4721T1-012SR 174.94	4727T1-012 167.19	4723T1-012 565.44	4732T1-012 196.99	4731T1-012SR 204.72	4737T1-012 196.99	4733T1-012 598.01	615
1-1/2	L-Port	4722L1-015 193.34	4721L1-015SR 205.71	4727L1-015 193.34	4723L1-015 586.51	4732L1-015 211.95	4731L1-015SR 224.30	4737L1-015 211.95	4733L1-015 604.60	615
	Double L-Port	4722L2-015 289.47	4721L2-015SR 301.80	4727L2-015 289.47	4723L2-015 682.60	4732L2-015 308.05	4731L2-015SR 320.40	4737L2-015 308.05	4733L2-015 700.70	615
	Triple L-Port	4722L3-015 289.47	4721L3-015SR 301.80	4727L3-015 289.47	4723L3-015 682.60	4732L3-015 308.05	4731L3-015SR 320.40	4737L3-015 308.05	4733L3-015 700.70	615
	T-Port	4722T1-015 193.34	4721T1-015SR 205.71	4727T1-015 193.34	4723T1-015 586.51	4732T1-015 211.95	4731T1-015SR 224.30	4737T1-015 211.95	4733T1-015 604.60	615
2	L-Port	4722L1-020 237.13	4721L1-020SR 250.54	4727L1-020 237.13	4723L1-020 755.82	4732L1-020 275.32	4731L1-020SR 288.72	4737L1-020 275.32	4733L1-020 789.26	615
	Double L-Port	4722L2-020 333.22	4721L2-020SR 346.66	4727L2-020 333.22	4723L2-020 851.94	4732L2-020 371.43	4731L2-020SR 384.82	4737L2-020 371.43	4733L2-020 885.33	615
	Triple L-Port	4722L3-020 333.22	4721L3-020SR 346.66	4727L3-020 333.22	4723L3-020 851.94	4732L3-020 371.43	4731L3-020SR 384.82	4737L3-020 371.43	4733L3-020 885.33	615
	T-Port	4722T1-020 237.13	4721T1-020SR 250.54	4727T1-020 237.13	4723T1-020 755.82	4732T1-020 275.32	4731T1-020SR 288.72	4737T1-020 275.32	4733T1-020 789.26	615
2-1/2	L-Port	4722L1-025 834.01	4721L1-025SR 868.57	4727L1-025 834.01	4723L1-025 1323.90	4732L1-025 843.39	4731L1-025SR 877.96	4737L1-025 843.39	4733L1-025 1542.93	615
	Double L-Port	4722L2-025 930.10	4721L2-025SR 964.66	4727L2-025 930.10	4723L2-025 1420.01	4732L2-025 939.49	4731L2-025SR 974.04	4737L2-025 939.49	4733L2-025 1639.04	615
	Triple L-Port	4722L3-025 930.10	4721L3-025SR 964.66	4727L3-025 930.10	4723L3-025 1420.01	4732L3-025 939.49	4731L3-025SR 974.04	4737L3-025 939.49	4733L3-025 1639.04	615
	T-Port	4722T1-025 834.01	4721T1-025SR 868.57	4727T1-025 834.01	4723T1-025 1323.90	4732T1-025 843.39	4731T1-025SR 877.96	4737T1-025 843.39	4733T1-025 1542.93	615
3	L-Port	4722L1-030 851.11	4721L1-030SR 885.67	4727L1-030 851.11	4723L1-030 1342.16	4732L1-030 858.68	4731L1-030SR 893.24	4737L1-030 858.68	4733L1-030 1553.15	615
	Double L-Port	4722L2-030 947.22	4721L2-030SR 981.79	4727L2-030 947.22	4723L2-030 1438.28	4732L2-030 954.80	4731L2-030SR 989.34	4737L2-030 954.80	4733L2-030 1649.24	615
	Triple L-Port	4722L3-030 947.22	4721L3-030SR 981.79	4727L3-030 947.22	4723L3-030 1438.28	4732L3-030 954.80	4731L3-030SR 989.34	4737L3-030 954.80	4733L3-030 1649.24	615
	T-Port	4722T1-030 851.11	4721T1-030SR 885.67	4727T1-030 851.11	4723T1-030 1342.16	4732T1-030 858.68	4731T1-030SR 893.24	4737T1-030 858.68	4733T1-030 1553.15	615
4	L-Port	4722L1-040 1471.18	4721L1-040SR 1510.67	4727L1-040 1471.18	4723L1-040 1951.21	4732L1-040 1485.50	4731L1-040SR 1524.99	4737L1-040 1485.50	4733L1-040 2043.69	615
	Double L-Port	4722L2-040 1567.31	4721L2-040SR 1606.77	4727L2-040 1567.31	4723L2-040 2047.32	4732L2-040 1581.61	4731L2-040SR 1621.11	4737L2-040 1581.61	4733L2-040 2139.80	615
	Triple L-Port	4722L3-040 1567.31	4721L3-040SR 1606.77	4727L3-040 1567.31	4723L3-040 2047.32	4732L3-040 1581.61	4731L3-040SR 1621.11	4737L3-040 1581.61	4733L3-040 2139.80	615
	T-Port	4722T1-040 1471.18	4721T1-040SR 1510.67	4727T1-040 1471.18	4723T1-040 1951.21	4732T1-040 1485.50	4731T1-040SR 1524.99	4737T1-040 1485.50	4733T1-040 2043.69	615



**Schedule 80 PVC Industrial Products & Accessories  
Tee-Style "Zero Dead-Leg" Ball Valves**



Valves are produced to order in Ball Valve sizes 1/2" - 2". Tee Valves can be custom produced in any standard Tee and Valve size combination.

Pressure Rating @ 73°F (23°C), Water  
Valve Sizes 1/2" - 2" (20mm - 63mm) = 235 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

**Additional Notes**

The Tee Valve is assembled with socket end connector. Tee Valves are a non-stock configuration. All orders are non-cancelable, non-returnable.

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>1/2</b>	182901-005 <b>155.03</b>	183901-005 <b>167.01</b>	1	12	263
<b>3/4</b>	182901-007 <b>169.43</b>	183901-007 <b>183.15</b>	1	8	263
<b>1</b>	182901-010 <b>172.62</b>	183901-010 <b>193.22</b>	1	8	263
<b>2</b>	182901-020 <b>286.10</b>	183901-020 <b>334.03</b>	1	0	263
<b>3/4X1/2</b>	182901-101 <b>157.61</b>	183901-101 <b>169.56</b>	1	12	263
<b>1X1/2</b>	182901-130 <b>162.79</b>	183901-130 <b>174.79</b>	1	8	263
<b>1X3/4</b>	182901-131 <b>172.62</b>	183901-131 <b>193.22</b>	1	8	263
<b>1-1/4X1/2</b>	182901-166 <b>171.52</b>	183901-166 <b>183.49</b>	1	8	263
<b>1-1/4X3/4</b>	182901-167 <b>175.81</b>	183901-167 <b>189.55</b>	1	8	263
<b>1-1/4X1</b>	182901-168 <b>187.83</b>	183901-168 <b>208.45</b>	1	8	263
<b>1-1/2X1/2</b>	182901-209 <b>171.52</b>	183901-209 <b>183.51</b>	1	8	263
<b>1-1/2X3/4</b>	182901-210 <b>175.81</b>	183901-210 <b>189.55</b>	1	8	263
<b>1-1/2X1</b>	182901-211 <b>187.83</b>	183901-211 <b>208.45</b>	1	8	263
<b>2X1/2</b>	182901-247 <b>221.81</b>	183901-247 <b>233.86</b>	1	8	263
<b>2X3/4</b>	182901-248 <b>228.37</b>	183901-248 <b>242.06</b>	1	8	263
<b>2X1</b>	182901-249 <b>238.11</b>	183901-249 <b>258.73</b>	1	8	263
<b>2X1-1/2</b>	182901-251 <b>293.79</b>	183901-251 <b>319.52</b>	1	8	263
<b>3X1/2</b>	182901-333 <b>226.32</b>	183901-333 <b>238.31</b>	1	0	263
<b>3X1</b>	182901-335 <b>242.50</b>	183901-335 <b>263.11</b>	1	4	263
<b>3X1-1/2</b>	182901-337 <b>278.22</b>	183901-337 <b>303.97</b>	1	0	263
<b>3X2</b>	182901-338 <b>302.52</b>	183901-338 <b>350.47</b>	1	0	263
<b>4X1</b>	182901-417 <b>280.31</b>	183901-417 <b>300.91</b>	1	0	263
<b>4X1-1/2</b>	182901-419 <b>316.05</b>	183901-419 <b>341.78</b>	1	0	263
<b>4X2</b>	182901-420 <b>372.73</b>	183901-420 <b>420.69</b>	1	0	263
<b>6X2</b>	182901-528 <b>438.20</b>	183901-528 <b>486.16</b>	1	0	263
<b>8X2</b>	182901-578 <b>668.62</b>	183901-578 <b>716.59</b>	1	0	263

**PVC Metric (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>25</b>	182901M-025 <b>169.43</b>	183901M-025 <b>183.15</b>	1	8	263
<b>32</b>	182901M-032 <b>172.62</b>	183901M-032 <b>193.22</b>	1	8	263
<b>40</b>	182901M-040 <b>239.86</b>	183901M-040 <b>257.20</b>	1	8	263
<b>50</b>	182901M-050 <b>251.13</b>	183901M-050 <b>325.54</b>	1	8	263
<b>63</b>	182901M-063 <b>286.10</b>	183901M-063 <b>334.03</b>	1	8	263

**PVC Metric**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>20</b>	182901M-020 <b>155.03</b>	183901M-020 <b>167.01</b>	1	8	263



**Schedule 80 PVC Industrial Products & Accessories  
True Union 2000 Standard Ball Valves**



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" = 235 psi  
 2-1/2" - 4" = 150 psi  
 Flanged = 150 psi

Maximum Service Temperature  
 PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**PVC Standard**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	3629-005 <b>37.78</b>	3639-005 <b>42.02</b>	1	18	608
<b>3/4</b>	3629-007 <b>44.68</b>	3639-007 <b>49.70</b>	1	18	608
<b>1</b>	3629-010 <b>53.22</b>	3639-010 <b>59.28</b>	1	12	608
<b>1-1/4</b>	3629-012 <b>73.61</b>	3639-012 <b>93.96</b>	1	8	608
<b>1-1/2</b>	3629-015 <b>88.68</b>	3639-015 <b>98.44</b>	1	8	608
<b>2</b>	3629-020 <b>117.02</b>	3639-020 <b>128.84</b>	1	4	608

**Socket Ends**

<b>2-1/2</b>	3622-025 <b>224.15</b>	3632-025 <b>304.76</b>	1	0	609
<b>3</b>	3622-030 <b>296.53</b>	3632-030 <b>329.47</b>	1	0	609
<b>4</b>	3622-040 <b>500.87</b>	3632-040 <b>556.71</b>	1	0	609

**Threaded Ends**

<b>2-1/2</b>	3621-025 <b>224.15</b>	3631-025 <b>304.76</b>	1	0	609
<b>3</b>	3621-030 <b>296.53</b>	3631-030 <b>329.47</b>	1	0	609
<b>4</b>	3621-040 <b>500.87</b>	3631-040 <b>556.71</b>	1	0	609

**SR Threaded Ends**

<b>1/2</b>	3621-005SR <b>38.60</b>	3631-005SR <b>42.83</b>	1	18	608
<b>3/4</b>	3621-007SR <b>46.61</b>	3631-007SR <b>51.67</b>	1	18	608
<b>1</b>	3621-010SR <b>55.16</b>	3631-010SR <b>61.22</b>	1	18	608
<b>1-1/4</b>	3621-012SR <b>79.49</b>	3631-012SR <b>99.83</b>	1	12	608
<b>1-1/2</b>	3621-015SR <b>94.98</b>	3631-015SR <b>104.73</b>	1	8	608
<b>2</b>	3621-020SR <b>123.83</b>	3631-020SR <b>135.67</b>	1	8	608
<b>2-1/2</b>	3621-025SR <b>243.30</b>	3631-025SR <b>323.13</b>	1	0	609
<b>3</b>	3621-030SR <b>314.94</b>	3631-030SR <b>347.86</b>	1	0	609
<b>4</b>	3621-040SR <b>522.50</b>	3631-040SR <b>578.17</b>	1	0	609

**Spigot Ends**

<b>1/2</b>	3627-005 <b>37.78</b>	3637-005 <b>42.02</b>	1	18	608
<b>3/4</b>	3627-007 <b>44.68</b>	3637-007 <b>49.70</b>	1	18	608
<b>1</b>	3627-010 <b>53.22</b>	3637-010 <b>59.28</b>	1	12	608
<b>1-1/4</b>	3627-012 <b>73.61</b>	3637-012 <b>93.96</b>	1	12	608
<b>1-1/2</b>	3627-015 <b>88.68</b>	3637-015 <b>98.44</b>	1	8	608

**PVC Standard (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>2</b>	3627-020 <b>117.02</b>	3637-020 <b>128.84</b>	1	8	608
<b>2-1/2</b>	3627-025 <b>224.90</b>	3637-025 <b>304.76</b>	1	0	609
<b>3</b>	3627-030 <b>296.53</b>	3637-030 <b>329.47</b>	1	0	609
<b>4</b>	3627-040 <b>500.87</b>	3637-040 <b>556.71</b>	1	0	609

**Flanged Ends**

<b>1/2</b>	3623-005 <b>54.03</b>	3633-005 <b>57.62</b>	1	8	608
<b>3/4</b>	3623-007 <b>68.45</b>	3633-007 <b>74.44</b>	1	8	608
<b>1</b>	3623-010 <b>82.82</b>	3633-010 <b>89.06</b>	1	8	608
<b>1-1/4</b>	3623-012 <b>97.23</b>	3633-012 <b>108.07</b>	1	4	608
<b>1-1/2</b>	3623-015 <b>122.48</b>	3633-015 <b>133.28</b>	1	4	608
<b>2</b>	3623-020 <b>195.02</b>	3633-020 <b>206.85</b>	1	0	608
<b>2-1/2</b>	3623-025 <b>360.18</b>	3633-025 <b>366.14</b>	1	0	609
<b>3</b>	3623-030 <b>373.23</b>	3633-030 <b>494.27</b>	1	0	609
<b>4</b>	3623-040 <b>800.44</b>	3633-040 <b>927.83</b>	1	0	609

**Schedule 80 PVC Industrial Products & Accessories**  
**True Union 2000 Industrial Retrofit Ball Valves - Replaces Other Brand Valves**



Industrial Valve

Complete universal replacement valve for domestic and import PVC valve. See separate catalog listing for retrofit replacement of older Spears® valves.

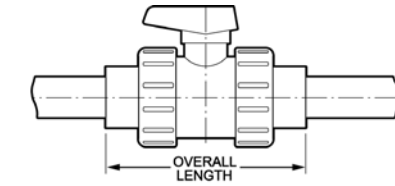
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" = 235 psi

All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricant

Suitable for Vacuum Service

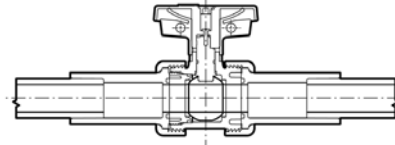
Retrofit End Connector Sets without  
 valve are also available - See  
 Ball Valve Accessories & Repair Kits



**BALL VALVE FOR  
 REPLACEMENT**



**PIPE LAYING LENGTH  
 AFTER CUTTING**



**TRUE UNION 2000  
 INDUSTRIAL BALL  
 VALVE INSTALLED  
 WITH RETROFIT KIT**

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822R-005 <b>47.21</b>	1832R-005 <b>52.51</b>	1	18	600
<b>3/4</b>	1822R-007 <b>55.86</b>	1832R-007 <b>62.14</b>	1	18	600
<b>1</b>	1822R-010 <b>66.52</b>	1832R-010 <b>74.09</b>	1	12	600
<b>1-1/4</b>	1822R-012 <b>92.02</b>	1832R-012 <b>117.46</b>	1	8	600
<b>1-1/2</b>	1822R-015 <b>110.84</b>	1832R-015 <b>123.04</b>	1	8	600
<b>2</b>	1822R-020 <b>146.26</b>	1832R-020 <b>161.06</b>	1	4	600
<b>2-1/2</b>	1822R-025 <b>281.15</b>	1832R-025 <b>380.96</b>	1	0	601
<b>3</b>	1822R-030 <b>370.67</b>	1832R-030 <b>411.86</b>	1	0	601
<b>4</b>	1822R-040 <b>626.28</b>	1832R-040 <b>695.87</b>	1	0	601



**Schedule 80 PVC Industrial Products & Accessories**  
**True Union 2000 Industrial Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**



Industrial Valve

Complete replacement valve for older Spears® 2300 Series Regular True Union Ball Valves. See separate catalog listing for replacement of other brand valves.

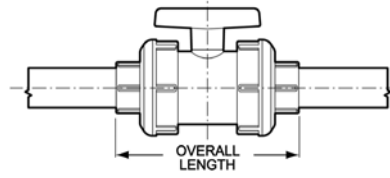
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Suitable for Vacuum Service

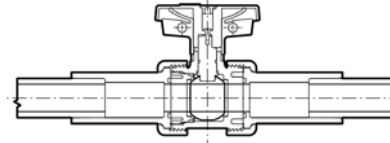
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 INDUSTRIAL BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822RS-005 <b>47.21</b>	1832RS-005 <b>52.51</b>	1	18	600
<b>3/4</b>	1822RS-007 <b>55.86</b>	1832RS-007 <b>62.14</b>	1	18	600
<b>1</b>	1822RS-010 <b>66.52</b>	1832RS-010 <b>74.09</b>	1	12	600
<b>1-1/4</b>	1822RS-012 <b>92.02</b>	1832RS-012 <b>117.46</b>	1	8	600
<b>1-1/2</b>	1822RS-015 <b>110.84</b>	1832RS-015 <b>123.04</b>	1	8	600
<b>2</b>	1822RS-020 <b>146.26</b>	1832RS-020 <b>161.06</b>	1	4	600
<b>2-1/2</b>	1822RS-025 <b>281.15</b>	1832RS-025 <b>380.96</b>	1	0	601
<b>3</b>	1822RS-030 <b>370.67</b>	1832RS-030 <b>411.86</b>	1	0	601
<b>4</b>	1822RS-040 <b>626.28</b>	1832RS-040 <b>695.87</b>	1	0	601

**Schedule 80 PVC Industrial Products & Accessories**  
**True Union 2000 Standard Retrofit Ball Valves - Replaces Other Brand Valves & True Union 2000 Standard Retrofit Ball Valves -**  
**Replaces Spears® "Regular Style" Valves**



**True Union 2000 Standard Retrofit Ball Valves - Replaces Other Brand Valves**



Standard Valve

Complete universal replacement valve for domestic and import PVC valves. See separate catalog listing for retrofit replacement of older Spears® valves.

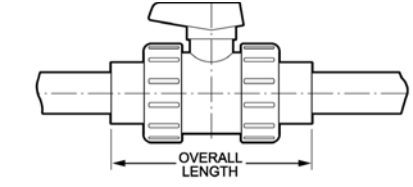
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant.

Suitable for Vacuum Service.

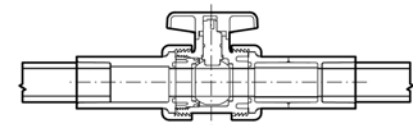
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 STANDARD BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	3622R-005	3632R-005	1	18	608
	37.78	42.02			
3/4	3622R-007	3632R-007	1	12	608
	44.68	49.70			
1	3622R-010	3632R-010	1	8	608
	53.22	59.28			
1-1/4	3622R-012	3632R-012	1	8	608
	73.61	93.96			
1-1/2	3622R-015	3632R-015	1	8	608
	88.68	98.44			

**PVC - Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	3622R-020	3632R-020	1	4	608
	117.02	128.84			
2-1/2	3622R-025	3632R-025	1	0	609
	224.15	304.76			
3	3622R-030	3632R-030	1	0	609
	296.53	329.47			
4	3622R-040	3632R-040	1	0	609
	500.87	556.71			

**True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**



Standard Valve

Complete replacement valve for older Spears® 2300 Series Regular True Union Ball Valves. See separate catalog listing for replacement of other brand valves.

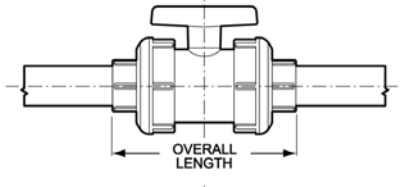
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi

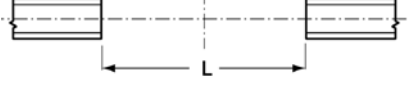
All Valves Assembled with Silicone-Free, Water Soluble Lubricant.

Suitable for Vacuum Service

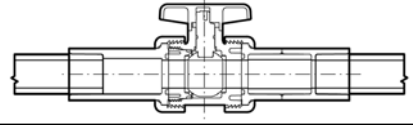
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 STANDARD BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	3622RS-005	3632RS-005	1	18	608
	37.78	42.02			
3/4	3622RS-007	3632RS-007	1	18	608
	44.68	49.70			
1	3622RS-010	3632RS-010	1	12	608
	53.22	59.28			
1-1/4	3622RS-012	3632RS-012	1	8	608
	73.61	93.96			

**PVC - Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	3622RS-015	3632RS-015	1	8	608
	88.68	98.44			
2	3622RS-020	3632RS-020	1	4	608
	117.02	128.84			
2-1/2	3622RS-025	3632RS-025	1	0	609
	224.15	304.76			
3	3622RS-030	3632RS-030	1	0	609
	296.53	329.47			



**Schedule 80 PVC Industrial Products & Accessories**  
 True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves & True Union Ball Valves (Regular Style)

**True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**

**PVC - Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>4</b>	3622RS-040 <b>500.87</b>	3632RS-040 <b>556.71</b>	1	0	609

**True Union Ball Valves (Regular Style)**



Socket/Threaded Style



Flanged Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service  
 All Valves assembled with Silicone-Free, Water Soluble Lubricant.

**6" Venturied Valves are 4" Ball Valves equipped with 4x6 End Connectors.**

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	2329-005 <b>54.37</b>	2339-005 <b>60.50</b>	1	18	230
<b>3/4</b>	2329-007 <b>64.31</b>	2339-007 <b>71.57</b>	1	12	230
<b>1</b>	2329-010 <b>76.61</b>	2339-010 <b>85.33</b>	1	8	230
<b>1-1/4</b>	2329-012 <b>105.97</b>	2339-012 <b>135.26</b>	1	8	230
<b>1-1/2</b>	2329-015 <b>127.68</b>	2339-015 <b>141.70</b>	1	8	230
<b>2</b>	2329-020 <b>168.44</b>	2339-020 <b>185.49</b>	1	4	230

**Socket Ends**

<b>2-1/2</b>	2322-025 <b>307.61</b>	2332-025 <b>416.81</b>	1	0	230
<b>3</b>	2322-030 <b>405.56</b>	2332-030 <b>450.63</b>	1	0	230
<b>4</b>	2322-040 <b>685.23</b>	2332-040 <b>761.35</b>	1	0	230

**Socket Venturied Ends**

<b>6 VENTURIED</b>	2322-060 <b>914.24</b>	2332-060 <b>996.12</b>	1	0	231
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**Threaded Ends**

<b>2-1/2</b>	2321-025 <b>307.61</b>	2331-025 <b>416.81</b>	1	0	230
<b>3</b>	2321-030 <b>405.56</b>	2331-030 <b>450.63</b>	1	0	230
<b>4</b>	2321-040 <b>685.23</b>	2331-040 <b>761.35</b>	1	0	230

**Flanged Ends**

<b>1/2</b>	2323-005 <b>77.78</b>	2333-005 <b>82.97</b>	6	0	230
<b>3/4</b>	2323-007 <b>98.53</b>	2333-007 <b>107.16</b>	5	0	230
<b>1</b>	2323-010 <b>119.27</b>	2333-010 <b>128.21</b>	5	0	230
<b>1-1/4</b>	2323-012 <b>140.00</b>	2333-012 <b>155.56</b>	2	0	230
<b>1-1/2</b>	2323-015 <b>176.32</b>	2333-015 <b>191.84</b>	3	0	230
<b>2</b>	2323-020 <b>280.78</b>	2333-020 <b>297.78</b>	2	0	230
<b>2-1/2</b>	2323-025 <b>492.60</b>	2333-025 <b>500.72</b>	1	0	230

**PVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>3</b>	2323-030 <b>544.45</b>	2333-030 <b>675.97</b>	1	0	230
<b>4</b>	2323-040 <b>1094.70</b>	2333-040 <b>1268.95</b>	1	0	230
<b>Flanged Venturied Ends</b>					
<b>6 VENTURIED</b>	2323-060 <b>1596.52</b>	2333-060 <b>1637.43</b>	1	0	231



# Schedule 80 PVC Industrial Products & Accessories Single Entry Ball Valves & Compact 2000 Ball Valves



## Single Entry Ball Valves

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 3" - 4" 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free, Water Soluble Lubricant. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features



PVC Gray – Socket/Threaded Style

### PVC Gray

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2411-005G 19.84	2421-005G 21.99	2431-005G 24.46	10	120	240
3/4	2411-007G 24.99	2421-007G 27.80	2431-007G 30.87	10	80	240
1	2411-010G 29.40	2421-010G 32.63	2431-010G 36.27	10	0	240
1-1/4	2411-012G 40.83	2421-012G 45.39	2431-012G 50.37	6	0	240
1-1/2	2411-015G 51.40	2421-015G 60.21	2431-015G 66.96	5	0	240
2	2411-020G 59.52	2421-020G 66.14	2431-020G 73.45	5	0	240
3	2411-030G 207.45	2421-030G 257.29	2431-030G 296.69	1	0	240
4	2411-040G 438.45	2421-040G 483.10	2431-040G 525.12	1	0	240

### PVC Gray

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>						
1/2	2412-005G 19.84	2422-005G 21.99	2432-005G 24.46	10	120	240
3/4	2412-007G 24.99	2422-007G 27.80	2432-007G 30.87	10	80	240
1	2412-010G 29.40	2422-010G 32.63	2432-010G 36.27	10	0	240
1-1/4	2412-012G 40.83	2422-012G 45.39	2432-012G 50.37	5	0	240
1-1/2	2412-015G 51.46	2422-015G 60.21	2432-015G 66.96	5	0	240
2	2412-020G 59.52	2422-020G 66.14	2432-020G 73.45	5	0	240
3	2412-030G 207.45	2422-030G 257.29	2432-030G 296.69	1	0	240
4	2412-040G 438.45	2422-040G 483.10	2432-040G 525.12	1	0	240

## Compact 2000 Ball Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free, Water Soluble Lubricants.  
 Rated for Vacuum Service  
 Compact 2000 Ball Valves are a Maintenance-Free, Sealed Unit (non-repairable).  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features.

### PVC 2000 Compact Ball Valve

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
1/2	6622-005 20.11	6632-005 22.64	10	120	210
3/4	6622-007 27.44	6632-007 28.09	10	80	210
1	6622-010 29.95	6632-010 33.59	10	0	210
1-1/4	6622-012 45.06	6632-012 52.07	6	0	210
1-1/2	6622-015 53.67	6632-015 59.69	5	0	210
2	6622-020 71.65	6632-020 80.50	8	0	210
<b>Threaded Ends</b>					
1/2	6621-005 20.11	6631-005 22.64	10	120	210

### PVC 2000 Compact Ball Valve (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>					
3/4	6621-007 27.44	6631-007 28.09	10	80	210
1	6621-010 29.95	6631-010 33.59	10	0	210
1-1/4	6621-012 49.32	6631-012 52.07	6	0	210
1-1/2	6621-015 53.67	6631-015 59.69	5	0	210
2	6621-020 71.65	6631-020 80.50	8	0	210
<b>Flanged Ends</b>					
1/2	6623-005 42.35	6633-005 44.50	10	120	210
3/4	6623-007 47.83	6633-007 49.50	10	120	210

Made in the U.S.A.

NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS  
 Progressive Products from Spears® Innovation and Technology

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**Schedule 80 PVC Industrial Products & Accessories  
Compact 2000 Ball Valves & Compact Ball Valves (Regular Style)**

**Compact 2000 Ball Valves**

**PVC 2000 Compact Ball Valve (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>1</b>	6623-010 <b>62.33</b>	6633-010 <b>65.67</b>	10	120	210
<b>1-1/4</b>	6623-012 <b>77.83</b>	6633-012 <b>83.50</b>	10	120	210
<b>1-1/2</b>	6623-015 <b>94.16</b>	6633-015 <b>102.35</b>	10	120	210
<b>2</b>	6623-020 <b>125.66</b>	6633-020 <b>131.17</b>	10	120	210

**Compact Ball Valves (Regular Style)**



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 3" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free, Water Soluble Lubricants.  
 See Ball Valve Accessories & Repair Kits Section for Additional  
 Options & Features

Note: Standard 6" Valve uses Lever-Style Handle for proper  
 leverage.  
 T-Handle option is more compact but will increase difficulty of  
 operation.

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>1/2</b>	2122-005 <b>21.16</b>	2132-005 <b>23.83</b>	10	80	210
<b>3/4</b>	2122-007 <b>28.88</b>	2132-007 <b>29.57</b>	10	0	210
<b>1</b>	2122-010 <b>31.51</b>	2132-010 <b>35.38</b>	10	0	210
<b>1-1/4</b>	2122-012 <b>56.51</b>	2132-012 <b>62.82</b>	6	0	210
<b>1-1/2</b>	2122-015 <b>69.97</b>	2132-015 <b>73.11</b>	5	0	210
<b>2</b>	2122-020 <b>75.41</b>	2132-020 <b>84.74</b>	6	0	210
<b>3</b>	2122-030 <b>245.11</b>	2132-030 <b>275.37</b>	1	4	211
<b>4</b>	2122-040 <b>377.10</b>	2132-040 <b>542.81</b>	1	0	211
<b>6 (Lever Handle)</b>	2122-060 <b>489.73</b>	2132-060 <b>704.95</b>	1	0	211
<b>6 (Tee Handle)</b>	21226-060 <b>489.73</b>	21326-060 <b>704.95</b>	1	0	211

**Threaded Ends**

<b>1/2</b>	2121-005 <b>21.16</b>	2131-005 <b>23.83</b>	10	80	210
<b>3/4</b>	2121-007 <b>28.88</b>	2131-007 <b>29.57</b>	10	0	210
<b>1</b>	2121-010 <b>31.51</b>	2131-010 <b>35.38</b>	10	0	210
<b>1-1/4</b>	2121-012 <b>56.51</b>	2131-012 <b>62.82</b>	6	0	210
<b>1-1/2</b>	2121-015 <b>69.97</b>	2131-015 <b>73.11</b>	5	0	210
<b>2</b>	2121-020 <b>75.41</b>	2131-020 <b>84.74</b>	6	0	210
<b>3</b>	2121-030 <b>245.11</b>	2131-030 <b>275.37</b>	1	4	211
<b>4</b>	2121-040 <b>377.10</b>	2131-040 <b>542.81</b>	1	0	211

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>1/2</b>	2123-005 <b>46.78</b>	2133-005 <b>49.83</b>	1	8	210
<b>3/4</b>	2123-007 <b>56.60</b>	2133-007 <b>58.85</b>	1	8	210
<b>1</b>	2123-010 <b>62.44</b>	2133-010 <b>66.29</b>	1	8	210
<b>1-1/4</b>	2123-012 <b>88.40</b>	2133-012 <b>94.71</b>	1	8	210
<b>1-1/2</b>	2123-015 <b>102.28</b>	2133-015 <b>107.09</b>	1	4	210
<b>2</b>	2123-020 <b>118.72</b>	2133-020 <b>127.96</b>	1	0	210
<b>3</b>	2123-030 <b>318.94</b>	2133-030 <b>349.21</b>	1	0	211
<b>4</b>	2123-040 <b>470.46</b>	2133-040 <b>636.16</b>	1	0	211
<b>6 (Lever Handle)</b>	2123-060 <b>905.83</b>	2133-060 <b>997.09</b>	1	0	211
<b>6 (Tee Handle)</b>	21236-060 <b>905.83</b>	21336-060 <b>997.09</b>	1	0	211

**Schedule 80 PVC Industrial Products & Accessories  
Utility Ball Valves & Lab Ball Valves**



**Utility Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
1/2" - 4" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant

**PVC w/EPDM O-ring Seal**

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
<b>PVC Gray</b>					
<b>1/2</b>	2621-005G 8.90	2622-005G 8.90	50	0	215
<b>3/4</b>	2621-007G 10.56	2622-007G 10.56	25	0	215
<b>1</b>	2621-010G 14.36	2622-010G 14.36	25	0	215
<b>1-1/4</b>	2621-012G 19.03	2622-012G 19.03	20	0	215
<b>1-1/2</b>	2621-015G 29.04	2622-015G 29.04	20	0	215

**PVC w/EPDM O-ring Seal (continued)**

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
<b>PVC Gray</b>					
<b>2</b>	2621-020G 36.71	2622-020G 36.71	8	0	215
<b>2-1/2</b>	2621-025G 62.83	2622-025G 62.83	6	0	214
<b>3</b>	2621-030G 112.69	2622-030G 112.69	1	4	214
<b>4</b>	2621-040G 206.54	2622-040G 206.54	1	0	214

**Lab Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
1/4" - 3/8" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply  
Rated for Vacuum Service

**Valve & Adapters includes:**

- 1 - Threaded 1/4" Valve
- 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
- 2 - EPDM or Viton® O-rings (AS568-013 size)
- 1 - End Connector Wrench
- 2 - O-ring Sealed 1/4" MPT x 3/8" I.D. Tubing Barb Adapters
- OR -
- 2 - O-ring Sealed 1/4" MPT x 1/4" I.D. Tubing Barb Adapters



Socket/Threaded Valve Only

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Valve & Adapters

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Valve &amp; Adapters Threaded Ends</b>					
<b>1/4X3/8T</b>	1529-002 24.46	1539-002 25.57	1	25	218
<b>1/4X1/4T</b>	1529-002A 24.46	1539-002A 25.57	1	25	218
<b>Valve only Threaded Ends</b>					
<b>1/4</b>	1521-002 19.55	1531-002 21.76	50	200	218
<b>3/8</b>	1521-003 27.48	1531-003 30.47	50	200	218
<b>Valve only Socket Ends</b>					
<b>1/4</b>	1522-002 19.55	1532-002 22.12	50	200	218
<b>3/8</b>	1522-003 27.48	1532-003 30.47	50	200	218



## Schedule 80 PVC Industrial Products & Accessories True Union 2000 Industrial Ball Check Valves



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant  
 Contact Spears® for Pricing & Availability  
 on Custom Elastomer Seals  
 See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	4529-005	4539-005	1	18	604
	<b>53.54</b>	<b>60.34</b>			
<b>3/4</b>	4529-007	4539-007	1	18	604
	<b>63.84</b>	<b>67.38</b>			
<b>1</b>	4529-010	4539-010	1	18	604
	<b>75.93</b>	<b>84.64</b>			
<b>1-1/4</b>	4529-012	4539-012	1	12	604
	<b>110.88</b>	<b>124.45</b>			
<b>1-1/2</b>	4529-015	4539-015	1	8	604
	<b>127.35</b>	<b>141.34</b>			
<b>2</b>	4529-020	4539-020	1	8	604
	<b>173.87</b>	<b>193.33</b>			

#### Socket Ends

<b>2-1/2</b>	4522-025	4532-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
<b>3</b>	4522-030	4532-030	1	0	605
	<b>536.45</b>	<b>601.33</b>			
<b>4</b>	4522-040	4532-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
<b>6</b>	4522-060	4532-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			
<b>8</b>	4522-080	4532-080	1	0	559
	<b>2072.19</b>	<b>2297.00</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

#### Threaded Ends

<b>2-1/2</b>	4521-025	4531-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
<b>3</b>	4521-030	4531-030	1	0	605
	<b>539.89</b>	<b>605.59</b>			
<b>4</b>	4521-040	4531-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
<b>6</b>	4521-060	4531-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			

#### SR Threaded Ends

<b>1/2</b>	4521-005SR	4531-005SR	1	18	604
	<b>54.63</b>	<b>61.41</b>			
<b>3/4</b>	4521-007SR	4531-007SR	1	18	604
	<b>66.44</b>	<b>69.98</b>			
<b>1</b>	4521-010SR	4531-010SR	1	18	604
	<b>78.50</b>	<b>87.23</b>			
<b>1-1/4</b>	4521-012SR	4531-012SR	1	12	604
	<b>116.03</b>	<b>129.57</b>			
<b>1-1/2</b>	4521-015SR	4531-015SR	1	8	604
	<b>135.65</b>	<b>149.63</b>			
<b>2</b>	4521-020SR	4531-020SR	1	8	604
	<b>182.85</b>	<b>202.32</b>			
<b>2-1/2</b>	4521-025SR	4531-025SR	1	0	605
	<b>444.50</b>	<b>471.94</b>			
<b>3</b>	4521-030SR	4531-030SR	1	0	605
	<b>551.13</b>	<b>471.94</b>			
<b>4</b>	4521-040SR	4531-040SR	1	0	605
	<b>817.52</b>	<b>859.90</b>			
<b>6</b>	4521-060SR	4531-060SR	1	0	558
	<b>1599.30</b>	<b>1769.16</b>			

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>1/2</b>	4527-005	4537-005	1	18	604
	<b>53.54</b>	<b>60.34</b>			
<b>3/4</b>	4527-007	4537-007	1	18	604
	<b>63.84</b>	<b>67.38</b>			
<b>1</b>	4527-010	4537-010	1	12	604
	<b>75.93</b>	<b>84.64</b>			
<b>1-1/4</b>	4527-012	4537-012	1	12	604
	<b>110.88</b>	<b>124.45</b>			
<b>1-1/2</b>	4527-015	4537-015	1	8	604
	<b>127.35</b>	<b>141.34</b>			
<b>2</b>	4527-020	4537-020	1	8	604
	<b>173.87</b>	<b>193.33</b>			
<b>2-1/2</b>	4527-025	4537-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
<b>3</b>	4527-030	4537-030	1	0	605
	<b>477.31</b>	<b>602.66</b>			
<b>4</b>	4527-040	4537-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
<b>6</b>	4527-060	4537-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			

#### Flanged Ends

<b>1/2</b>	4523-005	4533-005	1	8	604
	<b>75.49</b>	<b>94.74</b>			
<b>3/4</b>	4523-007	4533-007	5	0	604
	<b>91.30</b>	<b>113.62</b>			
<b>1</b>	4523-010	4533-010	5	0	604
	<b>108.21</b>	<b>132.21</b>			
<b>1-1/4</b>	4523-012	4533-012	2	0	604
	<b>133.84</b>	<b>173.01</b>			
<b>1-1/2</b>	4523-015	4533-015	3	0	604
	<b>184.68</b>	<b>200.72</b>			
<b>2</b>	4523-020	4533-020	2	0	604
	<b>260.65</b>	<b>266.83</b>			
<b>2-1/2</b>	4523-025	4533-025	1	0	605
	<b>539.96</b>	<b>628.80</b>			
<b>3</b>	4523-030	4533-030	1	0	605
	<b>755.31</b>	<b>878.30</b>			
<b>4</b>	4523-040	4533-040	1	0	605
	<b>1022.38</b>	<b>1186.70</b>			
<b>6</b>	4523-060	4533-060	1	0	558
	<b>2448.69</b>	<b>2840.47</b>			
<b>8</b>	4523-080	4533-080	1	0	559
	<b>3180.11</b>	<b>3696.56</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

## Schedule 80 PVC Industrial Products & Accessories True Union Ball Check Valves (Regular Style)



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

6" Venturied Valves are 4" Ball Check Valves equipped with  
 4x6 End Connectors.

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket & Threaded Ends

<b>1/2</b>	2229-005 <b>58.59</b>	2239-005 <b>66.02</b>	1	18	220
<b>3/4</b>	2229-007 <b>69.85</b>	2239-007 <b>73.74</b>	1	12	220
<b>1</b>	2229-010 <b>83.07</b>	2239-010 <b>92.61</b>	1	8	220
<b>1-1/4</b>	2229-012 <b>121.32</b>	2239-012 <b>136.15</b>	1	8	220
<b>1-1/2</b>	2229-015 <b>139.34</b>	2239-015 <b>154.64</b>	1	8	220
<b>2</b>	2229-020 <b>190.23</b>	2239-020 <b>211.53</b>	1	4	220

#### Socket Ends

<b>2-1/2</b>	2222-025 <b>461.19</b>	2232-025 <b>491.19</b>	1	0	220
<b>3</b>	2222-030 <b>557.14</b>	2232-030 <b>647.41</b>	1	0	220
<b>4</b>	2222-040 <b>865.12</b>	2232-040 <b>911.49</b>	1	0	220

#### Socket Venturied Ends

<b>6 VENTURIED</b>	2222-060 <b>1168.77</b>	2232-060 <b>1323.88</b>	1	0	221
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#### Threaded Ends

<b>2-1/2</b>	2221-025 <b>461.19</b>	2231-025 <b>491.19</b>	1	0	220
<b>3</b>	2221-030 <b>557.14</b>	2231-030 <b>647.41</b>	1	0	220
<b>4</b>	2221-040 <b>865.12</b>	2231-040 <b>911.49</b>	1	0	220

#### Flanged Ends

<b>1/2</b>	2223-005 <b>82.60</b>	2233-005 <b>103.68</b>	6	0	220
<b>3/4</b>	2223-007 <b>99.89</b>	2233-007 <b>124.31</b>	5	0	220
<b>1</b>	2223-010 <b>118.40</b>	2233-010 <b>144.66</b>	5	0	220
<b>1-1/4</b>	2223-012 <b>146.44</b>	2233-012 <b>189.30</b>	2	0	220
<b>1-1/2</b>	2223-015 <b>202.05</b>	2233-015 <b>219.63</b>	3	0	220
<b>2</b>	2223-020 <b>285.18</b>	2233-020 <b>291.95</b>	2	0	220
<b>2-1/2</b>	2223-025 <b>590.78</b>	2233-025 <b>687.99</b>	1	0	220
<b>3</b>	2223-030 <b>826.39</b>	2233-030 <b>960.96</b>	1	0	220
<b>4</b>	2223-040 <b>1118.61</b>	2233-040 <b>1298.39</b>	1	0	220

#### Flanged Venturied Ends

<b>6 VENTURIED</b>	2223-060 <b>1399.93</b>	2233-060 <b>1561.95</b>	1	0	221
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**Schedule 80 PVC Industrial Products & Accessories  
Foot Valve Screens & Y-Check Valves**

**Foot Valve Screens**

Convert to Foot Valve using adapter - Fits all Socket Ball Check Valves or any IPS fitting socket



PVC Foot Valve Screen

**Foot Valve Screens - Spigot**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC</b>					
FVS-005	1/2	10	60	299	43.23
FVS-007	3/4	10	60	299	51.34
FVS-010	1	10	40	299	62.44
FVS-012	1-1/4	5	30	299	90.89
FVS-015	1-1/2	5	0	299	95.74
FVS-020	2	5	0	299	108.05

**Foot Valve Screens - Spigot (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>PVC</b>					
FVS-025	2-1/2	5	0	299	148.63
FVS-030	3	5	0	299	152.88
FVS-040	4	5	0	299	180.89
FVS-060	6	5	0	299	244.96

**Y-Check Valves**



PVC Clear — Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 150 psi  
 3" - 4" 90 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply



True Union Style

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1622-005 84.18	1632-005 93.36	1	18	627
3/4	1622-007 90.30	1632-007 101.02	1	18	627
1	1622-010 99.48	1632-010 110.18	1	12	627
1-1/4	1622-012 156.10	1632-012 172.95	1	8	627
1-1/2	1622-015 169.87	1632-015 188.24	1	8	627
2	1622-020 211.20	1632-020 234.17	1	4	627
3	1622-030 417.81	1632-030 463.71	1	0	627
4	1622-040 728.49	1632-040 809.61	1	0	627

**PVC - SR Threaded Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	1621-020SR 226.50	1631-020SR 249.46	1	0	627
3	1621-030SR 459.14	1631-030SR 505.04	1	0	627
4	1621-040SR 771.34	1631-040SR 852.44	1	0	627

**PVC - Flanged Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1623-005 110.18	1633-005 122.45	1	8	627
3/4	1623-007 120.90	1633-007 134.68	1	4	627
1	1623-010 141.53	1633-010 162.22	1	8	627
1-1/4	1623-012 224.97	1633-012 249.46	1	4	627
1-1/2	1623-015 238.76	1633-015 264.76	1	4	627
2	1623-020 319.86	1633-020 355.04	1	0	627
3	1623-030 625.94	1633-030 694.81	1	0	627
4	1623-040 999.36	1633-040 1109.56	1	0	627

**PVC - SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1621-005SR 87.24	1631-005SR 96.43	1	18	627
3/4	1621-007SR 94.88	1631-007SR 105.60	1	12	627
1	1621-010SR 105.60	1631-010SR 116.31	1	8	627
1-1/4	1621-012SR 165.28	1631-012SR 182.12	1	8	627
1-1/2	1621-015SR 183.65	1631-015SR 202.02	1	4	627



**Schedule 80 PVC Industrial Products & Accessories  
Y-Check Valves**



**PVC Clear - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1622-005CL 84.18	1632-005CL 93.36	1	18	628
<b>3/4</b>	1622-007CL 90.30	1632-007CL 101.02	1	18	628
<b>1</b>	1622-010CL 99.48	1632-010CL 110.18	1	12	628
<b>1-1/4</b>	1622-012CL 156.10	1632-012CL 172.95	1	8	628
<b>1-1/2</b>	1622-015CL 169.87	1632-015CL 188.24	1	8	628
<b>2</b>	1622-020CL 211.20	1632-020CL 234.17	1	4	628
<b>3</b>	1622-030CL 417.81	1632-030CL 463.71	1	0	628
<b>4</b>	1622-040CL 728.49	1632-040CL 809.61	1	0	628

**PVC - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005 91.83	163B-005 101.02	1	12	627
<b>3/4</b>	162B-007 97.94	163B-007 110.18	1	8	627
<b>1</b>	162B-010 108.66	163B-010 119.36	1	8	627
<b>1-1/4</b>	162B-012 168.36	163B-012 188.24	1	4	627
<b>1-1/2</b>	162B-015 185.18	163B-015 205.09	1	0	627
<b>2</b>	162B-020 229.56	163B-020 254.04	2	0	627
<b>3</b>	162B-030 454.53	163B-030 495.86	1	0	627
<b>4</b>	162B-040 792.77	163B-040 880.00	1	0	627

**PVC Clear - SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1621-005CLSR 87.24	1631-005CLSR 96.43	1	18	628
<b>3/4</b>	1621-007CLSR 94.88	1631-007CLSR 105.60	1	12	628
<b>1</b>	1621-010CLSR 105.60	1631-010CLSR 116.31	1	8	628
<b>1-1/4</b>	1621-012CLSR 165.28	1631-012CLSR 182.12	1	8	628
<b>1-1/2</b>	1621-015CLSR 183.65	1631-015CLSR 202.02	1	4	628
<b>2</b>	1621-020CLSR 226.50	1631-020CLSR 249.46	1	0	628
<b>3</b>	1621-030CLSR 459.14	1631-030CLSR 505.04	1	0	628
<b>4</b>	1621-040CLSR 771.34	1631-040CLSR 852.44	1	0	628

**PVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005SR 94.88	163B-005SR 104.07	1	12	627
<b>3/4</b>	162B-007SR 102.53	163B-007SR 113.26	1	8	627
<b>1</b>	162B-010SR 113.26	163B-010SR 125.50	1	8	627
<b>1-1/4</b>	162B-012SR 179.06	163B-012SR 197.41	1	4	627
<b>1-1/2</b>	162B-015SR 200.48	163B-015SR 220.38	1	0	627
<b>2</b>	162B-020SR 246.40	163B-020SR 272.40	1	0	627
<b>3</b>	162B-030SR 498.91	163B-030SR 549.43	1	0	627
<b>4</b>	162B-040SR 837.14	163B-040SR 925.90	1	0	627

**PVC Clear - Flanged Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005CL 110.18	1633-005CL 122.45	1	8	628
<b>3/4</b>	1623-007CL 120.90	1633-007CL 134.68	1	8	628
<b>1</b>	1623-010CL 145.39	1633-010CL 162.22	1	8	628
<b>1-1/4</b>	1623-012CL 224.97	1633-012CL 249.46	1	4	628
<b>1-1/2</b>	1623-015CL 238.76	1633-015CL 264.76	1	4	628
<b>2</b>	1623-020CL 319.86	1633-020CL 355.04	1	0	628
<b>3</b>	1623-030CL 625.94	1633-030CL 694.81	1	0	628
<b>4</b>	1623-040CL 999.36	1633-040CL 1109.56	1	0	628

**PVC Clear - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005CL 91.83	163A-005CL 101.02	1	12	628
<b>3/4</b>	162A-007CL 97.94	163A-007CL 110.18	1	8	628
<b>1</b>	162A-010CL 108.66	163A-010CL 119.36	1	8	628
<b>1-1/4</b>	162A-012CL 169.87	163A-012CL 188.24	1	4	628
<b>1-1/2</b>	162A-015CL 185.18	163A-015CL 205.09	1	0	628
<b>2</b>	162A-020CL 229.56	163A-020CL 254.04	2	0	628
<b>3</b>	162A-030CL 454.53	163A-030CL 495.86	1	0	628
<b>4</b>	162A-040CL 792.77	163A-040CL 880.00	1	0	628

**PVC - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005 91.83	163A-005 101.02	1	12	627
<b>3/4</b>	162A-007 97.94	163A-007 110.18	1	8	627
<b>1</b>	162A-010 108.66	163A-010 119.36	1	8	627
<b>1-1/4</b>	162A-012 169.87	163A-012 188.24	1	4	627
<b>1-1/2</b>	162A-015 185.18	163A-015 205.09	1	0	627
<b>2</b>	162A-020 229.56	163A-020 254.04	2	0	627
<b>3</b>	162A-030 454.53	163A-030 495.86	1	0	627
<b>4</b>	162A-040 792.77	163A-040 880.00	1	0	627

**PVC Clear - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CL 91.83	163B-005CL 101.02	1	12	628
<b>3/4</b>	162B-007CL 97.94	163B-007CL 110.18	1	8	628
<b>1</b>	162B-010CL 108.66	163B-010CL 119.36	1	8	628
<b>1-1/4</b>	162B-012CL 169.87	163B-012CL 188.24	1	4	628
<b>1-1/2</b>	162B-015CL 185.18	163B-015CL 205.09	1	0	628
<b>2</b>	162B-020CL 229.56	163B-020CL 254.04	2	0	628
<b>3</b>	162B-030CL 454.53	163B-030CL 495.86	1	0	628
<b>4</b>	162B-040CL 792.77	163B-040CL 880.00	1	0	628



**Schedule 80 PVC Industrial Products & Accessories  
Y-Check Valves & Butterfly Check Valves**

**Y-Check Valves**

**PVC Clear - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CLSR <b>94.88</b>	163B-005CLSR <b>104.07</b>	1	12	628
<b>3/4</b>	162B-007CLSR <b>102.53</b>	163B-007CLSR <b>113.26</b>	1	8	628
<b>1</b>	162B-010CLSR <b>113.26</b>	163B-010CLSR <b>125.50</b>	1	8	628
<b>1-1/4</b>	162B-012CLSR <b>179.06</b>	163B-012CLSR <b>197.41</b>	1	4	628
<b>1-1/2</b>	162B-015CLSR <b>200.48</b>	163B-015CLSR <b>220.38</b>	1	0	628

**PVC Clear - True Union SR Threaded Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2</b>	162B-020CLSR <b>246.40</b>	163B-020CLSR <b>272.40</b>	1	0	628
<b>3</b>	162B-030CLSR <b>498.91</b>	163B-030CLSR <b>549.43</b>	1	0	628
<b>4</b>	162B-040CLSR <b>837.14</b>	163B-040CLSR <b>925.90</b>	1	0	628

**Butterfly Check Valves**



Wafer



Flanged



Spigot



Threaded



Grooved

Pressure Rating @ 73°F (23°C), Water

2" - 8"      150 psi  
10" - 16"    100 psi  
18" - 24"    50 psi

Maximum Service Temperature  
PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply

**General Installation Information:** Butterfly Check Valve seating may be affected by normal system turbulence. Flow velocities should be limited to approximately 5 feet per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do not place near bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in premature failure of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, perpendicular to flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loading, the Hinge Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Wafer</b>					
<b>2</b>	5420-020 <b>385.09</b>	5430-020 <b>424.33</b>	1	18	289
<b>2-1/2</b>	5420-025 <b>530.69</b>	5430-025 <b>584.85</b>	1	0	289
<b>3</b>	5420-030 <b>678.83</b>	5430-030 <b>748.05</b>	1	8	289
<b>4</b>	5420-040 <b>923.19</b>	5430-040 <b>1017.36</b>	1	4	289
<b>6</b>	5420-060 <b>1399.61</b>	5430-060 <b>1542.36</b>	1	0	289
<b>8</b>	5420-080 <b>2374.63</b>	5430-080 <b>2616.83</b>	1	0	289
<b>10</b>	5420-100 <b>4366.31</b>	5430-100 <b>4846.59</b>	1	0	289
<b>12</b>	5420-120 <b>6156.44</b>	5430-120 <b>6833.66</b>	1	0	289
<b>14</b>	5420-140 <b>8793.94</b>	---	1	0	289
<b>16</b>	5420-160 <b>12212.80</b>	---	1	0	289
<b>18</b>	5420-180 <b>15264.85</b>	---	1	0	289
<b>20</b>	5420-200 <b>19081.05</b>	---	1	0	289
<b>24</b>	5420-240 <b>27256.74</b>	---	1	0	289

**Flanged Ends**

<b>2</b>	5423-020 <b>491.20</b>	5433-020 <b>528.24</b>	1	8	289
<b>2-1/2</b>	5423-025 <b>639.32</b>	5433-025 <b>696.11</b>	1	0	289
<b>3</b>	5423-030 <b>918.27</b>	5433-030 <b>1009.59</b>	1	0	289
<b>4</b>	5423-040 <b>1192.26</b>	5433-040 <b>1330.47</b>	1	0	289
<b>6</b>	5423-060 <b>1932.78</b>	5433-060 <b>2211.72</b>	1	0	289

**PVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>8</b>	5423-080 <b>2769.57</b>	5433-080 <b>3268.20</b>	1	0	289
<b>10</b>	5423-100 <b>5099.79</b>	5433-100 <b>5815.62</b>	1	0	289
<b>12</b>	5423-120 <b>7225.10</b>	5433-120 <b>7685.85</b>	1	0	289
<b>14</b>	5423-140 <b>10187.39</b>	5433-140 <b>10836.99</b>	4	0	289
<b>16</b>	5423-160 <b>14338.77</b>	5433-160 <b>15481.40</b>	1	0	289
<b>18</b>	5423-180 <b>18319.43</b>	5433-180 <b>19595.64</b>	1	0	289
<b>20</b>	5423-200 <b>24077.89</b>	5433-200 <b>25783.73</b>	1	0	289
<b>24</b>	5423-240 <b>31537.47</b>	5433-240 <b>33924.26</b>	1	0	289

**Spigot (Plain End)**

<b>2</b>	5427-020 <b>209.82</b>	5437-020 <b>246.84</b>	1	12	289
<b>2-1/2</b>	5427-025 <b>288.81</b>	5437-025 <b>345.60</b>	1	12	289
<b>3</b>	5427-030 <b>387.54</b>	5437-030 <b>478.87</b>	1	8	289
<b>4</b>	5427-040 <b>508.50</b>	5437-040 <b>646.74</b>	1	4	289
<b>6</b>	5427-060 <b>1081.16</b>	5437-060 <b>1360.10</b>	1	0	289
<b>8</b>	5427-080 <b>1611.90</b>	5437-080 <b>2110.49</b>	1	0	289
<b>10</b>	5427-100 <b>3942.07</b>	5437-100 <b>4657.91</b>	1	0	289
<b>12</b>	5427-120 <b>5339.21</b>	5437-120 <b>6259.09</b>	1	0	289
<b>14</b>	5427-140 <b>7125.66</b>	5437-140 <b>8187.78</b>	1	0	289
<b>16</b>	5427-160 <b>10720.62</b>	5437-160 <b>12569.19</b>	1	0	289

**Schedule 80 PVC Industrial Products & Accessories  
Butterfly Check Valves & Industrial Swing Check Valves**



**Butterfly Check Valves**

**PVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot (Plain End)</b>					
<b>18</b>	5427-180 <b>13400.78</b>	5437-180 <b>15710.07</b>	1	0	289
<b>20</b>	5427-200 <b>16750.52</b>	5437-200 <b>19636.33</b>	1	0	289
<b>24</b>	5427-240 <b>23929.28</b>	5437-240 <b>28050.93</b>	1	0	289

**Threaded Ends**

<b>2</b>	5421A-020 <b>204.89</b>	5431A-020 <b>241.91</b>	1	4	289
<b>2-1/2</b>	5421A-025 <b>278.94</b>	5431A-025 <b>335.69</b>	1	8	289
<b>3</b>	5421A-030 <b>380.15</b>	5431A-030 <b>471.46</b>	1	8	289
<b>4</b>	5421A-040 <b>498.63</b>	5431A-040 <b>636.85</b>	1	4	289
<b>6</b>	5421A-060 <b>1061.43</b>	5431A-060 <b>1340.35</b>	1	0	289
<b>8</b>	5421A-080 <b>1594.63</b>	5431A-080 <b>2093.22</b>	1	0	289
<b>10</b>	5421A-100 <b>3934.01</b>	5431A-100 <b>4651.01</b>	1	0	289

**PVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>					
<b>12</b>	5421A-120 <b>5332.63</b>	5431A-120 <b>6252.52</b>	1	0	289

**Grooved Ends**

<b>2</b>	542G-020 <b>232.03</b>	543G-020 <b>269.05</b>	1	12	289
<b>2-1/2</b>	542G-025 <b>303.62</b>	543G-025 <b>360.38</b>	1	8	289
<b>3</b>	542G-030 <b>399.88</b>	543G-030 <b>491.20</b>	1	8	289
<b>4</b>	542G-040 <b>538.13</b>	543G-040 <b>676.35</b>	1	4	289
<b>6</b>	542G-060 <b>1125.60</b>	543G-060 <b>1404.55</b>	1	0	289
<b>8</b>	542G-080 <b>1661.24</b>	543G-080 <b>2159.88</b>	1	0	289
<b>10</b>	542G-100 <b>4021.06</b>	543G-100 <b>4736.90</b>	1	0	289
<b>12</b>	542G-120 <b>5445.34</b>	543G-120 <b>6366.09</b>	1	0	289

**Industrial Swing Check Valves**



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4"

Pressure Rating @ 73°F (23°C), Water  
 3/4" - 4" 150 psi  
 6" 100 psi  
 8" 70 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free Lubricants



Bolted Bonnet on Sizes 1-1/2" & Up  
(Valve Shown with Arrow Indicator Option)

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

**Industrial Swing Check Valves**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423-007 <b>465.38</b>	4433-007 <b>492.26</b>	1	12	108
<b>1</b>	4423-010 <b>536.30</b>	4433-010 <b>584.47</b>	1	4	108
<b>1-1/4</b>	4423-012 <b>670.85</b>	4433-012 <b>709.80</b>	1	0	108
<b>1-1/2</b>	4423-015 <b>735.43</b>	4433-015 <b>821.63</b>	1	0	108
<b>2</b>	4423-020 <b>846.67</b>	4433-020 <b>940.77</b>	1	0	108
<b>2-1/2</b>	4423-025 <b>1416.97</b>	4433-025 <b>1671.60</b>	1	0	110
<b>3</b>	4423-030 <b>1584.68</b>	4433-030 <b>2076.63</b>	1	0	110
<b>4</b>	4423-040 <b>2019.80</b>	4433-040 <b>2371.43</b>	1	0	110
<b>6</b>	4423-060 <b>3838.62</b>	4433-060 <b>4505.53</b>	1	0	110
<b>8</b>	4423-080 <b>7355.03</b>	4433-080 <b>8597.06</b>	1	0	110

**Swing Check Valve With Arrow Indicator**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423I-007 <b>473.02</b>	4433I-007 <b>499.93</b>	1	12	108
<b>1</b>	4423I-010 <b>543.94</b>	4433I-010 <b>608.97</b>	1	4	108
<b>1-1/4</b>	4423I-012 <b>694.66</b>	4433I-012 <b>763.36</b>	1	0	108
<b>1-1/2</b>	4423I-015 <b>805.62</b>	4433I-015 <b>763.36</b>	1	0	108
<b>2</b>	4423I-020 <b>872.28</b>	4433I-020 <b>952.15</b>	1	0	108
<b>2-1/2</b>	4423I-025 <b>1425.05</b>	4433I-025 <b>1585.33</b>	1	0	110
<b>3</b>	4423I-030 <b>1659.60</b>	4433I-030 <b>1585.33</b>	1	0	110
<b>4</b>	4423I-040 <b>2028.00</b>	4433I-040 <b>2410.12</b>	1	0	110
<b>6</b>	4423I-060 <b>3846.64</b>	4433I-060 <b>4542.63</b>	1	0	110
<b>8</b>	4423I-080 <b>7471.94</b>	4433I-080 <b>8640.99</b>	1	0	110



**Schedule 80 PVC Industrial Products & Accessories  
Industrial Swing Check Valves & Industrial Swing Check Valve Accessory and Repair Kits**

**Industrial Swing Check Valves**

**Swing Check Valve With Counter Balance**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423CB-007 736.12	4433CB-007 787.82	1	8	108
<b>1</b>	4423CB-010 823.45	4433CB-010 882.04	1	4	108
<b>1-1/4</b>	4423CB-012 994.64	4433CB-012 1033.95	1	0	108
<b>1-1/2</b>	4423CB-015 1067.16	4433CB-015 1246.38	1	0	108
<b>2</b>	4423CB-020 1177.41	4433CB-020 1425.16	1	0	108

**Swing Check Valve With Counter Balance (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>2-1/2</b>	4423CB-025 1771.73	4433CB-025 2025.76	1	0	110
<b>3</b>	4423CB-030 1995.27	4433CB-030 2302.13	1	0	110
<b>4</b>	4423CB-040 2390.77	4433CB-040 2742.37	1	0	110
<b>6</b>	4423CB-060 4262.72	4433CB-060 4262.72	1	0	110
<b>8</b>	4423CB-080 8546.49	4433CB-080 9013.04	1	0	110

**Industrial Swing Check Valve Accessory and Repair Kits**

Repair Kits include:

- |                 |                   |
|-----------------|-------------------|
| 1-Bonnet O-ring | 1-Plug O-ring     |
| 1-Disc O-ring   | 1-Arm Plug O-ring |
| 1-Seat O-ring   |                   |

**Industrial Swing Check Valve Repair Kits**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	SK-ERK-007 24.98	SK-VRK-007 30.45	1	10	299
<b>1</b>	SK-ERK-010 32.62	SK-VRK-010 39.79	1	10	299
<b>1-1/2 &amp; 1-1/4</b>	SK-ERK-015 78.00	SK-VRK-015 98.65	1	10	299
<b>2</b>	SK-ERK-020 83.74	SK-VRK-020 102.11	1	10	299
<b>2-1/2</b>	SK-ERK-025 88.56	SK-VRK-025 113.34	1	10	299
<b>3</b>	SK-ERK-030 100.41	SK-VRK-030 122.52	1	10	299
<b>4</b>	SK-ERK-040 109.55	SK-VRK-040 133.59	1	10	299
<b>6</b>	SK-ERK-060 217.74	SK-VRK-060 257.04	1	10	299
<b>8</b>	SK-ERK-080 273.97	SK-VRK-080 332.38	1	10	299

**Schedule 80 PVC Industrial Products & Accessories**  
**Diaphragm Check Valves & PVC In-line Adjustable Spring Check Valves**



**Diaphragm Check Valves**



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 100 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Santoprene™ TPE Seat

**PVC Diaphragm Check Valves - Socket**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6562-007	3/4	15	0	004	84.64

**PVC Diaphragm Check Valves - Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6561-007	3/4	15	0	004	84.64

**PVC In-line Adjustable Spring Check Valves**



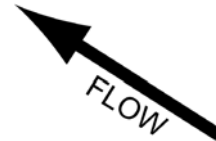
Fipt x Mipt



Mipt x Fipt



Fipt x Fipt



Pressure Rating @ 73°F (23°C), Water  
 200 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply

2 - 14 lbs. Adjustable Spring Tension  
 (5 to 32 feet of head)  
 Factory Preset to Approx. 5 psi  
 (12 feet of head)  
 Each full turn of adjustment nut = 1 psi  
 (2.3 feet of head)  
 Stainless Steel Adjustment Hardware  
 EPDM Seat

**Standard Unit - Female Inlet x Male Outlet**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Fipt x Mipt (Inlet x Outlet)**

S1102-05	1/2	30	180	026	10.40
S1102-07	3/4	25	150	026	10.64
S1102-10	1	25	150	026	17.66
S1102-05-07	1/2X3/4	25	150	026	15.18

**Male Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Mipt x Fipt (Inlet x Outlet)**

S1101-05	1/2	30	180	026	10.40
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**Female Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Fipt x Fipt (Inlet x Outlet)**

S1100-07	3/4	25	150	026	10.99
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## Schedule 80 PVC Industrial Products & Accessories Gate Valves



1/2" - 2" Socket/Threaded Style



2-1/2" - 3" Socket Style



4" Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 200 psi  
 2-1/2" - 3" 150 psi  
 4" 235 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply

PP Gate-Wedge on PVC Valves  
 All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricant

See Gate Valve Accessories & Repair Kits  
 Section for Additional Options and Features

### PVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2011-005 22.98	2021-005 25.22	2031-005 27.78	12	0	200
3/4	2011-007 28.10	2021-007 30.93	2031-007 32.56	12	0	200
1	2011-010 33.31	2021-010 36.68	2031-010 40.38	12	0	200
1-1/4	2011-012 46.06	2021-012 50.68	2031-012 55.72	6	0	200
1-1/2	2011-015 58.77	2021-015 65.29	2031-015 71.10	6	0	200
2	2011-020 75.48	2021-020 83.10	2031-020 91.35	6	0	200
2-1/2	2011-025 417.31	2021-025 459.03	2031-025 504.95	1	0	201

### SR Threaded Ends

3	2011-030SR 417.31	2021-030SR 459.03	2031-030SR 504.95	1	0	201
4	2011-040SR 818.94	2021-040SR 909.94	2031-040SR 1000.90	1	0	201

### Socket Ends

1/2	2012-005 22.98	2022-005 25.22	2032-005 27.78	12	0	200
3/4	2012-007 28.10	2022-007 30.93	2032-007 32.56	12	0	200
1	2012-010 33.31	2022-010 36.68	2032-010 40.38	12	0	200
1-1/4	2012-012 46.06	2022-012 50.68	2032-012 55.72	6	0	200
1-1/2	2012-015 58.77	2022-015 65.29	2032-015 71.10	6	0	200
2	2012-020 75.48	2022-020 83.10	2032-020 91.35	6	0	200
2-1/2	2012-025 417.31	2022-025 459.03	2032-025 504.95	1	0	201
3	2012-030 417.31	2022-030 459.03	2032-030 504.95	1	0	201
4	2012-040 818.94	2022-040 909.94	2032-040 1000.90	1	0	201

### Flanged Ends

1/2	2013-005 111.27	2023-005 126.18	2033-005 144.62	4	0	200
3/4	2013-007 125.20	2023-007 141.68	2033-007 161.65	4	0	200
1	2013-010 137.48	2023-010 155.31	2033-010 178.37	4	0	200

### PVC (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>						
1-1/4	2013-012 154.86	2023-012 177.79	2033-012 211.00	3	0	200
1-1/2	2013-015 180.76	2023-015 206.33	2033-015 242.40	3	0	200
2	2013-020 232.66	2023-020 244.45	2033-020 261.70	2	0	200
2-1/2	2013-025 521.62	2023-025 698.41	2033-025 768.24	1	0	201
3	2013-030 521.62	2023-030 698.41	2033-030 768.24	1	0	201
4	2013-040 1026.74	2023-040 1140.88	2033-040 1254.97	1	0	201



**Schedule 80 PVC Industrial Products & Accessories  
Plug Gate Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 Plug-Style PE Wedge on All Valves  
 Rated for Vacuum Service  
 All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricants

**PVC Socket Ends**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5212-005 <b>22.98</b>	5222-005 <b>25.22</b>	5232-005 <b>27.78</b>	12	0	200
3/4	5212-007 <b>28.10</b>	5222-007 <b>30.93</b>	5232-007 <b>32.56</b>	12	0	200
1	5212-010 <b>33.31</b>	5222-010 <b>36.68</b>	5232-010 <b>40.38</b>	12	0	200
1-1/4	5212-012 <b>46.06</b>	5222-012 <b>50.68</b>	5232-012 <b>55.72</b>	6	0	200
1-1/2	5212-015 <b>58.77</b>	5222-015 <b>65.29</b>	5232-015 <b>71.10</b>	6	0	200
2	5212-020 <b>75.48</b>	5222-020 <b>83.10</b>	5232-020 <b>91.35</b>	6	0	200

**PVC SR Threaded Ends**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5211-005SR <b>25.57</b>	5221-005SR <b>27.84</b>	5231-005SR <b>30.35</b>	12	0	200
3/4	5211-007SR <b>31.85</b>	5221-007SR <b>34.68</b>	5231-007SR <b>36.31</b>	12	0	200
1	5211-010SR <b>38.48</b>	5221-010SR <b>41.86</b>	5231-010SR <b>45.54</b>	12	0	200
1-1/4	5211-012SR <b>54.36</b>	5221-012SR <b>58.98</b>	5231-012SR <b>64.03</b>	6	0	200
1-1/2	5211-015SR <b>72.99</b>	5221-015SR <b>79.51</b>	5231-015SR <b>85.29</b>	6	0	200
2	5211-020SR <b>90.88</b>	5221-020SR <b>98.47</b>	5231-020SR <b>106.77</b>	6	0	200

**PVC Flanged Ends**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5213-005 <b>111.27</b>	5223-005 <b>126.18</b>	5233-005 <b>144.62</b>	4	0	200
3/4	5213-007 <b>125.20</b>	5223-007 <b>141.68</b>	5233-007 <b>161.65</b>	4	0	200
1	5213-010 <b>137.48</b>	5223-010 <b>155.31</b>	5233-010 <b>178.37</b>	4	0	200
1-1/4	5213-012 <b>154.86</b>	5223-012 <b>177.79</b>	5233-012 <b>211.00</b>	3	0	200
1-1/2	5213-015 <b>180.76</b>	5223-015 <b>206.33</b>	5233-015 <b>242.40</b>	3	0	200
2	5213-020 <b>232.66</b>	5223-020 <b>244.45</b>	5233-020 <b>261.70</b>	2	0	200
6	---	5223-060 <b>2183.90</b>	5233-060 <b>2845.45</b>	1	0	201



## Schedule 80 PVC Industrial Products & Accessories Butterfly Valves



Lever Handle Style



Gear Operator Style

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits Section for  
Additional Options and Features

### PVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Lever Handle

1-1/2	721311-015 <b>266.60</b>	722311-015 <b>266.60</b>	723311-015 <b>556.62</b>	1	0	250
2	721311-020 <b>277.20</b>	722311-020 <b>277.20</b>	723311-020 <b>573.66</b>	1	0	250
2-1/2	721311-025 <b>294.29</b>	722311-025 <b>294.29</b>	723311-025 <b>582.20</b>	1	0	250
3	721311-030 <b>298.57</b>	722311-030 <b>298.57</b>	723311-030 <b>592.87</b>	1	0	250
4	721311-040 <b>345.51</b>	722311-040 <b>345.51</b>	723311-040 <b>742.16</b>	1	0	250
6	721311-060 <b>511.84</b>	722311-060 <b>511.84</b>	723311-060 <b>1185.74</b>	1	0	250
8	721311-080 <b>870.11</b>	722311-080 <b>870.11</b>	723311-080 <b>2008.94</b>	1	0	250

#### Gear Operator

1-1/2	721321-015 <b>774.13</b>	722321-015 <b>774.13</b>	723321-015 <b>983.15</b>	1	0	250
2	721321-020 <b>784.83</b>	722321-020 <b>784.83</b>	723321-020 <b>1002.35</b>	1	0	250
2-1/2	721321-025 <b>795.45</b>	722321-025 <b>795.45</b>	723321-025 <b>1040.71</b>	1	0	250
3	721321-030 <b>808.28</b>	722321-030 <b>808.28</b>	723321-030 <b>1100.46</b>	1	0	250
4	721321-040 <b>848.79</b>	722321-040 <b>848.79</b>	723321-040 <b>1245.46</b>	1	0	250
6	721321-060 <b>1019.43</b>	722321-060 <b>1019.43</b>	723321-060 <b>1693.31</b>	1	0	250
8	721321-080 <b>1377.67</b>	722321-080 <b>1377.67</b>	723321-080 <b>2516.52</b>	1	0	250
10	721321-100 <b>1863.89</b>	722321-100 <b>1863.89</b>	723321-100 <b>4111.68</b>	1	0	250
12	721321-120 <b>2567.68</b>	722321-120 <b>2567.68</b>	723321-120 <b>5907.41</b>	1	0	250

#### Valve Only

1-1/2	721301-015 <b>232.47</b>	722301-015 <b>232.47</b>	723301-015 <b>486.22</b>	1	0	250
2	721301-020 <b>258.03</b>	722301-020 <b>258.03</b>	723301-020 <b>509.70</b>	1	0	250
2-1/2	721301-025 <b>266.60</b>	722301-025 <b>266.60</b>	723301-025 <b>526.74</b>	1	0	250
3	721301-030 <b>272.99</b>	722301-030 <b>272.99</b>	723301-030 <b>537.41</b>	1	0	250
4	721301-040 <b>315.63</b>	722301-040 <b>315.63</b>	723301-040 <b>673.90</b>	1	0	250
6	721301-060 <b>477.69</b>	722301-060 <b>477.69</b>	723301-060 <b>1091.91</b>	1	0	250
8	721301-080 <b>827.48</b>	722301-080 <b>827.48</b>	723301-080 <b>1842.59</b>	1	0	250
10	721301-100 <b>1659.17</b>	722301-100 <b>1659.17</b>	723301-100 <b>3689.44</b>	1	0	250
12	721301-120 <b>2141.16</b>	722301-120 <b>2141.16</b>	723301-120 <b>5267.59</b>	1	0	250

## Schedule 80 PVC Industrial Products & Accessories Lug Insert Butterfly Valves



Spears® Standard Butterfly Valve  
with Lug Inserts Factory Assembled

Note: Lug (insert) Valves require attention to flow direction for dead-end service. Flange must be installed on side of valve opposite the hex nut recesses for Single-Side installation. See "True Lug Butterfly Valves," where dead-end service is required in either direction.

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

See Butterfly Valve Accessories & Repair Kits Section for Additional Options and Features. Lug Valves Use Same Accessories, Repair Kits, and Overhaul Kits as Standard Butterfly Valves



### PVC - Zinc-Plated Lug Inserts

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311K-015 424.56	722311K-015 424.56	723311K-015 607.11	1	0	250
2	721311K-020 434.03	722311K-020 434.03	723311K-020 630.11	1	0	250
2-1/2	721311K-025 459.72	722311K-025 459.72	723311K-025 650.37	1	0	250
3	721311K-030 466.49	722311K-030 466.49	723311K-030 687.69	1	0	250
4	721311K-040 819.38	722311K-040 819.38	723311K-040 1062.78	1	0	250
6	721311K-060 1072.23	722311K-060 1072.23	723311K-060 1519.80	1	0	250
8	721311K-080 1331.85	722311K-080 1331.85	723311K-080 2170.18	1	0	250

### Gear Operator

1-1/2	721321K-015 884.30	722321K-015 884.30	723321K-015 1061.43	1	0	250
2	721321K-020 903.22	722321K-020 903.22	723321K-020 1080.35	1	0	250
2-1/2	721321K-025 946.49	722321K-025 946.49	723321K-025 1119.55	1	0	250
3	721321K-030 960.01	722321K-030 960.01	723321K-030 1150.66	1	0	250
4	721321K-040 1322.38	722321K-040 1322.38	723321K-040 1646.90	1	0	250
6	721321K-060 1632.03	722321K-060 1632.03	723321K-060 2180.99	1	0	250
8	721321K-080 1917.32	722321K-080 1917.32	723321K-080 2861.12	1	0	250
10	721321K-100 3389.79	722321K-100 3389.79	723321K-100 5427.46	1	0	250
12	721321K-120 3906.31	722321K-120 3906.31	723321K-120 6524.03	1	0	250

### Valve Only

1-1/2	721301K-015 381.31	722301K-015 381.31	723301K-015 584.12	1	0	250
2	721301K-020 419.16	722301K-020 419.16	723301K-020 600.35	1	0	250
2-1/2	721301K-025 439.44	722301K-025 439.44	723301K-025 634.15	1	0	250
3	721301K-030 447.55	722301K-030 447.55	723301K-030 640.91	1	0	250
4	721301K-040 801.81	722301K-040 801.81	723301K-040 1039.79	1	0	250
6	721301K-060 1064.14	722301K-060 1064.14	723301K-060 1492.76	1	0	250
8	721301K-080 1307.50	722301K-080 1307.50	723301K-080 2140.43	1	0	250
10	721301K-100 2670.46	722301K-100 2670.46	723301K-100 4306.54	1	0	250
12	721301K-120 3078.80	722301K-120 3078.80	723301K-120 6164.36	1	0	250

### PVC - SS Lug Inserts

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311G-015 484.06	722311G-015 484.06	723311G-015 730.16	1	0	250

### PVC - SS Lug Inserts (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
2	721311G-020 489.48	722311G-020 489.48	723311G-020 736.90	1	0	250
2-1/2	721311G-025 538.15	722311G-025 538.15	723311G-025 766.66	1	0	250
3	721311G-030 543.56	722311G-030 543.56	723311G-030 774.78	1	0	250
4	721311G-040 964.07	722311G-040 964.07	723311G-040 1249.36	1	0	250
6	721311G-060 1262.89	722311G-060 1262.89	723311G-060 1787.53	1	0	250
8	721311G-080 1560.35	722311G-080 1560.35	723311G-080 2552.83	1	0	250

### Gear Operator

1-1/2	721321G-015 987.06	722321G-015 987.06	723321G-015 1239.90	1	0	250
2	721321G-020 999.22	722321G-020 999.22	723321G-020 1260.18	1	0	250
2-1/2	721321G-025 1051.96	722321G-025 1051.96	723321G-025 1316.98	1	0	250
3	721321G-030 1065.48	722321G-030 1065.48	723321G-030 1348.07	1	0	250
4	721321G-040 1553.60	722321G-040 1553.60	723321G-040 1934.90	1	0	250
6	721321G-060 1920.02	722321G-060 1920.02	723321G-060 2566.34	1	0	250
8	721321G-080 2255.35	722321G-080 2255.35	723321G-080 3277.56	1	0	250
10	721321G-100 3984.73	722321G-100 3984.73	723321G-100 6388.83	1	0	250
12	721321G-120 4593.19	722321G-120 4593.19	723321G-120 7942.41	1	0	250

### Valve Only

1-1/2	721301G-015 466.49	722301G-015 466.49	723301G-015 692.30	1	0	250
2	721301G-020 475.94	722301G-020 475.94	723301G-020 712.57	1	0	250
2-1/2	721301G-025 519.21	722301G-025 519.21	723301G-025 727.45	1	0	250
3	721301G-030 527.32	722301G-030 527.32	723301G-030 753.14	1	0	250
4	721301G-040 945.14	722301G-040 945.14	723301G-040 1222.32	1	0	250
6	721301G-060 1252.07	722301G-060 1252.07	723301G-060 1753.71	1	0	250
8	721301G-080 1541.44	722301G-080 1541.44	723301G-080 2519.02	1	0	250
10	721301G-100 3139.65	722301G-100 3139.65	723301G-100 5063.72	1	0	250
12	721301G-120 3621.00	722301G-120 3621.00	723301G-120 6317.16	1	0	250

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
Progressive Products from Spears® Innovation and Technology



## Schedule 80 PVC Industrial Products & Accessories True Lug Butterfly Valves



Pressure Rating @ 73°F (23°C), Water

1-1/2" - 12" 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 See Butterfly Valve Accessories & Repair Kits  
 Section for Additional Options and Features

### PVC - Zinc-Plated Lugs

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Lever Handle

1-1/2	721311Z-015 605.91	722311Z-015 605.91	723311Z-015 868.84	1	0	250
2	721311Z-020 619.70	722311Z-020 619.70	723311Z-020 902.56	1	0	250
2-1/2	721311Z-025 656.36	722311Z-025 656.36	723311Z-025 931.54	1	0	250
3	721311Z-030 666.38	722311Z-030 666.38	723311Z-030 943.73	1	0	250
4	721311Z-040 1172.04	722311Z-040 1172.04	723311Z-040 1519.20	1	0	250
6	721311Z-060 1533.70	722311Z-060 1533.70	723311Z-060 2172.38	1	0	250
8	721311Z-080 1903.71	722311Z-080 1903.71	723311Z-080 3101.20	1	0	250

#### Gear Operator

1-1/2	721321Z-015 984.07	722321Z-015 984.07	723321Z-015 1250.67	1	0	250
2	721321Z-020 1005.06	722321Z-020 1005.06	723321Z-020 1272.44	1	0	250
2-1/2	721321Z-025 1053.27	722321Z-025 1053.27	723321Z-025 1319.15	1	0	250
3	721321Z-030 1065.63	722321Z-030 1065.63	723321Z-030 1352.16	1	0	250
4	721321Z-040 1556.46	722321Z-040 1556.46	723321Z-040 1937.96	1	0	250
6	721321Z-060 1920.76	722321Z-060 1920.76	723321Z-060 2567.54	1	0	250
8	721321Z-080 2256.59	722321Z-080 2256.59	723321Z-080 3367.59	1	0	250
10	721321Z-100 3987.96	722321Z-100 3987.96	723321Z-100 6387.37	1	0	250
12	721321Z-120 4596.29	722321Z-120 4596.29	723321Z-120 7676.48	1	0	250

#### Valve Only

1-1/2	721301Z-015 544.69	722301Z-015 544.69	723301Z-015 835.98	1	0	250
2	721301Z-020 599.54	722301Z-020 599.54	723301Z-020 857.48	1	0	250
2-1/2	721301Z-025 631.07	722301Z-025 631.07	723301Z-025 906.68	1	0	250
3	721301Z-030 639.36	722301Z-030 639.36	723301Z-030 915.21	1	0	250
4	721301Z-040 1147.67	722301Z-040 1147.67	723301Z-040 1486.91	1	0	250
6	721301Z-060 1522.39	722301Z-060 1522.38	723301Z-060 2133.98	1	0	250
8	721301Z-080 1869.65	722301Z-080 1869.65	723301Z-080 3058.98	1	0	250
10	721301Z-100 3815.88	722301Z-100 3815.88	723301Z-100 6152.90	1	0	250
12	721301Z-120 4399.95	722301Z-120 4399.95	723301Z-120 7011.30	1	0	250

### PVC - Stainless Steel Lugs

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Lever Handle

1-1/2	721311L-015 691.49	722311L-015 691.49	723311L-015 1044.14	1	0	250
2	721311L-020 699.41	722311L-020 699.41	723311L-020 1054.05	1	0	250
2-1/2	721311L-025 769.14	722311L-025 769.14	723311L-025 1095.96	1	0	250
3	721311L-030 777.13	722311L-030 777.13	723311L-030 1107.72	1	0	250
4	721311L-040 1378.82	722311L-040 1378.82	723311L-040 1785.01	1	0	250
6	721311L-060 1804.16	722311L-060 1804.16	723311L-060 2554.23	1	0	250
8	721311L-080 2230.63	722311L-080 2230.63	723311L-080 3648.47	1	0	250

#### Gear Operator

1-1/2	721321L-015 1161.81	722321L-015 1161.81	723321L-015 1459.67	1	0	250
2	721321L-020 1177.19	722321L-020 1177.19	723321L-020 1483.98	1	0	250
2-1/2	721321L-025 1239.14	722321L-025 1239.14	723321L-025 1551.94	1	0	250
3	721321L-030 1253.65	722321L-030 1253.65	723321L-030 1588.40	1	0	250
4	721321L-040 1828.89	722321L-040 1828.89	723321L-040 2277.69	1	0	250
6	721321L-060 2259.64	722321L-060 2259.64	723321L-060 3020.61	1	0	250
8	721321L-080 2654.29	722321L-080 2654.29	723321L-080 3857.61	1	0	250
10	721321L-100 4689.50	722321L-100 4689.50	723321L-100 7516.65	1	0	250
12	721321L-120 5405.07	722321L-120 5405.07	723321L-120 9345.51	1	0	250

#### Valve Only

1-1/2	721301L-015 665.98	722301L-015 665.98	723301L-015 989.02	1	0	250
2	721301L-020 679.99	722301L-020 679.99	723301L-020 1019.02	1	0	250
2-1/2	721301L-025 742.41	722301L-025 742.41	723301L-025 1038.64	1	0	250
3	721301L-030 752.12	722301L-030 752.12	723301L-030 1076.72	1	0	250
4	721301L-040 1349.96	722301L-040 1349.96	723301L-040 1746.31	1	0	250
6	721301L-060 1788.76	722301L-060 1788.76	723301L-060 2505.54	1	0	250
8	721301L-080 2201.76	722301L-080 2201.76	723301L-080 3598.72	1	0	250
10	721301L-100 4484.73	722301L-100 4484.73	723301L-100 7234.17	1	0	250
12	721301L-120 5173.52	722301L-120 5173.52	723301L-120 9026.64	1	0	250

# Schedule 80 PVC Industrial Products & Accessories Large Diameter Butterfly Valves & Wafer Butterfly Valves



## Large Diameter Butterfly Valves

Maximum Service Temperature

PVC = 140°F (60°C)

PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply

Contact Spears® for Custom Produced Valve Sizes 30" to 60"



Pressure Rating @ 73°F (23°C), Water

Size	Psi
14	100
16	85
18	70
20	50
24	50

### PVC - Gear Operator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>14</b>	722321-140 <b>5759.39</b>	723321-140 <b>13996.15</b>	1	0	251

### Polypropylene - Gear Operator (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>18</b>	722321-180P <b>26039.51</b>	723321-180P <b>29834.86</b>	1	0	257
<b>20</b>	722321-200P <b>29215.80</b>	723321-200P <b>35512.53</b>	1	0	257
<b>24</b>	722321-240P <b>33092.72</b>	723321-240P <b>47739.89</b>	1	0	257

### Polypropylene - Gear Operator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	722321-160P <b>23639.20</b>	723321-160P <b>25605.47</b>	1	0	257

## Wafer Butterfly Valves



Lever Handle

Wafer Butterfly Valve laying lengths will directly replace common Cast Iron valves (matches Keystone Model 228 and Bray Series 30 Butterfly Valves).

#### IMPORTANT NOTE

All PVC valves have built-in Santoprene™ Thermoplastic Elastomer (TPE) Flange Gaskets for use with choice of Buna-N, EPDM, or Viton® Seats.

Pressure Rating @ 73°F (23°C), Water  
150 psi

Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply



Gear Operator

### PVC

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>2</b>	751311-020 <b>277.20</b>	752311-020 <b>277.20</b>	753311-020 <b>573.66</b>	1	0	250
<b>2-1/2</b>	751311-025 <b>294.29</b>	752311-025 <b>294.29</b>	753311-025 <b>582.20</b>	1	0	250
<b>3</b>	751311-030 <b>298.57</b>	752311-030 <b>298.57</b>	753311-030 <b>592.87</b>	1	0	250
<b>4</b>	751311-040 <b>345.51</b>	752311-040 <b>345.51</b>	753311-040 <b>742.16</b>	1	0	250
<b>6</b>	751311-060 <b>511.84</b>	752311-060 <b>511.84</b>	753311-060 <b>1185.74</b>	1	0	250
<b>8</b>	751311-080 <b>870.11</b>	752311-080 <b>870.11</b>	753311-080 <b>2008.94</b>	1	0	250

### Gear Operator

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>2</b>	751321-020 <b>784.83</b>	752321-020 <b>784.83</b>	753321-020 <b>1002.35</b>	1	0	250
<b>2-1/2</b>	751321-025 <b>795.45</b>	752321-025 <b>795.45</b>	753321-025 <b>1040.71</b>	1	0	250
<b>3</b>	751321-030 <b>808.28</b>	752321-030 <b>808.28</b>	753321-030 <b>1100.46</b>	1	0	250
<b>4</b>	751321-040 <b>848.79</b>	752321-040 <b>848.79</b>	753321-040 <b>1245.46</b>	1	0	250
<b>6</b>	751321-060 <b>1019.43</b>	752321-060 <b>1019.43</b>	753321-060 <b>1693.31</b>	1	0	250
<b>8</b>	751321-080 <b>1377.67</b>	752321-080 <b>1377.67</b>	753321-080 <b>2516.52</b>	1	0	250

### PVC

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>2</b>	751301-020 <b>258.03</b>	752301-020 <b>258.03</b>	753301-020 <b>509.70</b>	1	0	250
<b>2-1/2</b>	751301-025 <b>266.60</b>	752301-025 <b>266.60</b>	753301-025 <b>526.74</b>	1	0	250
<b>3</b>	751301-030 <b>272.99</b>	752301-030 <b>272.99</b>	753301-030 <b>537.41</b>	1	0	250
<b>4</b>	751301-040 <b>315.63</b>	752301-040 <b>315.63</b>	753301-040 <b>673.90</b>	1	0	250
<b>6</b>	751301-060 <b>477.69</b>	752301-060 <b>477.69</b>	753301-060 <b>1091.91</b>	1	0	250
<b>8</b>	751301-080 <b>827.48</b>	752301-080 <b>827.48</b>	753301-080 <b>1842.59</b>	1	0	250

### Valve Only



## Schedule 80 PVC Industrial Products & Accessories Globe Valves & Needle Valves

### Globe Valves



Pressure Rating @ 73°F (23°C), Water  
2-1/2" - 6" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply  
All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant  
Suitable for Vacuum Service

Internal Repair Kit includes 1-Bonnet O-ring along with a factory assembled (required) internal component replacement unit consisting of Bonnet assembled with Stem/O-rings, Seat & Seal Carrier components. Install in valve using existing valve Bolts/Nuts/Washers, and Handle/Nut.

#### PVC Flanged Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	6013-025 577.86	6023-025 611.54	6033-025 658.81	1	0	620
	6013-030 662.40	6023-030 691.74	6033-030 769.81	1	0	620
4	6013-040 751.49	6023-040 898.36	6033-040 987.12	1	0	620
	6013-060 1155.72	6023-060 1381.97	6033-060 1409.51	1	0	620

#### PVC Internal Repair Kit

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	GL-BRK-025 192.23	GL-ERK-025 464.95	GL-VRK-025 517.13	1	0	299
	GL-BRK-030 214.23	GL-ERK-030 515.16	GL-VRK-030 574.20	1	0	299
4	GL-BRK-040 251.35	GL-ERK-040 604.11	GL-VRK-040 664.20	1	0	299
	GL-BRK-060 547.67	GL-ERK-060 928.30	GL-VRK-060 947.30	1	0	299

### Needle Valves



Pressure Rating @ 73°F (23°C), Water  
PVC 235 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Solid PTFE Stem Seals  
No Elastomer or Lubricants used  
Valves include Panel Mounting Nut

#### PVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
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##### Globe Pattern

1/4	5591-002 67.71	5592-002 67.71	---	1	18	218
	5591-003 67.71	5592-003 67.71	---	1	18	218
1/2	5591-005 75.15	5592-005 75.15	5591-005SR 77.17	1	18	218

##### Angle Pattern

1/4	5691-002 67.71	5692-002 67.71	---	1	18	218
	5691-003 67.71	5692-003 67.71	---	1	18	218
1/2	5691-005 75.15	5692-005 75.15	5691-005SR 77.17	1	18	218



## Schedule 80 PVC Industrial Products & Accessories Diaphragm Valves



Socket/Threaded Style



Flanged Style



Spigot Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 1/2" - 4" Flanged  
 & Valves w/PTFE  
 Diaphragms 150 psi  
 6" 100 psi  
 8" 75 psi

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 No Lubricants in Media Contact Area  
 See Diaphragm Valve Repair Kits Section  
 for Additional Options and Features

Contact Spears® for Pricing on  
 Additional Specialty Diaphragms

- Hypalon®
- Hypalon® backed PTFE
- PTFE Encapsulated O-rings  
 (for True Union Style Valves)

### PVC - Socket Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2729-005 131.26	2739-005 145.84	2729T-005 209.22	2739T-005 232.14	2739VT-005 286.34	1	12	270
3/4	2729-007 148.98	2739-007 165.55	2729T-007 223.43	2739T-007 250.72	2739VT-007 309.55	1	8	270
1	2729-010 183.61	2739-010 201.76	2729T-010 322.33	2739T-010 334.12	2739VT-010 394.32	1	8	270
1-1/4	2729-012 274.85	2739-012 326.80	2729T-012 443.12	2739T-012 469.70	2739VT-012 531.44	1	4	270
1-1/2	2729-015 288.90	2739-015 334.33	2729T-015 473.06	2739T-015 496.73	2739VT-015 550.78	1	4	270
2	2729-020 341.79	2739-020 405.04	2729T-020 539.43	2739T-020 566.53	2739VT-020 690.85	1	0	270

### PVC - SR Threaded Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2721-005SR 131.26	2731-005SR 145.84	2721T-005SR 209.22	2731T-005SR 232.14	2731VT-005SR 286.34	1	12	270
3/4	2721-007SR 148.98	2731-007SR 165.55	2721T-007SR 223.43	2731T-007SR 250.72	2731VT-007SR 309.55	1	8	270
1	2721-010SR 183.61	2731-010SR 201.76	2721T-010SR 322.33	2731T-010SR 334.12	2731VT-010SR 394.32	1	8	270
1-1/4	2721-012SR 274.85	2731-012SR 326.80	2721T-012SR 443.12	2731T-012SR 469.70	2731VT-012SR 531.44	1	4	270
1-1/2	2721-015SR 288.90	2731-015SR 334.33	2721T-015SR 473.06	2731T-015SR 496.73	2731VT-015SR 550.78	1	4	270
2	2721-020SR 341.79	2731-020SR 405.04	2721T-020SR 539.43	2731T-020SR 566.53	2731VT-020SR 690.85	1	0	270

### PVC - Spigot Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2727-005 127.96	2737-005 142.16	2797T-005 202.02	2797VT-005 233.82	1	12	270
3/4	2727-007 144.17	2737-007 159.55	2797T-007 215.56	2797VT-007 256.72	1	8	270
1	2727-010 178.94	2737-010 194.87	2797T-010 314.69	2797VT-010 366.35	1	8	270
1-1/4	2727-012 266.05	2737-012 320.47	2797T-012 432.82	2797VT-012 480.89	1	4	270
1-1/2	2727-015 281.69	2737-015 325.97	2797T-015 461.30	2797VT-015 526.90	1	4	270
2	2727-020 331.18	2737-020 391.06	2797T-020 523.24	2797VT-020 644.09	1	0	270

### PVC - Flanged Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2723-005 209.59	2733-005 226.89	2793T-005 286.34	2793VT-005 314.31	4	0	270
3/4	2723-007 235.51	2733-007 241.47	2793T-007 309.55	2793VT-007 349.21	4	0	270
1	2723-010 264.96	2733-010 296.32	2793T-010 394.32	2793VT-010 442.23	4	0	270
1-1/4	2723-012 359.91	2733-012 398.44	2793T-012 531.44	2793VT-012 586.63	1	4	270
1-1/2	2723-015 364.22	2733-015 406.63	2793T-015 550.78	2793VT-015 612.03	1	4	270



**Schedule 80 PVC Industrial Products & Accessories  
Diaphragm Valves**

**PVC - Flanged Ends (continued)**

<b>Size</b>	<b>EPDM Diaphragm</b>	<b>Viton® Diaphragm</b>	<b>EPDM Backed PTFE Diaphragm</b>	<b>Viton® Backed PTFE Diaphragm</b>	<b>Std Pk</b>	<b>Mstr Pk</b>	<b>Disc Code</b>
<b>2</b>	2723-020 <b>432.93</b>	2733-020 <b>463.14</b>	2793T-020 <b>617.71</b>	2793VT-020 <b>706.19</b>	1	0	270
<b>2-1/2</b>	2723-025 <b>604.73</b>	2733-025 <b>691.23</b>	2793T-025 <b>955.18</b>	2793VT-025 <b>1094.04</b>	1	0	271
<b>3</b>	2723-030 <b>808.54</b>	2733-030 <b>898.44</b>	2793T-030 <b>1252.55</b>	2793VT-030 <b>1385.94</b>	1	0	271
<b>4</b>	2723-040 <b>1120.00</b>	2733-040 <b>1221.34</b>	2793T-040 <b>1735.76</b>	2793VT-040 <b>1928.56</b>	1	0	271
<b>6</b>	2723-060 <b>2705.80</b>	2733-060 <b>3167.98</b>	2793T-060 <b>4494.84</b>	2793VT-060 <b>4939.44</b>	1	0	271
<b>8</b>	2723-080 <b>5410.06</b>	2733-080 <b>5700.85</b>	2793T-080 <b>6670.97</b>	2793VT-080 <b>7494.49</b>	1	0	271

## Schedule 80 PVC Industrial Products & Accessories Y-Pattern Valves



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2"      150 psi  
 3" - 4"      90 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure De-ratings Apply



True Union Style

### PVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1722-005 <b>79.57</b>	1732-005 <b>84.18</b>	1	12	620
<b>3/4</b>	1722-007 <b>93.36</b>	1732-007 <b>99.48</b>	1	8	620
<b>1</b>	1722-010 <b>111.71</b>	1732-010 <b>119.36</b>	1	8	620
<b>1-1/4</b>	1722-012 <b>136.21</b>	1732-012 <b>149.99</b>	1	4	620
<b>1-1/2</b>	1722-015 <b>182.12</b>	1732-015 <b>192.83</b>	1	0	620
<b>2</b>	1722-020 <b>258.64</b>	1732-020 <b>275.49</b>	2	0	620
<b>3</b>	1722-030 <b>557.07</b>	1732-030 <b>606.05</b>	1	0	620
<b>4</b>	1722-040 <b>945.80</b>	1732-040 <b>1029.99</b>	1	0	620

### PVC Clear - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1722-005CL <b>79.57</b>	1732-005CL <b>84.18</b>	1	12	621
<b>3/4</b>	1722-007CL <b>93.36</b>	1732-007CL <b>99.48</b>	1	8	621
<b>1</b>	1722-010CL <b>111.71</b>	1732-010CL <b>119.36</b>	1	8	621
<b>1-1/4</b>	1722-012CL <b>136.21</b>	1732-012CL <b>149.99</b>	1	4	621
<b>1-1/2</b>	1722-015CL <b>182.12</b>	1732-015CL <b>192.83</b>	1	0	621
<b>2</b>	1722-020CL <b>258.64</b>	1732-020CL <b>275.49</b>	2	0	621
<b>3</b>	1722-030CL <b>557.07</b>	1732-030CL <b>606.05</b>	1	0	621
<b>4</b>	1722-040CL <b>945.80</b>	1732-040CL <b>1029.99</b>	1	0	621

### PVC - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1721-005SR <b>82.64</b>	1731-005SR <b>87.24</b>	1	8	620
<b>3/4</b>	1721-007SR <b>97.94</b>	1731-007SR <b>104.07</b>	1	8	620
<b>1</b>	1721-010SR <b>117.85</b>	1731-010SR <b>125.50</b>	1	8	620
<b>1-1/4</b>	1721-012SR <b>160.68</b>	1731-012SR <b>169.87</b>	1	0	620
<b>1-1/2</b>	1721-015SR <b>197.41</b>	1731-015SR <b>206.61</b>	1	0	620
<b>2</b>	1721-020SR <b>278.54</b>	1731-020SR <b>292.32</b>	1	0	620
<b>3</b>	1721-030SR <b>598.39</b>	1731-030SR <b>647.37</b>	1	0	620
<b>4</b>	1721-040SR <b>988.66</b>	1731-040SR <b>1072.82</b>	1	0	620

### PVC Clear - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1721-005CLSR <b>82.64</b>	1731-005CLSR <b>87.24</b>	1	8	621
<b>3/4</b>	1721-007CLSR <b>97.94</b>	1731-007CLSR <b>104.07</b>	1	8	621
<b>1</b>	1721-010CLSR <b>117.85</b>	1731-010CLSR <b>125.50</b>	1	8	621
<b>1-1/4</b>	1721-012CLSR <b>160.68</b>	1731-012CLSR <b>169.87</b>	1	0	621
<b>1-1/2</b>	1721-015CLSR <b>197.41</b>	1731-015CLSR <b>206.61</b>	1	0	621
<b>2</b>	1721-020CLSR <b>278.54</b>	1731-020CLSR <b>292.32</b>	1	0	621
<b>3</b>	1721-030CLSR <b>598.39</b>	1731-030CLSR <b>647.37</b>	1	0	621
<b>4</b>	1721-040CLSR <b>988.66</b>	1731-040CLSR <b>1072.82</b>	1	0	621

### PVC - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1723-005 <b>111.71</b>	1733-005 <b>116.31</b>	1	8	620
<b>3/4</b>	1723-007 <b>128.55</b>	1733-007 <b>134.68</b>	1	4	620
<b>1</b>	1723-010 <b>151.50</b>	1733-010 <b>157.63</b>	1	4	620
<b>1-1/4</b>	1723-012 <b>177.52</b>	1733-012 <b>189.77</b>	1	0	620
<b>1-1/2</b>	1723-015 <b>223.44</b>	1733-015 <b>234.17</b>	1	0	620
<b>2</b>	1723-020 <b>313.72</b>	1733-020 <b>329.04</b>	1	0	620
<b>3</b>	1723-030 <b>612.18</b>	1733-030 <b>661.15</b>	1	0	620
<b>4</b>	1723-040 <b>1215.14</b>	1733-040 <b>1288.62</b>	1	0	620

### PVC Clear - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1723-005CL <b>111.71</b>	1733-005CL <b>116.31</b>	1	8	621
<b>3/4</b>	1723-007CL <b>128.55</b>	1733-007CL <b>134.68</b>	1	8	621
<b>1</b>	1723-010CL <b>151.50</b>	1733-010CL <b>157.63</b>	1	4	621
<b>1-1/4</b>	1723-012CL <b>177.52</b>	1733-012CL <b>189.77</b>	1	0	621
<b>1-1/2</b>	1723-015CL <b>223.44</b>	1733-015CL <b>234.17</b>	1	0	621
<b>2</b>	1723-020CL <b>313.72</b>	1733-020CL <b>329.04</b>	1	0	621
<b>3</b>	1723-030CL <b>612.18</b>	1733-030CL <b>661.15</b>	1	0	621
<b>4</b>	1723-040CL <b>1215.14</b>	1733-040CL <b>1288.62</b>	1	0	621



**Schedule 80 PVC Industrial Products & Accessories  
Y-Pattern Valves**

**PVC - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172A-005 <b>94.88</b>	173A-005 <b>99.48</b>	1	8	620
<b>3/4</b>	172A-007 <b>110.18</b>	173A-007 <b>116.31</b>	1	8	620
<b>1</b>	172A-010 <b>131.62</b>	173A-010 <b>140.80</b>	1	4	620
<b>1-1/4</b>	172A-012 <b>160.68</b>	173A-012 <b>176.01</b>	2	0	620
<b>1-1/2</b>	172A-015 <b>214.26</b>	173A-015 <b>226.50</b>	2	0	620
<b>2</b>	172A-020 <b>303.03</b>	173A-020 <b>324.46</b>	1	0	620
<b>3</b>	172A-030 <b>655.02</b>	173A-030 <b>711.66</b>	1	0	620
<b>4</b>	172A-040 <b>1112.62</b>	173A-040 <b>1210.59</b>	1	0	620

**PVC Clear - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005CL <b>94.88</b>	173B-005CL <b>99.48</b>	1	8	621
<b>3/4</b>	172B-007CL <b>110.18</b>	173B-007CL <b>116.31</b>	1	8	621
<b>1</b>	172B-010CL <b>131.62</b>	173B-010CL <b>140.80</b>	1	4	621
<b>1-1/4</b>	172B-012CL <b>160.68</b>	173B-012CL <b>176.01</b>	2	0	621
<b>1-1/2</b>	172B-015CL <b>214.26</b>	173B-015CL <b>226.50</b>	1	0	621
<b>2</b>	172B-020CL <b>303.03</b>	173B-020CL <b>324.46</b>	1	0	621
<b>3</b>	172B-030CL <b>655.02</b>	173B-030CL <b>711.66</b>	1	0	621
<b>4</b>	172B-040CL <b>1112.62</b>	173B-040CL <b>1210.59</b>	1	0	621

**PVC - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005 <b>94.88</b>	173B-005 <b>99.48</b>	1	8	620
<b>3/4</b>	172B-007 <b>110.18</b>	173B-007 <b>116.31</b>	1	8	620
<b>1</b>	172B-010 <b>131.62</b>	173B-010 <b>140.80</b>	1	4	620
<b>1-1/4</b>	172B-012 <b>160.68</b>	173B-012 <b>176.01</b>	2	0	620
<b>1-1/2</b>	172B-015 <b>214.26</b>	173B-015 <b>226.50</b>	1	0	620
<b>2</b>	172B-020 <b>303.03</b>	173B-020 <b>324.46</b>	1	0	620
<b>3</b>	172B-030 <b>655.02</b>	173B-030 <b>711.66</b>	1	0	620
<b>4</b>	172B-040 <b>1112.62</b>	173B-040 <b>1210.59</b>	1	0	620

**PVC Clear - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005CLSR <b>97.94</b>	173B-005CLSR <b>102.53</b>	1	8	621
<b>3/4</b>	172B-007CLSR <b>114.78</b>	173B-007CLSR <b>122.45</b>	1	8	621
<b>1</b>	172B-010CLSR <b>139.27</b>	173B-010CLSR <b>146.93</b>	1	4	621
<b>1-1/4</b>	172B-012CLSR <b>189.77</b>	173B-012CLSR <b>200.48</b>	2	0	621
<b>1-1/2</b>	172B-015CLSR <b>232.62</b>	173B-015CLSR <b>243.34</b>	1	0	621
<b>2</b>	172B-020CLSR <b>327.51</b>	173B-020CLSR <b>344.35</b>	1	0	621
<b>3</b>	172B-030CLSR <b>703.98</b>	173B-030CLSR <b>762.14</b>	1	0	621
<b>4</b>	172B-040CLSR <b>1163.12</b>	173B-040CLSR <b>1262.61</b>	1	0	621

**PVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005SR <b>97.94</b>	173B-005SR <b>102.53</b>	1	8	620
<b>3/4</b>	172B-007SR <b>114.78</b>	173B-007SR <b>122.45</b>	1	8	620
<b>1</b>	172B-010SR <b>139.27</b>	173B-010SR <b>146.93</b>	1	4	620
<b>1-1/4</b>	172B-012SR <b>189.77</b>	173B-012SR <b>200.48</b>	1	0	620
<b>1-1/2</b>	172B-015SR <b>232.62</b>	173B-015SR <b>243.34</b>	1	0	620
<b>2</b>	172B-020SR <b>327.51</b>	173B-020SR <b>344.35</b>	1	0	620
<b>3</b>	172B-030SR <b>703.98</b>	173B-030SR <b>762.14</b>	1	0	620
<b>4</b>	172B-040SR <b>1163.12</b>	173B-040SR <b>1262.61</b>	1	0	620

**PVC Clear - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172A-005CL <b>94.88</b>	173A-005CL <b>99.48</b>	1	8	621
<b>3/4</b>	172A-007CL <b>110.18</b>	173A-007CL <b>116.31</b>	1	8	621
<b>1</b>	172A-010CL <b>131.62</b>	173A-010CL <b>140.80</b>	1	4	621
<b>1-1/4</b>	172A-012CL <b>160.68</b>	173A-012CL <b>176.01</b>	2	0	621
<b>1-1/2</b>	172A-015CL <b>214.26</b>	173A-015CL <b>226.50</b>	2	0	621
<b>2</b>	172A-020CL <b>303.03</b>	173A-020CL <b>324.46</b>	1	0	621
<b>3</b>	172A-030CL <b>655.02</b>	173A-030CL <b>711.66</b>	1	0	621
<b>4</b>	172A-040CL <b>1112.62</b>	173A-040CL <b>1210.59</b>	1	0	621

**Schedule 80 PVC Industrial Products & Accessories  
In-line Tee-Style Filters**



Socket/Spigot

All Filters are 2-1/2"x 2-1/2"  
Inlet/Outlet Connection

Note: 2-1/2" Socket is also a 3" Spigot

Pressure Rating @ 73°F (23°C), Water  
200 psi

**Mesh Size Codes**

Mesh Size	Size Code
1/16" Holes	16
1/32" Holes	32
50 Mesh	50
76 Mesh	76
100 Mesh	100
150 Mesh	150
200 Mesh	200

Note: Standard flow filtration path is internal to external. Reverse-flow filtration flows from external to internal side of filter screen.

**100 GPM PVC Gray Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Stainless Steel Screen</b>					
<b>16</b>	TF2-16 686.07	TF3-16 737.06	1	0	295
<b>32</b>	TF2-32 701.54	TF3-32 753.73	1	0	295
<b>50</b>	TF2-50 795.05	TF3-50 900.04	1	0	295
<b>76</b>	TF2-76 960.34	TF3-76 1031.82	1	0	295
<b>100</b>	TF2-100 872.94	TF3-100 937.84	1	0	295
<b>150</b>	TF2-150 904.18	TF3-150 971.35	1	0	295
<b>200</b>	TF2-200 982.23	TF3-200 1055.22	1	0	295

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**50 GPM PVC Gray Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Stainless Steel Screen</b>					
<b>16</b>	MTF2-16 576.82	MTF3-16 619.66	1	0	295
<b>32</b>	MTF2-32 586.16	MTF3-32 629.78	1	0	295
<b>50</b>	MTF2-50 604.83	MTF3-50 649.82	1	0	295
<b>76</b>	MTF2-76 732.61	MTF3-76 787.11	1	0	295
<b>100</b>	MTF2-100 639.11	MTF3-100 686.55	1	0	295
<b>150</b>	MTF2-150 670.34	MTF3-150 720.21	1	0	295
<b>200</b>	MTF2-200 748.22	MTF3-200 803.94	1	0	295

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**100 GPM PVC Gray Reverse Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Stainless Steel Screen</b>					
<b>16</b>	TF2-16 686.07	TF3-16 737.06	1	0	295
<b>32</b>	TF2-32 701.54	TF3-32 753.73	1	0	295
<b>50</b>	TFR2-50 795.05	TFR3-50 854.13	1	0	295
<b>76</b>	TFR2-76 960.34	TFR3-76 1031.82	1	0	295
<b>100</b>	TFR2-100 872.94	TFR3-100 937.84	1	0	295
<b>150</b>	TFR2-150 904.18	TFR3-150 971.35	1	0	295
<b>200</b>	TFR2-200 982.23	TFR3-200 1055.22	1	0	295

**100 GPM PVC Gray Reverse Tee Filter (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Stainless Steel Screen</b>					
Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.					
<b>50 GPM PVC Gray Reverse Tee Filter</b>					
Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	MTF2-16 576.82	MTF3-16 619.66	1	0	295
<b>32</b>	MTF2-32 586.16	MTF3-32 629.78	1	0	295
<b>50</b>	MTFR2-50 604.83	MTFR3-50 649.82	1	0	295
<b>76</b>	MTFR2-76 732.61	MTFR3-76 787.11	1	0	295
<b>100</b>	MTFR2-100 639.11	MTFR3-100 686.55	1	0	295
<b>150</b>	MTFR2-150 670.34	MTFR3-150 720.21	1	0	295
<b>200</b>	MTFR2-200 748.22	MTFR3-200 803.94	1	0	295

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**50 GPM Filter Replacement Screens for MTF Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFL-50-1	50 Mesh	3	0	020	239.71
MFL-76-1	76 Mesh	3	0	020	340.38
MFL-100-1	100 Mesh	3	0	020	263.69
MFL-150-1	150 Mesh	3	0	020	292.46
MFL-200-1	200 Mesh	3	0	020	359.54

NOTE: When ordering replacement screens for MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**100 GPM Reverse Flow Filter Replacement Screens for TFR Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FLR-50-1	50 Mesh	3	0	020	231.22
FLR-76-1	76 Mesh	3	0	020	450.65
FLR-100-1	100 Mesh	3	0	020	320.17
FLR-150-1	150 Mesh	3	0	020	364.34
FLR-200-1	200 Mesh	3	0	020	450.89

**50 GPM Reverse Flow Filter Replacement Screens for MTFR Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94



Schedule 80 PVC Industrial Products & Accessories  
In-line Tee-Style Filters

**50 GPM Reverse Flow Filter Replacement Screens for  
MTFR Filters (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFLR-50-1	<b>50 Mesh</b>	3	0	020	243.40
MFLR-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFLR-100-1	<b>100 Mesh</b>	3	0	020	250.49
MFLR-150-1	<b>150 Mesh</b>	3	0	020	277.82
MFLR-200-1	<b>200 Mesh</b>	3	0	020	341.55



**Schedule 80 PVC Industrial Products & Accessories  
Y-Strainers**



Socket



Flanged



SR Thread



True Union

Part numbers shown reflect a mesh size of 8. For different mesh sizes, substitute Mesh Code in part number as specified in chart below.

U.S. Standard Mesh Sieve No.	Sieve Opening Size (in.)	Part Number Mesh Code
8	0.094	8
12	0.062	12
20	0.033	20
30	0.024	30

Example: for 12 Mesh, specify

YS22P12-005

Additional Mesh Sizes available on request.

**Pressure Rating @ 73°F (23°C), Water**

1/2" - 2"            150 psi

3" - 4"             90 psi

**Maximum Service Temperature**

PVC = 140°F (60°C)

**Temperature/Pressure  
De-ratings Apply**



**Schedule 80 PVC Industrial Products & Accessories  
Y-Strainers**

**PVC - Socket Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS22P8-005 82.69	YS22S8-005 163.63	YS32P8-005 90.31	YS32S8-005 179.79	1	18	102
3/4	YS22P8-007 92.39	YS22S8-007 187.12	YS32P8-007 101.81	YS32S8-007 211.04	1	18	102
1	YS22P8-010 101.59	YS22S8-010 221.97	YS32P8-010 111.85	YS32S8-010 244.04	1	12	102
1-1/4	YS22P8-012 172.03	YS22S8-012 320.26	YS32P8-012 191.16	YS32S8-012 353.10	1	8	102
1-1/2	YS22P8-015 182.02	YS22S8-015 341.39	YS32P8-015 202.27	YS32S8-015 374.87	1	8	102
2	YS22P8-020 213.82	YS22S8-020 385.61	YS32P8-020 237.55	YS32S8-020 428.44	1	4	102
3	YS22P8-030 492.79	YS22S8-030 665.73	YS32P8-030 529.53	YS32S8-030 702.47	1	0	102
4	YS22P8-040 861.63	YS22S8-040 1078.95	YS32P8-040 927.45	YS32S8-040 1144.74	1	0	102

**PVC - SR Threaded Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS21P8-005SR 87.14	YS21S8-005SR 168.09	YS31P8-005SR 94.73	YS31S8-005SR 184.23	1	18	102
3/4	YS21P8-007SR 98.80	YS21S8-007SR 193.52	YS31P8-007SR 108.20	YS31S8-007SR 217.49	1	12	102
1	YS21P8-010SR 111.10	YS21S8-010SR 231.51	YS31P8-010SR 121.37	YS31S8-010SR 253.59	1	8	102
1-1/4	YS21P8-012SR 187.55	YS21S8-012SR 335.78	YS31P8-012SR 206.69	YS31S8-012SR 368.61	1	8	102
1-1/2	YS21P8-015SR 201.09	YS21S8-015SR 360.47	YS31P8-015SR 221.29	YS31S8-015SR 394.05	1	4	102
2	YS21P8-020SR 246.99	YS21S8-020SR 418.78	YS31P8-020SR 270.74	YS31S8-020SR 461.63	1	0	102
3	YS21P8-030SR 534.28	YS21S8-030SR 707.06	YS31P8-030SR 570.86	YS31S8-030SR 1056.17	1	0	102
4	YS21P8-040SR 904.48	YS21S8-040SR 1121.80	YS31P8-040SR 970.28	YS31S8-040SR 1187.62	1	0	102

**PVC - Flanged Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS23P8-005 135.16	YS23S8-005 228.61	YS33P8-005 150.03	YS33S8-005 298.77	1	8	102
3/4	YS23P8-007 143.59	YS23S8-007 261.04	YS33P8-007 155.71	YS33S8-007 342.41	1	8	102
1	YS23P8-010 153.32	YS23S8-010 288.54	YS33P8-010 167.02	YS33S8-010 400.97	1	8	102
1-1/4	YS23P8-012 245.78	YS23S8-012 422.85	YS33P8-012 267.96	YS33S8-012 574.54	1	4	102
1-1/2	YS23P8-015 273.89	YS23S8-015 457.01	YS33P8-015 304.12	YS33S8-015 616.53	1	4	102
2	YS23P8-020 344.35	YS23S8-020 544.33	YS33P8-020 377.84	YS33S8-020 700.41	1	0	102
3	YS23P8-030 760.63	YS23S8-030 933.55	YS33P8-030 817.23	YS33S8-030 990.64	1	0	102
4	YS23P8-040 1225.87	YS23S8-040 1443.20	YS33P8-040 1317.70	YS33S8-040 1535.00	1	0	102

**PVC Clear - Socket Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS22P8-005CL 82.69	YS22S8-005CL 163.63	YS32P8-005CL 90.31	YS32S8-005CL 179.79	1	18	103
3/4	YS22P8-007CL 92.39	YS22S8-007CL 187.12	YS32P8-007CL 101.81	YS32S8-007CL 211.04	1	18	103
1	YS22P8-010CL 101.59	YS22S8-010CL 221.97	YS32P8-010CL 111.85	YS32S8-010CL 244.04	1	12	103
1-1/4	YS22P8-012CL 172.03	YS22S8-012CL 320.26	YS32P8-012CL 191.16	YS32S8-012CL 353.10	1	8	103
1-1/2	YS22P8-015CL 182.02	YS22S8-015CL 341.39	YS32P8-015CL 202.27	YS32S8-015CL 374.87	1	8	103
2	YS22P8-020CL 213.82	YS22S8-020CL 417.62	YS32P8-020CL 237.55	YS32S8-020CL 428.44	1	4	103
3	YS22P8-030CL 492.79	YS22S8-030CL 665.73	YS32P8-030CL 529.53	YS32S8-030CL 702.47	1	0	103
4	YS22P8-040CL 861.63	YS22S8-040CL 1078.95	YS32P8-040CL 927.45	YS32S8-040CL 1144.74	1	0	103

**Schedule 80 PVC Industrial Products & Accessories  
Y-Strainers & True Union Y-Strainers**



**PVC Clear - SR Threaded Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS21P8-005CLSR 87.14	YS21S8-005CLSR 168.09	YS31P8-005CLSR 94.73	YS31S8-005CLSR 184.23	1	18	103
3/4	YS21P8-007CLSR 98.80	YS21S8-007CLSR 193.52	YS31P8-007CLSR 108.20	YS31S8-007CLSR 217.49	1	12	103
1	YS21P8-010CLSR 111.10	YS21S8-010CLSR 231.51	YS31P8-010CLSR 121.37	YS31S8-010CLSR 253.59	1	8	103
1-1/4	YS21P8-012CLSR 187.55	YS21S8-012CLSR 335.78	YS31P8-012CLSR 206.69	YS31S8-012CLSR 368.61	1	8	103
1-1/2	YS21P8-015CLSR 201.09	YS21S8-015CLSR 360.47	YS31P8-015CLSR 221.29	YS31S8-015CLSR 394.05	1	4	103
2	YS21P8-020CLSR 246.99	YS21S8-020CLSR 418.78	YS31P8-020CLSR 270.74	YS31S8-020CLSR 461.63	1	0	103
3	YS21P8-030CLSR 534.28	YS21S8-030CLSR 707.06	YS31P8-030CLSR 570.86	YS31S8-030CLSR 743.78	1	0	103
4	YS21P8-040CLSR 904.48	YS21S8-040CLSR 1121.80	YS31P8-040CLSR 970.28	YS31S8-040CLSR 1187.62	1	0	103

**PVC Clear - Flanged Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS23P8-005CL 135.16	YS23S8-005CL 228.61	YS33P8-005CL 150.03	YS33S8-005CL 298.77	1	8	103
3/4	YS23P8-007CL 143.59	YS23S8-007CL 261.04	YS33P8-007CL 155.71	YS33S8-007CL 342.41	1	8	103
1	YS23P8-010CL 153.32	YS23S8-010CL 288.54	YS33P8-010CL 167.02	YS33S8-010CL 400.97	1	8	103
1-1/4	YS23P8-012CL 245.78	YS23S8-012CL 422.85	YS33P8-012CL 267.96	YS33S8-012CL 574.54	1	4	103
1-1/2	YS23P8-015CL 273.89	YS23S8-015CL 457.01	YS33P8-015CL 304.12	YS33S8-015CL 616.53	1	4	103
2	YS23P8-020CL 344.35	YS23S8-020CL 544.33	YS33P8-020CL 377.84	YS33S8-020CL 700.41	1	0	103
3	YS23P8-030CL 760.63	YS23S8-030CL 933.55	YS33P8-030CL 817.23	YS33S8-030CL 990.64	1	0	103
4	YS23P8-040CL 1225.87	YS23S8-040CL 1443.20	YS33P8-040CL 1317.70	YS33S8-040CL 1535.00	1	0	103

**PVC Gray - True Union Socket Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS2AP8-005 87.05	YS2AS8-005 172.23	YS3AP8-005 95.07	YS3AS8-005 189.26	1	12	102
3/4	YS2AP8-007 97.24	YS2AS8-007 196.96	YS3AP8-007 107.16	YS3AS8-007 222.17	1	8	102
1	YS2AP8-010 106.91	YS2AS8-010 233.66	YS3AP8-010 117.71	YS3AS8-010 256.91	1	8	102
1-1/4	YS2AP8-012 181.09	YS2AS8-012 337.72	YS3AP8-012 201.23	YS3AS8-012 371.66	1	4	102
1-1/2	YS2AP8-015 191.62	YS2AS8-015 359.36	YS3AP8-015 212.90	YS3AS8-015 394.62	1	0	102
2	YS2AP8-020 225.06	YS2AS8-020 405.88	YS3AP8-020 250.07	YS3AS8-020 451.00	1	0	102
3	YS2AP8-030 518.74	YS2AS8-030 700.76	YS3AP8-030 557.39	YS3AS8-030 739.44	1	0	102
4	YS2AP8-040 906.98	YS2AS8-040 1135.74	YS3AP8-040 976.23	YS3AS8-040 1205.00	1	0	102

**PVC Gray - True Union Threaded Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS2BP8-005 87.05	YS2BS8-005 172.23	YS3BP8-005 95.07	YS3BS8-005 189.26	1	12	102
3/4	YS2BP8-007 97.24	YS2BS8-007 196.96	YS3BP8-007 107.16	YS3BS8-007 222.17	1	8	102
1	YS2BP8-010 106.91	YS2BS8-010 233.66	YS3BP8-010 117.71	YS3BS8-010 256.91	1	8	102
1-1/4	YS2BP8-012 181.09	YS2BS8-012 337.72	YS3BP8-012 201.23	YS3BS8-012 371.66	1	4	102
1-1/2	YS2BP8-015 191.62	YS2BS8-015 359.36	YS3BP8-015 212.90	YS3BS8-015 394.62	1	0	102
2	YS2BP8-020 225.06	YS2BS8-020 405.88	YS3BP8-020 250.07	YS3BS8-020 451.00	1	0	102
3	YS2BP8-030 518.74	YS2BS8-030 700.76	YS3BP8-030 557.39	YS3BS8-030 739.44	1	0	102



**Schedule 80 PVC Industrial Products & Accessories  
True Union Y-Strainers**

**PVC Gray - True Union Threaded Ends (continued)**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>4</b>	YS2BP8-040 <b>906.98</b>	YS2BS8-040 <b>1135.74</b>	YS3BP8-040 <b>976.23</b>	YS3BS8-040 <b>1205.00</b>	1	0	102

**PVC Gray - True Union SR Threaded Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005SR <b>91.71</b>	YS2BS8-005SR <b>176.91</b>	YS3BP8-005SR <b>99.74</b>	YS3BS8-005SR <b>193.95</b>	1	12	102
<b>3/4</b>	YS2BP8-007SR <b>104.02</b>	YS2BS8-007SR <b>203.71</b>	YS3BP8-007SR <b>113.89</b>	YS3BS8-007SR <b>228.93</b>	1	8	102
<b>1</b>	YS2BP8-010SR <b>116.93</b>	YS2BS8-010SR <b>243.66</b>	YS3BP8-010SR <b>127.73</b>	YS3BS8-010SR <b>266.93</b>	1	8	102
<b>1-1/4</b>	YS2BP8-012SR <b>197.41</b>	YS2BS8-012SR <b>353.45</b>	YS3BP8-012SR <b>217.56</b>	YS3BS8-012SR <b>388.00</b>	1	4	102
<b>1-1/2</b>	YS2BP8-015SR <b>211.66</b>	YS2BS8-015SR <b>379.44</b>	YS3BP8-015SR <b>232.95</b>	YS3BS8-015SR <b>414.79</b>	1	0	102
<b>2</b>	YS2BP8-020SR <b>259.98</b>	YS2BS8-020SR <b>440.81</b>	YS3BP8-020SR <b>285.00</b>	YS3BS8-020SR <b>485.94</b>	1	0	102
<b>3</b>	YS2BP8-030SR <b>562.23</b>	YS2BS8-030SR <b>744.27</b>	YS3BP8-030SR <b>600.88</b>	YS3BS8-030SR <b>782.94</b>	1	0	102
<b>4</b>	YS2BP8-040SR <b>952.11</b>	YS2BS8-040SR <b>1180.85</b>	YS3BP8-040SR <b>1021.37</b>	YS3BS8-040SR <b>1250.12</b>	1	0	102

**PVC Clear - True Union Socket Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2AP8-005CL <b>87.05</b>	YS2AS8-005CL <b>172.23</b>	YS3AP8-005CL <b>95.07</b>	YS3AS8-005CL <b>189.26</b>	1	12	103
<b>3/4</b>	YS2AP8-007CL <b>97.24</b>	YS2AS8-007CL <b>196.96</b>	YS3AP8-007CL <b>107.16</b>	YS3AS8-007CL <b>222.17</b>	1	8	103
<b>1</b>	YS2AP8-010CL <b>106.91</b>	YS2AS8-010CL <b>233.66</b>	YS3AP8-010CL <b>117.71</b>	YS3AS8-010CL <b>256.91</b>	1	8	103
<b>1-1/4</b>	YS2AP8-012CL <b>181.09</b>	YS2AS8-012CL <b>337.12</b>	YS3AP8-012CL <b>201.23</b>	YS3AS8-012CL <b>371.66</b>	1	4	103
<b>1-1/2</b>	YS2AP8-015CL <b>191.62</b>	YS2AS8-015CL <b>359.36</b>	YS3AP8-015CL <b>212.90</b>	YS3AS8-015CL <b>394.62</b>	1	0	103
<b>2</b>	YS2AP8-020CL <b>225.06</b>	YS2AS8-020CL <b>405.88</b>	YS3AP8-020CL <b>250.07</b>	YS3AS8-020CL <b>451.00</b>	1	0	103
<b>3</b>	YS2AP8-030CL <b>518.74</b>	YS2AS8-030CL <b>700.76</b>	YS3AP8-030CL <b>557.39</b>	YS3AS8-030CL <b>739.44</b>	1	0	103
<b>4</b>	YS2AP8-040CL <b>906.98</b>	YS2AS8-040CL <b>1135.74</b>	YS3AP8-040CL <b>976.23</b>	YS3AS8-040CL <b>1205.00</b>	1	0	103

**PVC Clear - True Union Threaded Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005CL <b>87.05</b>	YS2BS8-005CL <b>172.23</b>	YS3BP8-005CL <b>95.07</b>	YS3BS8-005CL <b>189.26</b>	1	12	103
<b>3/4</b>	YS2BP8-007CL <b>97.24</b>	YS2BS8-007CL <b>196.96</b>	YS3BP8-007CL <b>107.16</b>	YS3BS8-007CL <b>222.17</b>	1	8	103
<b>1</b>	YS2BP8-010CL <b>106.91</b>	YS2BS8-010CL <b>233.67</b>	YS3BP8-010CL <b>117.71</b>	YS3BS8-010CL <b>256.91</b>	1	8	103
<b>1-1/4</b>	YS2BP8-012CL <b>181.09</b>	YS2BS8-012CL <b>337.12</b>	YS3BP8-012CL <b>201.23</b>	YS3BS8-012CL <b>371.66</b>	1	4	103
<b>1-1/2</b>	YS2BP8-015CL <b>191.62</b>	YS2BS8-015CL <b>359.36</b>	YS3BP8-015CL <b>212.90</b>	YS3BS8-015CL <b>394.62</b>	1	0	103
<b>2</b>	YS2BP8-020CL <b>225.06</b>	YS2BS8-020CL <b>405.88</b>	YS3BP8-020CL <b>250.07</b>	YS3BS8-020CL <b>451.00</b>	1	0	103
<b>3</b>	YS2BP8-030CL <b>518.74</b>	YS2BS8-030CL <b>700.76</b>	YS3BP8-030CL <b>557.39</b>	YS3BS8-030CL <b>739.44</b>	1	0	103
<b>4</b>	YS2BP8-040CL <b>906.98</b>	YS2BS8-040CL <b>1135.74</b>	YS3BP8-040CL <b>976.23</b>	YS3BS8-040CL <b>1205.00</b>	1	0	103

**PVC Clear - True Union SR Threaded Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005CLSR <b>91.71</b>	YS2BS8-005CLSR <b>176.91</b>	YS3BP8-005CLSR <b>99.74</b>	YS3BS8-005CLSR <b>193.95</b>	1	12	103
<b>3/4</b>	YS2BP8-007CLSR <b>104.02</b>	YS2BS8-007CLSR <b>203.71</b>	YS3BP8-007CLSR <b>113.89</b>	YS3BS8-007CLSR <b>228.93</b>	1	8	103
<b>1</b>	YS2BP8-010CLSR <b>116.93</b>	YS2BS8-010CLSR <b>243.66</b>	YS3BP8-010CLSR <b>127.73</b>	YS3BS8-010CLSR <b>266.93</b>	1	8	103
<b>1-1/4</b>	YS2BP8-012CLSR <b>197.41</b>	YS2BS8-012CLSR <b>353.45</b>	YS3BP8-012CLSR <b>217.56</b>	YS3BS8-012CLSR <b>388.00</b>	1	4	103
<b>1-1/2</b>	YS2BP8-015CLSR <b>211.66</b>	YS2BS8-015CLSR <b>379.44</b>	YS3BP8-015CLSR <b>232.95</b>	YS3BS8-015CLSR <b>414.79</b>	1	0	103

**Schedule 80 PVC Industrial Products & Accessories  
True Union Y-Strainers**



**PVC Clear - True Union SR Threaded Ends (continued)**

<b>Size</b>	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>2</b>	YS2BP8-020CLSR <b>259.98</b>	YS2BS8-020CLSR <b>440.81</b>	YS3BP8-020CLSR <b>285.00</b>	YS3BS8-020CLSR <b>485.94</b>	1	0	103
<b>3</b>	YS2BP8-030CLSR <b>562.23</b>	YS2BS8-030CLSR <b>744.27</b>	YS3BP8-030CLSR <b>600.88</b>	YS3BS8-030CLSR <b>782.94</b>	1	0	103
<b>4</b>	YS2BP8-040CLSR <b>952.11</b>	YS2BS8-040CLSR <b>1180.85</b>	YS3BP8-040CLSR <b>1021.37</b>	YS3BS8-040CLSR <b>1250.12</b>	1	0	103



## Schedule 80 PVC Industrial Products & Accessories Basket Strainers



Pressure Rating @ 73°F (23°C), Water	
1/2"-8"	150 psi
10"-12"	50 psi

Maximum Service  
Temperature  
  
PVC = 140°F (60°C)

Temperature/Pressure  
De-ratings Apply

**Important Ordering Information** - Column headings indicate Elastomer seal type and Strainer Basket screen material. All Part Numbers shown designate 1/8" perforated (#6 Mesh Code) Strainer Basket Screens. To order other screen perforation sizing, replace the number "6" preceding the dash-separator with the corresponding Mesh Code from chart. Pricing is the same for all listed Mesh Codes.

Perforation Size	Mesh Code
1/16"	12
3/32"	8
1/8"	6
3/16"	4
1/4"	3
3/8"	2

**Example:** To order a 1/16" screen perforation in listed part number BS22P6-020, change the part number to BS22P**12**-020

Contact Spears® for additional perforations & wire mesh sizes

### PVC - Socket Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS22P6-005 <b>386.71</b>	BS22S6-005 <b>618.43</b>	BS32P6-005 <b>407.06</b>	BS32S6-005 <b>638.78</b>	1	2	295
<b>3/4</b>	BS22P6-007 <b>386.71</b>	BS22S6-007 <b>618.43</b>	BS32P6-007 <b>407.06</b>	BS32S6-007 <b>638.78</b>	1	2	295
<b>1</b>	BS22P6-010 <b>386.71</b>	BS22S6-010 <b>618.43</b>	BS32P6-010 <b>407.06</b>	BS32S6-010 <b>638.78</b>	1	2	295
<b>1-1/4</b>	BS22P6-012 <b>708.31</b>	BS22S6-012 <b>1016.26</b>	BS32P6-012 <b>795.65</b>	BS32S6-012 <b>1142.12</b>	1	0	295
<b>1-1/2</b>	BS22P6-015 <b>708.31</b>	BS22S6-015 <b>1016.26</b>	BS32P6-015 <b>795.65</b>	BS32S6-015 <b>1142.12</b>	1	0	295
<b>2</b>	BS22P6-020 <b>708.31</b>	BS22S6-020 <b>1016.26</b>	BS32P6-020 <b>795.65</b>	BS32S6-020 <b>1142.12</b>	1	0	295
<b>2-1/2</b>	BS22P6-025 <b>1339.59</b>	BS22S6-025 <b>1874.63</b>	BS32P6-025 <b>1505.88</b>	BS32S6-025 <b>2106.39</b>	1	0	295
<b>3</b>	BS22P6-030 <b>1634.47</b>	BS22S6-030 <b>2168.95</b>	BS32P6-030 <b>1836.53</b>	BS32S6-030 <b>2437.06</b>	1	0	295
<b>4</b>	BS22P6-040 <b>2164.52</b>	BS22S6-040 <b>2779.24</b>	BS32P6-040 <b>2432.03</b>	BS32S6-040 <b>3114.18</b>	1	0	295
<b>6</b>	BS22P6-060 <b>3090.12</b>	BS22S6-060 <b>4153.51</b>	BS32P6-060 <b>3472.16</b>	BS32S6-060 <b>4672.60</b>	1	0	295
<b>8</b>	BS22P6-080 <b>4118.85</b>	BS22S6-080 <b>5564.30</b>	BS32P6-080 <b>4628.90</b>	BS32S6-080 <b>6253.35</b>	1	0	295
<b>10</b>	BS22P6-100 <b>7893.20</b>	BS22S6-100 <b>9958.39</b>	BS32P6-100 <b>8632.28</b>	BS32S6-100 <b>10951.54</b>	1	0	295
<b>12</b>	BS22P6-120 <b>9779.41</b>	BS22S6-120 <b>12527.86</b>	BS32P6-120 <b>10755.21</b>	BS32S6-120 <b>13840.53</b>	1	0	295

### PVC - Flanged Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS23P6-005 <b>445.77</b>	BS23S6-005 <b>677.48</b>	BS33P6-005 <b>468.12</b>	BS33S6-005 <b>699.84</b>	1	0	295
<b>3/4</b>	BS23P6-007 <b>445.77</b>	BS23S6-007 <b>677.48</b>	BS33P6-007 <b>468.12</b>	BS33S6-007 <b>699.84</b>	1	0	295
<b>1</b>	BS23P6-010 <b>445.77</b>	BS23S6-010 <b>677.48</b>	BS33P6-010 <b>468.12</b>	BS33S6-010 <b>699.84</b>	1	0	295
<b>1-1/4</b>	BS23P6-012 <b>842.03</b>	BS23S6-012 <b>1150.96</b>	BS33P6-012 <b>946.95</b>	BS33S6-012 <b>1293.41</b>	1	0	295
<b>1-1/2</b>	BS23P6-015 <b>842.03</b>	BS23S6-015 <b>1126.73</b>	BS33P6-015 <b>946.95</b>	BS33S6-015 <b>1293.41</b>	1	0	295
<b>2</b>	BS23P6-020 <b>842.03</b>	BS23S6-020 <b>1150.96</b>	BS33P6-020 <b>946.95</b>	BS33S6-020 <b>1293.41</b>	1	0	295



**Schedule 80 PVC Industrial Products & Accessories  
Basket Strainers**



**PVC - Flanged Ends (continued)**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	BS23P6-025 <b>1545.52</b>	BS23S6-025 <b>2080.03</b>	BS33P6-025 <b>1736.66</b>	BS33S6-025 <b>2337.17</b>	1	0	295
<b>3</b>	BS23P6-030 <b>1962.23</b>	BS23S6-030 <b>2495.96</b>	BS33P6-030 <b>2204.74</b>	BS33S6-030 <b>2804.29</b>	1	0	295
<b>4</b>	BS23P6-040 <b>2557.34</b>	BS23S6-040 <b>3165.56</b>	BS33P6-040 <b>2873.57</b>	BS33S6-040 <b>3556.85</b>	1	0	295
<b>6</b>	BS23P6-060 <b>5458.09</b>	BS23S6-060 <b>6521.29</b>	BS33P6-060 <b>6132.66</b>	BS33S6-060 <b>7327.32</b>	1	0	295
<b>8</b>	BS23P6-080 <b>7192.60</b>	BS23S6-080 <b>8638.06</b>	BS33P6-080 <b>8081.84</b>	BS33S6-080 <b>9706.24</b>	1	0	295
<b>10</b>	BS23P6-100 <b>9589.24</b>	BS23S6-100 <b>11654.27</b>	BS33P6-100 <b>10774.48</b>	BS33S6-100 <b>13094.70</b>	1	0	295
<b>12</b>	BS23P6-120 <b>13121.45</b>	BS23S6-120 <b>15871.65</b>	BS33P6-120 <b>14743.20</b>	BS33S6-120 <b>17833.31</b>	1	0	295

**PVC - Spigot Ends**

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS27P6-005 <b>386.71</b>	BS27S6-005 <b>618.43</b>	BS37P6-005 <b>407.06</b>	BS37S6-005 <b>638.78</b>	1	0	295
<b>3/4</b>	BS27P6-007 <b>386.71</b>	BS27S6-007 <b>618.43</b>	BS37P6-007 <b>407.06</b>	BS37S6-007 <b>638.78</b>	1	0	295
<b>1</b>	BS27P6-010 <b>386.71</b>	BS27S6-010 <b>618.43</b>	BS37P6-010 <b>407.06</b>	BS37S6-010 <b>638.78</b>	1	0	295
<b>1-1/4</b>	BS27P6-012 <b>708.31</b>	BS27S6-012 <b>1016.26</b>	BS37P6-012 <b>795.65</b>	BS37S6-012 <b>1142.12</b>	1	0	295
<b>1-1/2</b>	BS27P6-015 <b>708.31</b>	BS27S6-015 <b>1016.26</b>	BS37P6-015 <b>795.65</b>	BS37S6-015 <b>1142.12</b>	1	0	295
<b>2</b>	BS27P6-020 <b>708.31</b>	BS27S6-020 <b>1016.26</b>	BS37P6-020 <b>795.65</b>	BS37S6-020 <b>1142.12</b>	1	0	295
<b>2-1/2</b>	BS27P6-025 <b>1339.59</b>	BS27S6-025 <b>1874.65</b>	BS37P6-025 <b>1505.88</b>	BS37S6-025 <b>2106.39</b>	1	0	295
<b>3</b>	BS27P6-030 <b>1634.47</b>	BS27S6-030 <b>2168.95</b>	BS37P6-030 <b>1836.53</b>	BS37S6-030 <b>2437.06</b>	1	0	295
<b>4</b>	BS27P6-040 <b>2164.52</b>	BS27S6-040 <b>2779.24</b>	BS37P6-040 <b>2432.03</b>	BS37S6-040 <b>3114.18</b>	1	0	295
<b>6</b>	BS27P6-060 <b>3090.12</b>	BS27S6-060 <b>4153.51</b>	BS37P6-060 <b>3472.16</b>	BS37S6-060 <b>4672.60</b>	1	0	295
<b>8</b>	BS27P6-080 <b>4118.85</b>	BS27S6-080 <b>5564.30</b>	BS37P6-080 <b>4628.90</b>	BS37S6-080 <b>6253.35</b>	1	0	295
<b>10</b>	BS27P6-100 <b>7893.20</b>	BS27S6-100 <b>9958.39</b>	BS37P6-100 <b>8632.28</b>	BS37S6-100 <b>10951.54</b>	1	0	295
<b>12</b>	BS27P6-120 <b>9779.41</b>	BS27S6-120 <b>12527.86</b>	BS37P6-120 <b>10755.21</b>	BS37S6-120 <b>13840.53</b>	1	0	295



## Schedule 80 PVC Industrial Products & Accessories Suction Strainers



Pressure Rating @ 73°F (23°C), Water  
50 psi

Maximum Service Temperature  
PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply

Suction Strainer is a special Basket Strainer design that reduces pressure drop, a critical element in suction line applications. While same-size (inlet/outlet) units are available, enlarged inlet on reducing sizes performs best in suction line applications. The internal Strainer Basket is bottom-drained for direct flushing through a 360° adjustable side mounted Discharge Valve Assembly (included). Bolt-on Bonnet is fitted with Top Sight-Glass.

Standard units listed have EPDM Seals and Stainless Steel 3/16" Perforated Screen (4-mesh). Contact Spears® for other Mesh Code or Elastomer seal options required.

### PVC Suction Strainer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Flanged End</b>					
SS23BS4SG-040	4	1	0	295	2831.29
SS23BS4SG-420	4X2	1	0	295	2697.00
SS23BS4SG-421	4X2-1/2	1	0	295	2707.55
SS23BS4SG-422	4X3	1	0	295	2714.44
SS23BS4SG-060	6	1	0	295	3693.15
SS23BS4SG-532	6X4	1	0	295	3567.91
SS23BS4SG-080	8	1	0	295	4056.43
SS23BS4SG-582	8X4	1	0	295	3688.55
SS23BS4SG-585	8X6	1	0	295	3709.95
SS23BS4SG-100	10	1	0	295	4537.73
SS23BS4SG-626	10X6	1	0	295	4416.21
SS23BS4SG-628	10X8	1	0	295	4466.51
SS23BS4SG-120	12	1	0	295	4989.30
SS23BS4SG-668	12X8	1	0	295	4868.68
SS23BS4SG-670	12X10	1	0	295	4909.68

### Suction Strainer Stainless Steel Baskets 3/16" Perforation

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SSS4-040	4	1	4	299	785.17
SSS4-060	6	1	2	299	835.29
SSS4-080	8	1	2	299	1046.74
SSS4-100	10	1	0	299	1137.77
SSS4-120	12	1	2	299	1394.84

**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Industrial Pipe**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Schedule 40 Plain End**  
10' Lengths, Price Per Foot

**CPVC Schedule 80 Plain End**  
10' Lengths, Price Per Foot

List Price Per Foot

PD-400-001C-10	1/8	10	0	745	3.21
PD-400-002C-10	1/4	10	0	745	4.02
PD-400-003C-10	3/8	10	0	745	5.67
PD-400-005C-10	1/2	10	0	745	1.69
PD-400-007C-10	3/4	10	0	745	2.25
PD-400-010C-10	1	10	0	745	3.29
PD-400-012C-10	1-1/4	10	0	745	4.45
PD-400-015C-10	1-1/2	10	0	745	5.33
PD-400-020C-10	2	10	0	745	7.14
PD-400-025C-10	2-1/2	10	0	745	11.29
PD-400-030C-10	3	10	0	745	14.74
PD-400-040C-10	4	10	0	745	21.00
PD-400-060C-10	6	10	0	745	38.76
PD-400-080C-10	8	10	0	745	63.12
PD-400-100C-10	10	10	0	745	107.94
PD-400-120C-10	12	10	0	745	142.59

List Price Per Foot

PD-800-001C-10	1/8	10	0	745	3.98
PD-800-002C-10	1/4	10	0	745	4.59
PD-800-003C-10	3/8	10	0	745	6.25
PD-800-005C-10	1/2	10	0	745	1.98
PD-800-007C-10	3/4	10	0	745	2.69
PD-800-010C-10	1	10	0	745	3.96
PD-800-012C-10	1-1/4	10	0	745	5.45
PD-800-015C-10	1-1/2	10	0	745	6.62
PD-800-020C-10	2	10	0	745	9.17
PD-800-025C-10	2-1/2	10	0	745	13.98
PD-800-030C-10	3	10	0	745	18.74
PD-800-040C-10	4	10	0	745	27.40
PD-800-060C-10	6	10	0	745	53.32
PD-800-080C-10	8	10	0	745	88.43
PD-800-100C-10	10	10	0	745	160.37
PD-800-120C-10	12	10	0	745	220.46

**20' Lengths, Price Per Foot**

List Price Per Foot

PD-400-001C	1/8	20	0	745	3.21
PD-400-002C	1/4	20	0	745	4.02
PD-400-003C	3/8	20	0	745	5.67
PD-400-005C	1/2	20	0	745	1.69
PD-400-007C	3/4	20	0	745	2.25
PD-400-010C	1	20	0	745	3.29
PD-400-012C	1-1/4	20	0	745	4.45
PD-400-015C	1-1/2	20	0	745	5.33
PD-400-020C	2	20	0	745	7.14
PD-400-025C	2-1/2	20	0	745	11.29
PD-400-030C	3	20	0	745	14.74
PD-400-040C	4	20	0	745	21.00
PD-400-060C	6	20	0	745	38.76
PD-400-080C	8	20	0	745	63.12
PD-400-100C	10	20	0	745	107.94
PD-400-120C	12	20	0	745	142.59

**20' Lengths, Price Per Foot**

List Price Per Foot

PD-800-001C	1/8	20	0	745	3.98
PD-800-002C	1/4	20	0	745	4.59
PD-800-003C	3/8	20	0	745	6.25
PD-800-005C	1/2	20	0	745	1.98
PD-800-007C	3/4	20	0	745	2.69
PD-800-010C	1	20	0	745	3.96
PD-800-012C	1-1/4	20	0	745	5.45
PD-800-015C	1-1/2	20	0	745	6.62
PD-800-020C	2	20	0	745	9.17
PD-800-025C	2-1/2	20	0	745	13.98
PD-800-030C	3	20	0	745	18.74
PD-800-040C	4	20	0	745	27.40
PD-800-060C	6	20	0	745	53.32
PD-800-080C	8	20	0	745	88.43
PD-800-100C	10	20	0	745	160.37
PD-800-120C	12	20	0	745	220.46

- Pipe sold in individual lengths or lift quantities. No cut lengths.
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

- Pipe sold in individual lengths or lift quantities. No cut lengths.
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

ASTM D-1784 ASTM F-441		Schedule 40 CPVC Plain End Pipe				
Size	Max Work Pressure	Avg OD	Min Wall	10' Length Skid Quantity FT/Pieces	20' Length Skid Quantity FT/Pieces	Weight Per FT
1/8"	910	0.405	0.068	2850/285	5700/285	.056
1/4"	790	0.540	0.088	2850/285	5700/285	.096
3/8"	620	0.675	0.091	2850/285	5700/285	.128
1/2"	600	0.840	0.109	2430/243	4860/243	.185
3/4"	480	1.050	0.113	1540/154	3080/154	.246
1"	450	1.315	0.133	2520/252	5040/252	.362
1-1/4"	370	1.660	0.140	1230/123	2460/123	.489
1-1/2"	330	1.900	0.145	1720/172	3440/172	.585
2"	280	2.375	0.154	1230/123	2460/123	.783
2-1/2"	300	2.875	0.203	540/54	1080/54	1.237
3"	260	3.500	0.216	460/46	920/46	1.619
4"	220	4.500	0.237	340/34	680/34	2.306
6"	180	6.625	0.280	170/17	340/17	4.603
8"	160	8.625	0.322	90/9	180/9	6.136
10"	140	10.750	0.365	110/11	140/11	8.886
12"	130	12.750	0.406	80/8	100/5	11.751

ASTM D-1784 ASTM F-441		Schedule 80 CPVC Plain End Pipe				
Size	Max Work Pressure	Avg OD	Min Wall	10' Length Skid Quantity FT/Pieces	20' Length Skid Quantity FT/Pieces	Weight Per FT
1/8"	1230	0.405	0.095	2850/285	5700/285	.069
1/4"	1130	0.540	0.119	2850/285	5700/285	.117
3/8"	920	0.675	0.126	2850/285	5700/285	.162
1/2"	850	0.840	0.147	2430/243	4860/243	.231
3/4"	690	1.050	0.154	1540/154	3080/154	.314
1"	630	1.315	0.179	2520/252	5040/252	.462
1-1/4"	520	1.660	0.191	1230/123	2460/123	.636
1-1/2"	470	1.900	0.200	1720/172	3440/172	.773
2"	400	2.375	0.218	1230/123	2460/123	1.071
2-1/2"	420	2.875	0.276	540/54	1080/54	1.631
3"	370	3.500	0.300	460/46	920/46	2.187
4"	320	4.500	0.337	340/34	680/34	3.198
6"	280	6.625	0.432	170/17	340/17	6.106
8"	250	8.625	0.500	90/9	180/9	9.322
10"	230	10.750	0.593	110/11	140/11	14.095
12"	230	12.750	0.687	80/8	100/5	19.392



**Schedule 80 CPVC Industrial Products & Accessories  
CPVC Low VOC Cements**

Heavy bodied cements are specifically formulated for CPVC plastic pipe and fittings including a variety of One-Step (no primer required) CPVC specialty cements. These products are ideal for use in hot/cold water plumbing systems, water treatment and chemical plants, as well as industrial piping systems.

- Low VOC emissions comply with *SCAQMD Rule 1168/316A*
- 2-Year Shelf Life

**CPVC-24 GRAY/ORANGE:** Heavy bodied, medium setting CPVC cement for all classes and schedules with interference fit through 24" diameter. High-strength, chemical-resistant solvent cement for use with CPVC piping systems carrying acids, bases, salts, and sodium hypochlorite. Ideal for use in waste water plants. Recommended for use on PVC industrial piping systems for chemical applications; best choice for both PVC and CPVC fume & air duct systems. Listings: ASTM F493, NSF®-PW, DWV, SW, U.P. Code.



**The Most Chemically Resistant Cement Available for Both PVC & CPVC Applications**

**CPVC-24 Gray Heavy Body CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CPVC24G-020	<b>Pint</b>	12	0	707	23.30
CPVC24G-030	<b>Quart</b>	12	0	707	41.15
CPVC24G-040	<b>Gallon</b>	6	0	707	142.10

**CPVC-24 Orange Heavy Body CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CPVC24O-020	<b>Pint</b>	12	0	707	23.30
CPVC24O-030	<b>Quart</b>	12	0	707	41.15
CPVC24O-040	<b>Gallon</b>	6	0	707	142.10



**Spears® Low VOC Primers & Cleaners**

Primers are used for the surface preparation of plastic pipe and fittings, which is necessary for the proper solvent welding of these materials. Cleaner aids in pre-cleaning to remove oil and grease. All Spears® Primers and Cleaners are low VOC products, which are environmentally friendly with lower emissions and reduced odor, surpassing the most stringent regulations and comply with SCAQMD Rule 1168/316A.

**PRIMER-70 INDUSTRIAL GRADE PURPLE/CLEAR:**

Premium, industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Specially recommended for use on Schedule 80 (150 psi and higher) and large size pipe. Excellent for cold weather applications. Listings: ASTM F656, NSF®-PW, DWV, SW, U.P. Code (Purple Only).



**PRIMER-70 Clear Industrial Strength Primer**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70C-005	<b>1/4 Pint</b>	24	0	709	7.05
PRIM70C-010	<b>1/2 Pint</b>	24	0	709	9.60
PRIM70C-020	<b>Pint</b>	12	0	709	19.20
PRIM70C-030	<b>Quart</b>	12	0	709	31.10
PRIM70C-040	<b>Gallon</b>	6	0	709	102.20



**PRIMER-70 Purple Industrial Strength Primer**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70P-005	<b>1/4 Pint</b>	24	0	709	7.05
PRIM70P-010	<b>1/2 Pint</b>	24	0	709	9.60
PRIM70P-020	<b>Pint</b>	12	0	709	19.20
PRIM70P-030	<b>Quart</b>	12	0	709	31.10
PRIM70P-040	<b>Gallon</b>	6	0	709	102.20

**CLEANER-65 CLEAR CLEANER:** Water-thin cleaner recommended for use before priming of pipe and fittings to remove dirt, oil and grease from the bonding surfaces of PVC, CPVC, ABS and Styrene.



**CLEANER-65 Clear Cleaner**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CLEAN65-005	<b>1/4 Pint</b>	24	0	709	5.20
CLEAN65-010	<b>1/2 Pint</b>	24	0	709	7.75
CLEAN65-020	<b>Pint</b>	12	0	709	13.45
CLEAN65-030	<b>Quart</b>	12	0	709	19.75
CLEAN65-040	<b>Gallon</b>	6	0	709	63.25



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee**  
**Soc**



801-002C	1/4	50	300	090	13.45
801-003C	3/8	25	150	090	13.45
801-005C	1/2	25	200	090	13.45
801-007C	3/4	15	120	090	13.69
801-010C	1	15	0	090	16.78
801-012C	1-1/4	10	0	090	35.39
801-015C	1-1/2	10	0	090	40.54
801-020C	2	10	0	090	45.12
801-025C	2-1/2	10	0	090	114.86
801-030C	3	5	0	090	114.86
801-040C	4	5	0	090	152.86
801-050C	5	5	0	090	377.89
801-060C	6	2	0	090	397.80
801-080C	8	2	0	090	1139.51
801-100C	10	1	0	091	2254.29
801-100CF	10	1	0	097	1676.31
801-120C	12	1	0	091	3483.94
801-120CF	12	1	0	097	2287.81
801-140CF	14	1	0	097	5976.93
801-160CF	16	1	0	097	8538.46
801-180CF	18	1	0	097	10008.82
801-200CF	20	1	0	097	15144.59
801-240CF	24	1	0	097	21257.22

**Tee**  
**Soc x Fipt**



802-002C	1/4	25	150	090	34.14
802-005C	1/2	20	120	090	34.14
802-007C	3/4	20	160	090	45.53
802-010C	1	15	0	090	56.91
802-012C	1-1/4	15	0	090	66.89
802-015C	1-1/2	10	0	090	66.89
802-020C	2	10	0	090	84.01
802-030C	3	5	0	090	100.12
802-040C	4	5	0	090	188.11
802-060CF	6	1	2	097	384.99

**Special Reinforced Tee**  
**Soc x SR Fipt - Stainless Steel Collar**



802-005CSR	1/2	50	0	096	18.69
802-007CSR	3/4	15	120	096	27.31
802-010CSR	1	15	0	096	34.36
802-012CSR	1-1/4	15	0	096	39.86
802-015CSR	1-1/2	10	0	096	39.86
802-020CSR	2	10	0	096	65.16
802-030CSR	3	5	0	096	93.84
802-040CSR	4	5	0	096	176.79

**Transition Tee**  
**Soc x Fipt With Brass Thread Insert**



802-005CBR	1/2	20	160	096	55.46
802-007CBR	3/4	25	0	096	110.91

Not intended to convey or dispense water for human consumption through drinking or cooking

**Tee**  
**Fipt**



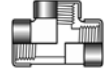
805-002C	1/4	25	150	090	29.89
805-003C	3/8	25	150	090	29.89

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee (continued)**  
**Fipt**

805-005C	1/2	20	120	090	29.89
805-007C	3/4	15	120	090	43.05
805-010C	1	15	0	090	46.37
805-012C	1-1/4	10	0	090	46.64
805-015C	1-1/2	10	0	090	48.97
805-020C	2	10	0	090	54.40
805-025C	2-1/2	5	0	090	267.44
805-030C	3	5	0	090	310.30
805-040C	4	5	0	090	735.11

**Special Reinforced Tee**  
**SR Fipt - Stainless Steel Collar**



805-002CSR	1/4	20	160	096	16.72
805-003CSR	3/8	25	150	096	16.72
805-005CSR	1/2	25	150	096	22.37
805-007CSR	3/4	25	100	096	25.63
805-010CSR	1	15	0	096	38.28
805-015CSR	1-1/2	10	0	096	40.64
805-020CSR	2	10	0	096	48.39

**Street Tee**  
**Spig x Soc x Soc**



844-005C	1/2	25	200	090	16.83
844-007C	3/4	15	120	090	17.12
844-010C	1	15	0	090	20.98
844-012C	1-1/4	10	0	090	44.22
844-015C	1-1/2	10	0	090	50.69
844-020C	2	10	0	090	56.43

**Reducing Tee**  
**Soc**



801-101C	3/4X1/2	15	120	090	30.01
801-130C	1X1/2	15	0	090	34.59
801-131C	1X3/4	15	0	090	34.59
801-158C	1-1/4X1X1	15	0	090	42.90
801-159C	1-1/4X1X1-1/4	15	0	090	42.90
801-166C <sup>1</sup>	1-1/4X1/2	10	0	090	79.32
801-167C	1-1/4X3/4	12	0	090	67.69
801-168C	1-1/4X1	15	0	090	67.69
801-202C	1-1/2X1-1/4X1	10	0	090	67.69
801-209C	1-1/2X1/2	10	0	090	70.70
801-210C	1-1/2X3/4	15	0	090	70.70
801-211C	1-1/2X1	10	0	090	70.70
801-212C	1-1/2X1-1/4	10	0	090	70.70
801-247C	2X1/2	10	0	090	84.22
801-248C	2X3/4	10	0	090	84.22
801-249C	2X1	10	0	090	84.22
801-250C <sup>1</sup>	2X1-1/4	10	0	090	116.69
801-251C	2X1-1/2	10	0	090	84.22
801-287C	2-1/2X1/2	10	0	090	96.71
801-288C	2-1/2X3/4	10	0	090	96.71
801-289C	2-1/2X1	10	0	090	96.71
801-290C	2-1/2X1-1/4	10	0	090	96.71
801-291C	2-1/2X1-1/2	10	0	090	96.71
801-292C	2-1/2X2	10	0	090	100.10
801-333C <sup>1</sup>	3X1/2	5	0	090	212.88
801-334C <sup>1</sup>	3X3/4	5	0	090	212.88
801-335C	3X3X1	5	0	090	171.84
801-336C <sup>1</sup>	3X1-1/4	5	0	090	206.10
801-337C	3X3X1-1/2	5	0	090	171.84
801-338C	3X2	5	0	090	171.84
801-339C	3X2-1/2	5	0	090	171.84



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

**Soc**

801-415C <sup>1</sup>	4X1/2	5	0	090	261.33
801-416C <sup>1</sup>	4X3/4	5	0	090	261.33
801-417C <sup>1</sup>	4X1	4	0	090	261.33
801-418C <sup>1</sup>	4X1-1/4	5	0	090	261.33
801-419C	4X1-1/2	5	0	090	261.33
801-420C	4X2	5	0	090	217.19
801-421C <sup>1</sup>	4X2-1/2	5	0	090	292.26
801-422C	4X3	5	0	090	217.19
801-426C <sup>1</sup>	4X6	4	0	090	752.89
801-525C	6X1	4	0	090	747.04
801-525CF	6X1	1	3	097	339.74
801-526C <sup>1</sup>	6X1-1/4	4	0	090	747.04
801-526CF	6X1-1/4	1	0	097	413.83
801-527C <sup>1</sup>	6X1-1/2	4	0	090	747.04
801-527CF	6X1-1/2	1	4	097	387.19
801-528C <sup>1</sup>	6X2	4	0	090	694.09
801-528CF	6X2	1	3	097	405.80
801-529C <sup>1</sup>	6X2-1/2	4	0	090	766.27
801-529CF	6X2-1/2	1	3	097	423.38
801-530C <sup>1</sup>	6X3	4	0	090	694.09
801-530CF	6X3	1	3	097	443.77
801-532C	6X4	5	0	090	613.41
801-575CF	8X1	1	2	097	476.43
801-576CF	8X1-1/4	1	0	097	484.01
801-577CF	8X1-1/2	1	0	097	487.60
801-578C <sup>1</sup>	8X2	2	0	090	1296.79
801-578CF	8X2	1	2	097	542.44
801-579CF	8X2-1/2	1	2	097	589.53
801-580C <sup>1</sup>	8X3	2	0	090	1296.79
801-580CF	8X3	1	2	097	665.24
801-582C <sup>1</sup>	8X4	2	0	090	1296.79
801-582CF	8X4	1	2	097	715.80
801-585C	8X6	2	0	090	1126.03
801-618CF	10X1	1	0	097	742.52
801-619CF	10X1-1/4	1	0	097	753.18
801-620CF	10X1-1/2	1	0	097	787.91
801-621C <sup>1</sup>	10X2	1	0	091	2270.07
801-621CF	10X2	1	0	097	748.73
801-622CF	10X2-1/2	1	0	097	928.62
801-623C <sup>1</sup>	10X3	1	0	091	2154.28
801-623CF	10X3	1	0	097	1008.97
801-624C <sup>1</sup>	10X4	1	0	091	2154.28
801-624CF	10X4	1	0	097	1066.51
801-626C	10X6	1	0	091	1983.79
801-626CF	10X6	1	0	097	1169.04
801-628C <sup>1</sup>	10X8	1	0	091	3245.46
801-628CF	10X8	1	0	097	1355.98
801-661CF	12X2	1	0	097	1270.64
801-662CF	12X2-1/2	0	0	097	1332.50
801-663CF	12X3	1	0	097	1401.45
801-664C <sup>1</sup>	12X4	1	0	091	3907.69
801-664CF	12X4	1	0	097	1459.35
801-666C <sup>1</sup>	12X6	1	0	091	3660.14
801-666CF	12X6	1	0	097	1583.51
801-668C	12X8	1	0	091	3099.74
801-668CF	12X8	1	0	097	1772.76
801-670C <sup>1</sup>	12X10	1	0	091	4730.27
801-670CF	12X10	1	0	097	2045.95
801-691CF	14X2	1	0	097	2625.04
801-692CF	14X2-1/2	1	0	097	2632.78
801-693CF	14X3	1	0	097	3782.48
801-694CF	14X4	1	0	097	3920.28
801-696CF	14X6	1	0	097	4269.45
801-698CF	14X8	1	0	097	4606.19
801-700CF	14X10	1	0	097	5038.26

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

**Soc**

801-702CF	14X12	1	0	097	5538.94
801-751CF	16X2	1	0	097	3721.73
801-752CF	16X2-1/2	1	0	097	3775.01
801-753CF	16X3	1	0	097	3879.35
801-754CF	16X4	1	0	097	4023.46
801-756CF	16X6	1	0	097	5239.79
801-758CF	16X8	1	0	097	5857.30
801-760CF	16X10	1	0	097	6340.07
801-762CF	16X12	1	0	097	7091.32
801-764CF	16X14	1	0	097	7878.52
801-781CF	18X2	1	0	097	5059.38
801-783CF	18X3	1	0	097	5241.01
801-784CF	18X4	1	0	098	5054.01
801-786CF	18X6	1	0	097	6838.78
801-788CF	18X8	1	0	097	7343.15
801-790CF	18X10	1	0	097	7892.13
801-792CF	18X12	1	0	097	8439.35
801-794CF	18X14	1	0	097	8906.39
801-796CF	18X16	1	0	097	9403.53
801-814CF	20X4	1	0	097	10405.38
801-816CF	20X6	1	0	097	12382.15
801-818CF	20X8	1	0	097	12784.34
801-820CF	20X10	1	0	097	13896.47
801-822CF	20X12	1	0	097	14570.99
801-824CF	20X14	1	0	097	16233.45
801-826CF	20X16	1	0	097	17535.96
801-828CF	20X18	1	0	097	18630.00
801-904CF	24X4	1	0	097	12895.23
801-906CF	24X6	1	0	097	13907.61
801-908CF	24X8	1	0	097	14239.22
801-910CF	24X10	1	0	097	15007.67
801-912CF	24X12	1	0	097	15774.37
801-914CF	24X14	1	0	097	17142.00
801-916CF	24X16	1	0	097	20131.71
801-918CF	24X18	1	0	097	22379.95
801-920CF	24X20	1	0	097	24855.73

<sup>1</sup> Sized with Bushing

**Reducing Tee**  
**Soc x Fipt**



802-101C	3/4X1/2	15	60	090	21.17
802-130C	1X1/2	50	0	090	42.49
802-131C	1X3/4	15	0	090	42.49
802-166C	1-1/4X1/2	25	0	090	73.23
802-167C <sup>1</sup>	1-1/4X3/4	15	0	090	73.23
802-168C	1-1/4X1	10	0	090	73.23
802-209C <sup>1</sup>	1-1/2X1/2	25	0	090	108.28
802-210C <sup>1</sup>	1-1/2X3/4	20	0	090	108.28
802-211C <sup>1</sup>	1-1/2X1	10	0	090	108.28
802-212C	1-1/2X1-1/4	10	0	090	108.28
802-247C	2X1/2	10	0	090	135.88
802-248C	2X3/4	10	0	090	135.88
802-249C <sup>1</sup>	2X1	10	0	090	135.88
802-250C <sup>1</sup>	2X1-1/4	10	0	090	135.88
802-251C <sup>1</sup>	2X1-1/2	10	0	090	135.88
802-287C	2-1/2X1/2	10	0	090	178.49
802-288C <sup>1</sup>	2-1/2X3/4	10	0	090	178.49
802-289C <sup>1</sup>	2-1/2X1	10	0	090	178.49
802-290C <sup>1</sup>	2-1/2X1-1/4	10	0	090	178.49
802-291C <sup>1</sup>	2-1/2X1-1/2	10	0	090	178.49
802-292C <sup>1</sup>	2-1/2X2	10	0	090	197.02
802-333C <sup>1</sup>	3X1/2	5	0	090	301.95



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

Soc x Fipt

802-334C <sup>1</sup>	3X3/4	5	0	090	301.95
802-335C <sup>1</sup>	3X1	5	0	090	301.95
802-336C <sup>1</sup>	3X1-1/4	5	0	090	301.95
802-337C <sup>1</sup>	3X1-1/2	5	0	090	301.95
802-338C <sup>1</sup>	3X2	5	0	090	301.95
802-339C <sup>1</sup>	3X2-1/2	5	0	090	301.95
802-415C <sup>1</sup>	4X1/2	5	0	090	505.68
802-416C <sup>1</sup>	4X3/4	5	0	090	505.68
802-417C <sup>1</sup>	4X1	5	0	090	505.68
802-418C <sup>1</sup>	4X1-1/4	5	0	090	505.68
802-419C <sup>1</sup>	4X1-1/2	5	0	090	505.68
802-420C <sup>1</sup>	4X2	5	0	090	505.68
802-421C <sup>1</sup>	4X2-1/2	5	0	090	505.68
802-422C <sup>1</sup>	4X3	5	0	090	505.68
802-525C <sup>1</sup>	6X1	4	0	090	985.97
802-526C	6X1-1/4	4	0	090	985.97
802-527C	6X1-1/2	4	0	090	985.97
802-528C <sup>1</sup>	6X2	4	0	090	985.97
802-529C <sup>1</sup>	6X2-1/2	4	0	090	985.97
802-530C <sup>1</sup>	6X3	4	0	090	985.97
802-532C <sup>1</sup>	6X4	1	0	090	1131.77
802-578C <sup>1</sup>	8X2	2	0	090	1874.87
802-580C <sup>1</sup>	8X3	2	0	090	1874.87
802-582C <sup>1</sup>	8X4	2	0	090	1874.87
802-621C <sup>1</sup>	10X2	1	0	091	2750.15
802-623C <sup>1</sup>	10X3	1	0	091	2750.15
802-624C <sup>1</sup>	10X4	1	0	091	2750.15
802-661C <sup>1</sup>	12X2	2	0	091	4563.01
802-663C <sup>1</sup>	12X3	2	0	091	4563.01
802-664C <sup>1</sup>	12X4	1	0	091	4563.01

<sup>1</sup> Sized with Bushing

**Reducing Tee**

Soc x Fipt x Soc



803-095C	3/4X1/2X3/4	50	0	090	18.94
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**Special Reinforced Reducing Tee**

Soc x SR Fipt - Stainless Steel Collar



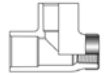
802-072CSR	1/2X1/4	25	200	096	18.69
802-098CSR	3/4X1/4	25	100	096	24.98
802-101CSR	3/4X1/2	50	0	096	24.98
802-128CSR <sup>1</sup>	1X1/4	15	0	096	38.57
802-130CSR	1X1/2	50	0	096	15.26
802-131CSR	1X3/4	15	0	096	38.57
802-164CSR <sup>1</sup>	1-1/4X1/4	5	0	096	51.29
802-166CSR	1-1/4X1/2	15	0	096	40.63
802-168CSR	1-1/4X1	10	0	096	41.46
802-207CSR <sup>1</sup>	1-1/2X1/4	15	0	096	73.44
802-211CSR	1-1/2X1	10	0	096	48.68
802-212CSR	1-1/2X1-1/4	10	0	096	48.68
802-245CSR <sup>1</sup>	2X1/4	10	0	096	84.36
802-247CSR	2X1/2	10	0	096	75.93
802-248CSR	2X3/4	10	0	096	84.36
802-287CSR	2-1/2X1/2	10	0	096	58.02
802-331CSR <sup>1</sup>	3X1/4	5	0	096	161.14
802-413CSR <sup>1</sup>	4X1/4	5	0	096	174.86

<sup>1</sup> Sized with Bushing

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Reducing Tee**

Soc x SR Fipt - Stainless Steel Collar x Soc



(See also Gauge & Instrument Fittings for additional configurations)

803-095CSR	3/4X1/2X3/4	15	0	096	15.39
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**Transition Reducing Tee**

Soc x Fipt With Brass Thread Insert



802-101CBR	3/4X1/2	50	0	096	68.74
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Not intended to convey or dispense water for human consumption through drinking or cooking

**90° Ell**

Soc



806-002C	1/4	25	150	090	14.64
806-003C	3/8	20	120	090	14.64
806-005C	1/2	20	240	090	5.74
806-007C	3/4	20	160	090	7.32
806-010C	1	25	0	090	11.63
806-012C	1-1/4	10	0	090	25.16
806-015C	1-1/2	10	0	090	28.06
806-020C	2	25	0	090	33.87
806-025C	2-1/2	5	0	090	78.00
806-030C	3	5	0	090	88.32
806-040C	4	5	0	090	159.07
806-050C	5	4	0	090	303.66
806-050CF	5	1	4	097	399.83
806-060C	6	4	0	090	319.64
806-080C	8	2	0	090	782.19
806-080CF	8	1	2	097	567.31
806-100C	10	1	0	091	2090.31
806-100CF	10	1	0	097	1242.85
806-120C	12	1	0	091	2828.19
806-120CF	12	1	0	097	2288.05
806-140CF	14	1	0	097	5691.98
806-160CF	16	1	0	097	7770.51
806-180CF	18	1	0	097	9733.71
806-200CF	20	1	0	097	11189.13
806-240CF	24	1	0	097	20254.79

**Sweep 90° Ell**

Soc



806-005SC	1/2	25	150	090	11.29
806-007SC	3/4	25	100	090	14.55
806-010SC	1	25	0	090	23.38
806-012SC	1-1/4	25	0	090	30.89
806-015SC	1-1/2	25	0	090	33.18
806-020SC	2	25	0	090	40.20

**Long Sweep 90° Ell**

Soc



806-005LSCF	1/2	25	0	097	52.03
806-007LSCF	3/4	25	0	097	58.28
806-010LSCF	1	25	0	097	65.90
806-012LSCF	1-1/4	25	0	097	69.05
806-015LSCF	1-1/2	25	0	097	77.09
806-020LSCF	2	10	0	097	108.15
806-030LSCF	3	1	5	097	150.04
806-040LSCF	4	1	4	097	185.61
806-060LSCF	6	1	2	097	273.72

Not Listed for Electrical Conduit Use

**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° EII**  
**Soc x Fipt**



807-002C	1/4	25	450	090	12.97
807-003C	3/8	25	150	090	12.97
807-005C	1/2	20	120	090	15.14
807-007C	3/4	20	160	090	17.78
807-010C	1	20	0	090	23.28
807-012C	1-1/4	10	0	090	34.14
807-015C	1-1/2	10	0	090	51.72
807-020C	2	10	0	090	66.39
807-030C	3	5	0	090	80.02
807-040C	4	5	0	090	151.32

**Special Reinforced 90° EII**  
**Soc x SR Fipt - Stainless Steel Collar**



807-005CSR	1/2	20	240	096	9.07
807-007CSR	3/4	75	0	096	10.66
807-010CSR	1	50	0	096	12.83
807-015CSR	1-1/2	10	0	096	31.85
807-020CSR	2	10	0	096	39.85
807-030CSR	3	5	0	096	58.01
807-040CSR	4	5	0	086	107.10

**Transition 90° EII**  
**Soc x Fipt With Brass Thread Insert**



807-005CBR	1/2	20	240	096	48.76
807-007CBR	3/4	20	160	096	85.13

Not intended to convey or dispense water for human consumption through drinking or cooking

**90° EII**  
**Fipt**



808-002C	1/4	25	450	090	15.38
808-003C	3/8	25	150	090	15.38
808-005C	1/2	20	120	090	8.93
808-007C	3/4	20	120	090	13.35
808-010C	1	15	120	090	18.74
808-012C	1-1/4	10	0	090	36.10
808-015C	1-1/2	10	0	090	38.85
808-020C	2	10	0	090	52.07
808-025C	2-1/2	5	0	090	161.59
808-030C	3	5	0	090	173.27
808-040C	4	5	0	090	271.14

**90° Street EII**  
**Mipt x Fipt**



812-002C	1/4	50	300	090	17.07
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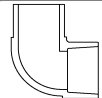
**Special Reinforced 90° EII**  
**SR Fipt - Stainless Steel Collar**



808-003CSR	3/8	25	150	096	5.48
808-005CSR	1/2	20	120	096	5.48
808-007CSR	3/4	20	160	096	8.03
808-010CSR	1	50	0	096	10.29
808-012CSR	1-1/4	25	0	096	19.80
808-015CSR	1-1/2	10	0	096	23.31
808-020CSR	2	10	0	096	31.23

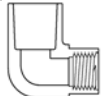
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° Street EII**  
**Spig x Soc**



809-005C	1/2	50	200	090	7.20
809-007C	3/4	50	0	090	9.16
809-010C	1	50	0	090	14.55
809-012C	1-1/4	25	0	090	31.46
809-015C	1-1/2	10	0	090	35.11
809-020C	2	25	0	090	42.39
809-025C	2-1/2	5	0	090	85.56
809-030C	3	5	0	090	117.78
809-040C	4	4	0	090	212.10
809-060C	6	2	0	090	426.19
809-080C	8	2	0	090	1042.93
809-100C	10	1	0	091	2786.78
809-120C	12	1	0	091	3769.46

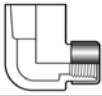
**Reducing 90° EII**  
**Soc x Fipt**



807-101C	3/4X1/2	10	60	090	14.53
807-130C <sup>1</sup>	1X1/2	10	80	090	20.76
807-131C <sup>1</sup>	1X3/4	10	80	090	20.76

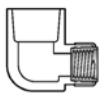
<sup>1</sup> Sized with Bushing

**Special Reinforced Reducing 90° EII**  
**Soc x SR Fipt - Stainless Steel Collar**



807-101CSR	3/4X1/2	50	0	096	11.56
807-130CSR	1X1/2	50	0	096	12.46

**Transition Reducing 90° EII**  
**Soc x Fipt With Brass Thread Insert**



807-101CBR	3/4X1/2	20	120	096	60.98
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Not intended to convey or dispense water for human consumption through drinking or cooking

**60° EII**  
**Soc**



824-005CF	1/2	1	25	097	88.46
824-007CF	3/4	1	6	097	105.64
824-010CF	1	1	15	097	100.04
824-012CF	1-1/4	1	16	097	102.45
824-015CF	1-1/2	1	15	097	110.93
824-020CF	2	1	16	097	139.72
824-025CF	2-1/2	1	10	097	159.90
824-030CF	3	1	4	097	274.35
824-040CF	4	1	4	097	329.33
824-060CF	6	1	4	097	457.04
824-080CF	8	1	0	097	692.49
824-100CF	10	1	0	097	1394.07
824-120CF	12	1	0	097	2154.84
824-140CF	14	1	0	097	5194.65
824-160CF	16	1	0	097	7293.13
824-180CF	18	1	0	097	10117.90

**45° EII**  
**Soc**



817-002C	1/4	25	450	090	21.77
817-003C	3/8	25	150	090	21.77
817-005C	1/2	20	120	090	7.02
817-007C	3/4	20	120	090	10.14
817-010C	1	15	120	090	16.12



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**45° EII (continued)**

**Soc**

817-012C	1-1/4	10	80	090	31.66
817-015C	1-1/2	10	0	090	32.51
817-020C	2	10	0	090	36.46
817-025C	2-1/2	5	0	090	74.51
817-030C	3	5	0	090	95.74
817-040C	4	5	0	090	131.43
817-050C	5	4	0	090	384.64
817-060C	6	4	0	090	404.89
817-080C	8	2	0	090	842.38
817-100C	10	1	0	091	1598.53
817-100CF	10	1	2	097	965.32
817-120C	12	1	0	091	2812.33
817-120CF	12	1	0	097	1355.41
817-140CF	14	1	0	097	2835.34
817-160CF	16	1	0	097	4138.37
817-180CF	18	1	0	097	6404.22
817-200CF	20	1	0	097	8472.29
817-240CF	24	1	0	097	10218.18

**45° EII**

**Fipt**



819-002C	1/4	25	450	090	20.46
819-003C	3/8	25	150	090	20.46
819-005C	1/2	20	240	090	19.38
819-007C	3/4	10	120	090	21.29
819-010C	1	10	120	090	23.43
819-012C	1-1/4	10	80	090	40.02
819-015C	1-1/2	10	0	090	40.02
819-020C	2	10	0	090	52.84
819-025C	2-1/2	5	0	090	100.17
819-030C	3	5	0	090	144.28
819-040C	4	5	0	090	226.94

**Special Reinforced 45° EII**

**SR Fipt - Stainless Steel Collar**



819-007CSR	3/4	10	120	096	12.53
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**45° Street EII**

**Spig x Soc**



827-005C	1/2	50	400	090	7.02
827-007C	3/4	50	0	090	10.14
827-010C	1	50	0	090	16.12
827-012C	1-1/4	25	0	090	31.66
827-015C	1-1/2	25	0	090	32.46
827-020C	2	10	0	090	36.46
827-025C	2-1/2	12	0	090	80.69
827-030C	3	10	0	090	95.74
827-040C	4	5	0	090	131.43
827-060C	6	3	0	090	476.34
827-080C	8	2	0	090	991.02
827-100C	10	1	0	091	1880.62
827-120C	12	1	0	091	3308.61
827-140CF	14	1	0	097	4053.51
827-160CF	16	1	0	097	5185.03
827-180CF	18	1	0	097	7565.54

**30° EII**

**Soc**



815-005CF	1/2	1	25	097	30.85
815-007CF	3/4	1	25	097	31.80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**30° EII (continued)**

**Soc**

815-010CF	1	1	20	097	43.98
815-012CF	1-1/4	1	15	097	46.90
815-015CF	1-1/2	1	25	097	50.57
815-020CF	2	25	0	097	95.06
815-025CF	2-1/2	18	0	097	106.22
815-030CF	3	1	10	097	118.47
815-040CF	4	1	18	097	154.71
815-060C	6	5	0	090	476.34
815-080CF	8	1	3	097	564.27
815-100CF	10	1	2	097	936.67
815-120CF	12	1	2	097	1233.68
815-140CF	14	1	0	097	2619.50
815-160CF	16	1	0	097	3687.61
815-180CF	18	1	0	097	5346.00

**22-1/2° EII**

**Soc**



816-005C	1/2	20	240	090	8.27
816-007C	3/4	20	240	090	11.91
816-010C	1	20	160	090	18.97
816-012C	1-1/4	20	0	090	37.23
816-015C	1-1/2	20	0	090	38.26
816-020C	2	20	0	090	42.90
816-025C	2-1/2	5	0	090	107.67
816-025CF	2-1/2	1	18	097	106.22
816-030C	3	5	0	090	112.64
816-040C	4	4	0	090	154.62
816-060C	6	4	0	090	476.34
816-060CF	6	1	8	097	296.94
816-080C	8	4	0	090	991.02
816-080CF	8	1	4	097	564.27
816-100CF	10	1	2	097	936.67
816-120CF	12	1	2	097	1233.68
816-140CF	14	1	0	097	2619.50
816-160CF	16	1	0	097	3687.61
816-180CF	18	1	0	097	5346.00

**22-1/2° Street EII**

**Spig x Soc**



842-005C	1/2	50	400	090	9.41
842-007C	3/4	50	0	090	14.69
842-010C	1	50	0	090	22.98
842-012C	1-1/4	20	0	090	28.78
842-015C	1-1/2	25	0	090	41.37
842-020C	2	20	0	090	52.17
842-025C	2-1/2	5	0	090	95.79
842-030C	3	5	0	090	139.12
842-040C	4	4	0	090	178.40
842-060C	6	1	6	090	588.27
842-080C	8	1	2	090	1233.34
842-100CF	10	1	2	097	951.66
842-120CF	12	1	2	097	1262.22

**15° EII**

**Soc**



818-005CF	1/2	1	25	097	30.85
818-007CF	3/4	1	23	097	31.80
818-010CF	1	1	20	097	43.98
818-012CF	1-1/4	1	15	097	46.90
818-015CF	1-1/2	1	25	097	50.57
818-020CF	2	1	25	097	95.06
818-025CF	2-1/2	1	18	097	106.22

**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**15° Ell (continued)**

**Soc**

818-030CF	<b>3</b>	1	35	097	118.47
818-040CF	<b>4</b>	1	18	097	154.71
818-060CF	<b>6</b>	1	8	097	296.94
818-080CF	<b>8</b>	1	3	097	564.27
818-100CF	<b>10</b>	1	2	097	936.67
818-120CF	<b>12</b>	1	0	097	1233.68
818-140CF	<b>14</b>	1	0	097	2619.50
818-160CF	<b>16</b>	1	0	097	3687.61
818-180CF	<b>18</b>	1	0	097	5346.00

**11-1/4° Ell**

**Soc**



811-005CF	<b>1/2</b>	1	52	097	30.85
811-007CF	<b>3/4</b>	1	20	097	31.80
811-010CF	<b>1</b>	1	50	097	43.98
811-012CF	<b>1-1/4</b>	1	26	097	46.90
811-015C	<b>1-1/2</b>	25	0	090	35.07
811-020C	<b>2</b>	10	0	090	42.90
811-025CF	<b>2-1/2</b>	1	25	097	106.22
811-030C	<b>3</b>	10	0	090	112.64
811-040C	<b>4</b>	4	0	090	154.62
811-060CF	<b>6</b>	1	5	097	296.94
811-080CF	<b>8</b>	1	3	097	564.27
811-100CF	<b>10</b>	1	2	097	936.67
811-120CF	<b>12</b>	1	2	097	1233.68
811-140CF	<b>14</b>	1	0	097	2619.50
811-160CF	<b>16</b>	1	0	097	3687.61
811-180CF	<b>18</b>	1	0	097	5346.00

**Wye**

**Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" - Larger & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

875-005C	<b>1/2</b>	25	100	090	15.59
875-007C	<b>3/4</b>	25	0	090	16.10
875-010C	<b>1</b>	20	0	090	27.13
875-012C	<b>1-1/4</b>	20	0	090	41.09
875-015C	<b>1-1/2</b>	20	0	090	44.17
875-020C	<b>2</b>	10	0	090	108.16
875-025C <sup>1</sup>	<b>2-1/2</b>	4	0	090	762.43
875-030C	<b>3</b>	5	0	090	533.30
875-040C	<b>4</b>	4	0	090	563.83
875-060C	<b>6</b>	3	0	090	771.70
875-080C	<b>8</b>	1	0	090	1317.89
875-080CF*	<b>8</b>	1	0	097	1152.68
875-100CF*	<b>10</b>	1	0	097	1980.16
875-120CF*	<b>12</b>	1	0	097	2758.09
875-140CF*	<b>14</b>	1	0	097	9589.14
875-160CF*	<b>16</b>	1	0	097	12027.90
875-180CF*	<b>18</b>	1	0	097	17453.89

<sup>1</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Wye**

**Soc**



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
3" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" - Larger & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

875-101C <sup>1</sup>	<b>3/4X1/2</b>	25	0	090	23.02
875-130C <sup>1</sup>	<b>1X1/2</b>	20	0	090	37.93
875-131C <sup>1</sup>	<b>1X3/4</b>	20	0	090	37.93
875-166C <sup>1</sup>	<b>1-1/4X1/2</b>	20	0	090	69.14
875-167C <sup>1</sup>	<b>1-1/4X3/4</b>	20	0	090	69.14
875-168C <sup>1</sup>	<b>1-1/4X1</b>	20	0	090	69.14
875-209C <sup>1</sup>	<b>1-1/2X1/2</b>	20	0	090	75.84
875-210C <sup>1</sup>	<b>1-1/2X3/4</b>	20	0	090	75.84
875-211C <sup>1</sup>	<b>1-1/2X1</b>	20	0	090	75.84
875-212C <sup>1</sup>	<b>1-1/2X1-1/4</b>	20	0	090	75.84
875-247C <sup>1</sup>	<b>2X1/2</b>	10	0	090	150.06
875-248C <sup>1</sup>	<b>2X3/4</b>	10	0	090	150.06
875-249C <sup>1</sup>	<b>2X1</b>	10	0	090	150.06
875-250C <sup>1</sup>	<b>2X1-1/4</b>	10	0	090	150.06
875-251C <sup>1</sup>	<b>2X1-1/2</b>	10	0	090	150.06
875-335C <sup>1</sup>	<b>3X1</b>	5	0	090	617.26
875-336C <sup>1</sup>	<b>3X1-1/4</b>	5	0	090	617.26
875-337C <sup>1</sup>	<b>3X1-1/2</b>	5	0	090	617.26
875-338C <sup>1</sup>	<b>3X2</b>	4	0	090	617.26
875-339C <sup>1</sup>	<b>3X2-1/2</b>	5	0	090	617.26
875-420C	<b>4X2</b>	4	0	090	624.18
875-422C <sup>1</sup>	<b>4X3</b>	4	0	090	624.18
875-528C <sup>1</sup>	<b>6X2</b>	5	0	090	790.59
875-528CF*	<b>6X2</b>	1	3	097	620.28
875-530C <sup>1</sup>	<b>6X3</b>	5	0	090	790.44
875-530CF*	<b>6X3</b>	1	2	097	689.64
875-532C	<b>6X4</b>	5	0	090	603.56
875-578C <sup>1</sup>	<b>8X2</b>	1	0	090	2090.67
875-578CF*	<b>8X2</b>	1	2	097	833.82
875-579CF*	<b>8X2-1/2</b>	1	2	097	873.94
875-580C <sup>1</sup>	<b>8X3</b>	1	0	090	2090.67
875-580CF*	<b>8X3</b>	1	2	097	854.56
875-582C <sup>1</sup>	<b>8X4</b>	1	0	090	2090.67
875-582CF*	<b>8X4</b>	1	2	097	877.67
875-585C <sup>1</sup>	<b>8X6</b>	1	0	090	1915.95
875-585CF*	<b>8X6</b>	1	0	097	988.98
875-621CF*	<b>10X2</b>	1	0	097	928.89
875-623CF*	<b>10X3</b>	1	0	097	988.88
875-624CF*	<b>10X4</b>	1	0	097	1208.48
875-626C	<b>10X6</b>	1	0	091	2159.80
875-626CF*	<b>10X6</b>	1	0	097	1372.14
875-628C	<b>10X8</b>	1	0	091	2274.03
875-628CF*	<b>10X8</b>	1	0	097	1615.82
875-661CF*	<b>12X2</b>	1	0	097	1532.59
875-663CF*	<b>12X3</b>	1	0	097	1610.11
875-664CF*	<b>12X4</b>	1	0	097	1836.67
875-666CF*	<b>12X6</b>	1	0	097	1910.63
875-668CF*	<b>12X8</b>	1	0	097	2016.67
875-670CF*	<b>12X10</b>	1	0	097	2482.91
875-694CF*	<b>14X4</b>	1	0	097	4110.98
875-696CF*	<b>14X6</b>	1	0	097	4515.36
875-698CF*	<b>14X8</b>	1	0	097	4884.46
875-702CF*	<b>14X12</b>	1	0	097	5950.41
875-754CF*	<b>16X4</b>	1	0	097	5172.83
875-756CF*	<b>16X6</b>	1	0	097	5446.73
875-758CF*	<b>16X8</b>	1	0	097	6324.47
875-760CF*	<b>16X10</b>	1	0	097	7107.81
875-762CF*	<b>16X12</b>	1	0	097	7708.76





**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Wye (continued)**

**Soc**

875-764CF*	<b>16X14</b>	1	0	097	9697.37
875-784CF*	<b>18X4</b>	1	0	097	6915.27
875-786CF*	<b>18X6</b>	1	0	097	7421.73
875-788CF*	<b>18X8</b>	1	0	097	8239.13
875-790CF*	<b>18X10</b>	1	0	097	9083.37
875-792CF*	<b>18X12</b>	1	0	097	9989.47
875-794CF*	<b>18X14</b>	1	0	097	12719.47
875-796CF*	<b>18X16</b>	1	0	097	14164.24

<sup>1</sup> Sized with Bushing

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

**Double Wye**

**Soc**



100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

876-020CF*	<b>2</b>	1	4	097	448.88
876-030CF*	<b>3</b>	1	4	097	572.56
876-040CF*	<b>4</b>	1	2	097	981.71
876-060CF*	<b>6</b>	1	0	097	1711.61
876-080CF*	<b>8</b>	1	0	097	3069.69
876-100CF*	<b>10</b>	1	0	097	3331.29
876-120CF*	<b>12</b>	1	0	097	4991.11

\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

For larger sizes please contact your Regional Spears® Distribution Center.

**Reducing Double Wye**

**Soc**



Size 3" is 150 psi, all Fabricated Sizes- 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

876-338C	<b>3X2</b>	5	0	090	664.94
876-420CF*	<b>4X2</b>	1	2	097	836.50
876-421CF*	<b>4X2-1/2</b>	1	2	097	885.23
876-422CF*	<b>4X3</b>	1	2	097	953.07
876-528CF*	<b>6X2</b>	1	3	097	1422.64
876-529CF*	<b>6X2-1/2</b>	1	2	097	1440.36
876-530CF*	<b>6X3</b>	1	2	097	1463.80
876-532CF*	<b>6X4</b>	1	0	097	1625.59
876-578CF*	<b>8X2</b>	1	2	097	2431.23
876-579CF*	<b>8X2-1/2</b>	1	2	097	2467.16
876-580CF*	<b>8X3</b>	1	2	097	2486.69
876-582CF*	<b>8X4</b>	1	0	097	2677.09
876-585CF*	<b>8X6</b>	1	0	097	2822.24
876-621CF*	<b>10X2</b>	1	0	097	2931.22
876-622CF*	<b>10X2-1/2</b>	1	0	097	2992.34
876-623CF*	<b>10X3</b>	1	0	097	3045.46
876-624CF*	<b>10X4</b>	1	0	097	3115.88
876-626CF*	<b>10X6</b>	1	0	097	3336.21
876-628CF*	<b>10X8</b>	1	0	097	3504.10
876-661CF*	<b>12X2</b>	1	0	097	3155.82
876-662CF*	<b>12X2-1/2</b>	1	0	097	3307.13
876-663CF*	<b>12X3</b>	1	0	097	3365.48
876-666CF*	<b>12X6</b>	1	0	097	3818.57
876-668CF*	<b>12X8</b>	1	0	097	4332.35
876-664CF*	<b>12X4</b>	1	0	097	3488.72
876-670CF*	<b>12X10</b>	1	0	097	4717.27

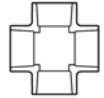
\* An asterisk (\*) appearing after a fabricated fitting part number indicates the item is fiberglass reinforced.

For larger sizes please contact your Regional Spears® Distribution Center.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cross**

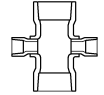
**Soc**



820-002C	<b>1/4</b>	25	150	090	57.34
820-005C	<b>1/2</b>	50	0	090	57.34
820-007C	<b>3/4</b>	50	0	090	60.35
820-010C	<b>1</b>	50	0	090	66.89
820-012C	<b>1-1/4</b>	25	0	090	71.57
820-015C	<b>1-1/2</b>	25	0	090	77.79
820-020C	<b>2</b>	10	0	090	100.90
820-025C	<b>2-1/2</b>	10	0	090	134.52
820-030C	<b>3</b>	5	0	090	171.31
820-040C	<b>4</b>	3	0	090	306.02
820-060CF	<b>6</b>	1	0	097	804.20
820-080CF	<b>8</b>	1	0	097	1529.69
820-100CF	<b>10</b>	1	0	097	2275.51
820-120CF	<b>12</b>	1	0	097	3233.15
820-140CF	<b>14</b>	1	0	097	8736.96
820-160CF	<b>16</b>	1	0	097	10413.95
820-180CF	<b>18</b>	1	0	097	14001.11

**Reducing Cross**

**Soc**



820-101C <sup>1</sup>	<b>3/4X1/2</b>	50	0	090	74.82
820-130C <sup>1</sup>	<b>1X1/2</b>	25	0	090	88.76
820-131C	<b>1X3/4</b>	20	0	090	88.76
820-166C <sup>1</sup>	<b>1-1/4X1/2</b>	25	0	090	79.40
820-167C	<b>1-1/4X3/4</b>	25	0	090	64.41
820-168C <sup>1</sup>	<b>1-1/4X1</b>	25	0	090	127.47
820-209C <sup>1</sup>	<b>1-1/2X1/2</b>	20	0	090	140.86
820-210C <sup>1</sup>	<b>1-1/2X3/4</b>	50	0	090	140.86
820-211C <sup>1</sup>	<b>1-1/2X1</b>	25	0	090	140.86
820-212C <sup>1</sup>	<b>1-1/2X1-1/4</b>	25	0	090	140.86
820-247C <sup>1</sup>	<b>2X1/2</b>	10	0	090	182.37
820-248C <sup>1</sup>	<b>2X3/4</b>	10	0	090	182.37
820-249C <sup>1</sup>	<b>2X1</b>	10	0	090	182.37
820-250C <sup>1</sup>	<b>2X1-1/4</b>	10	0	090	182.37
820-251C <sup>1</sup>	<b>2X1-1/2</b>	10	0	090	182.37
820-289C	<b>2-1/2X1</b>	15	0	090	124.00
820-290C <sup>1</sup>	<b>2-1/2X1-1/4</b>	10	0	090	233.93
820-291C <sup>1</sup>	<b>2-1/2X1-1/2</b>	8	0	090	233.93
820-292C <sup>1</sup>	<b>2-1/2X2</b>	10	0	090	233.93
820-335C <sup>1</sup>	<b>3X1</b>	4	0	090	322.12
820-336C <sup>1</sup>	<b>3X1-1/4</b>	4	0	090	322.12
820-337C <sup>1</sup>	<b>3X1-1/2</b>	4	0	090	322.12
820-338C <sup>1</sup>	<b>3X2</b>	4	0	090	322.12
820-339C <sup>1</sup>	<b>3X2-1/2</b>	4	0	090	322.12
820-420C <sup>1</sup>	<b>4X2</b>	3	0	090	475.10
820-422C <sup>1</sup>	<b>4X3</b>	3	0	090	475.10
820-420CF	<b>4X2</b>	1	3	097	466.86
820-528CF	<b>6X2</b>	1	2	097	732.38
820-530CF	<b>6X3</b>	1	2	097	827.41
820-532CF	<b>6X4</b>	1	2	097	847.44
820-578CF	<b>8X2</b>	1	0	097	954.39
820-580CF	<b>8X3</b>	1	0	097	1001.69
820-582CF	<b>8X4</b>	1	0	097	938.05
820-585CF	<b>8X6</b>	1	0	097	1232.49
820-621CF	<b>10X2</b>	1	0	097	1144.39
820-623CF	<b>10X3</b>	1	0	097	1230.41
820-624CF	<b>10X4</b>	1	0	097	1286.30
820-626CF	<b>10X6</b>	1	0	097	1536.66
820-628CF	<b>10X8</b>	1	0	097	1779.05
820-661CF	<b>12X2</b>	1	0	097	1397.31
820-663CF	<b>12X3</b>	1	0	097	1535.54
820-664CF	<b>12X4</b>	1	0	097	1621.26



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Cross (continued)**

**Soc**

820-666CF	<b>12X6</b>	1	0	097	1882.90
820-668CF	<b>12X8</b>	1	0	097	2196.37
820-670CF	<b>12X10</b>	0	0	097	2613.88
820-691CF	<b>14X2</b>	1	0	097	2690.85
820-693CF	<b>14X3</b>	1	0	097	2841.97
820-694CF	<b>14X4</b>	1	0	097	2968.20
820-696CF	<b>14X6</b>	1	0	097	4083.07
820-698CF	<b>14X8</b>	1	0	097	4642.71
820-700CF	<b>14X10</b>	1	0	097	5169.66
820-702CF	<b>14X12</b>	1	0	097	5893.52
820-751CF	<b>16X2</b>	1	0	097	3821.73
820-753CF	<b>16X3</b>	1	0	097	3982.35
820-754CF	<b>16X4</b>	1	0	097	4137.99
820-756CF	<b>16X6</b>	1	0	097	5494.33
820-758CF	<b>16X8</b>	1	0	097	6073.02
820-762CF	<b>16X12</b>	1	0	097	7118.62
820-764CF	<b>16X14</b>	1	0	097	9334.24
820-781CF	<b>18X2</b>	1	0	097	5118.98
820-783CF	<b>18X3</b>	1	0	097	5313.95
820-784CF	<b>18X4</b>	1	0	097	6176.93
820-786CF	<b>18X6</b>	1	0	097	7071.68
820-788CF	<b>18X8</b>	1	0	097	7721.70
820-790CF	<b>18X10</b>	1	0	097	8467.87
820-792CF	<b>18X12</b>	1	0	097	9194.59
820-794CF	<b>18X14</b>	1	0	097	11423.52
820-796CF	<b>18X16</b>	1	0	097	12808.17

<sup>1</sup> Sized with Bushing

**Coupling Soc**



829-002C	<b>1/4</b>	25	450	090	15.59
829-003C	<b>3/8</b>	25	150	090	15.59
829-005C	<b>1/2</b>	25	150	090	6.06
829-007C	<b>3/4</b>	15	90	090	8.47
829-010C	<b>1</b>	15	90	090	11.41
829-012C	<b>1-1/4</b>	10	80	090	17.09
829-015C	<b>1-1/2</b>	10	40	090	21.51
829-020C	<b>2</b>	20	0	090	25.00
829-025C	<b>2-1/2</b>	5	0	090	55.64
829-030C	<b>3</b>	5	0	090	60.46
829-040C	<b>4</b>	5	0	090	79.23
829-050C	<b>5</b>	6	0	090	177.28
829-060C	<b>6</b>	4	0	090	186.61
829-080C	<b>8</b>	4	0	090	504.33
829-100C	<b>10</b>	1	0	091	634.38
829-120C	<b>12</b>	1	0	091	743.02
829-140C	<b>14</b>	1	0	091	945.43
829-140CF	<b>14</b>	1	0	097	2085.69
829-160CF	<b>16</b>	1	0	097	3202.70
829-180CF	<b>18</b>	1	0	097	3961.48
829-200CF	<b>20</b>	1	0	097	5548.95
829-240CF	<b>24</b>	1	0	097	6934.51

**Grooved Coupling Adapter Groove x Soc**



833-012C	<b>1-1/4</b>	10	60	090	27.27
833-015C	<b>1-1/2</b>	10	80	090	35.96
833-020C	<b>2</b>	5	40	090	46.74
833-025C	<b>2-1/2</b>	5	0	090	76.87
833-030C	<b>3</b>	5	0	090	94.78
833-040C	<b>4</b>	5	0	090	161.29
833-050CF	<b>5</b>	1	7	097	178.48

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Grooved Coupling Adapter (continued)**

**Groove x Soc**

833-060C	<b>6</b>	5	0	090	230.73
833-080CF	<b>8</b>	1	4	097	291.00
833-100CF	<b>10</b>	1	0	097	456.70
833-120CF	<b>12</b>	1	0	097	644.11

**Coupling Fipt**



830-002C	<b>1/4</b>	25	450	090	19.59
830-003C	<b>3/8</b>	25	150	090	19.59
830-005C	<b>1/2</b>	25	150	090	16.12
830-007C	<b>3/4</b>	25	150	090	26.04
830-010C	<b>1</b>	15	90	090	29.56
830-012C	<b>1-1/4</b>	10	60	090	31.35
830-015C	<b>1-1/2</b>	10	80	090	33.69
830-020C	<b>2</b>	10	0	090	39.71
830-025C	<b>2-1/2</b>	5	0	090	71.26
830-030C	<b>3</b>	5	0	090	82.95
830-040C	<b>4</b>	5	0	090	169.09
830-060CF	<b>6</b>	1	8	097	230.45

**Special Reinforced Coupling SR Fipt - Stainless Steel Collar**



830-005CSR	<b>1/2</b>	25	300	096	8.84
830-007CSR	<b>3/4</b>	25	300	096	14.29
830-010CSR	<b>1</b>	25	200	096	16.23
830-012CSR	<b>1-1/4</b>	10	120	096	17.24
830-015CSR	<b>1-1/2</b>	10	80	096	18.49
830-020CSR	<b>2</b>	10	0	096	21.85

**Reducer Coupling Soc**



829-101C	<b>3/4X1/2</b>	50	400	090	15.86
829-130C	<b>1X1/2</b>	25	200	090	22.62
829-131C	<b>1X3/4</b>	25	200	090	22.62
829-166C	<b>1-1/4X1/2</b>	25	0	090	51.79
829-167C	<b>1-1/4X3/4</b>	25	0	090	51.79
829-168C	<b>1-1/4X1</b>	25	0	090	51.79
829-209C	<b>1-1/2X1/2</b>	25	0	090	51.38
829-210C	<b>1-1/2X3/4</b>	25	0	090	51.38
829-211C	<b>1-1/2X1</b>	25	0	090	51.38
829-212C	<b>1-1/2X1-1/4</b>	25	0	090	51.38
829-247C	<b>2X1/2</b>	25	0	090	67.94
829-248C	<b>2X3/4</b>	10	80	090	67.94
829-249C	<b>2X1</b>	10	40	090	67.94
829-250C	<b>2X1-1/4</b>	10	0	090	67.94
829-251C	<b>2X1-1/2</b>	10	40	090	67.94
829-291C	<b>2-1/2X1-1/2</b>	10	0	090	77.36
829-292C	<b>2-1/2X2</b>	10	0	090	77.36
829-335C <sup>1</sup>	<b>3X1</b>	8	0	090	191.34
829-336C <sup>1</sup>	<b>3X1-1/4</b>	6	0	090	197.19
829-337C <sup>1</sup>	<b>3X1-1/2</b>	8	0	090	197.19
829-338C	<b>3X2</b>	8	0	090	156.31
829-339C <sup>1</sup>	<b>3X2-1/2</b>	5	0	090	156.97
829-339CF	<b>3X2-1/2</b>	1	9	097	149.13
829-416C <sup>1</sup>	<b>4X3/4</b>	4	0	090	225.41
829-417C <sup>1</sup>	<b>4X1</b>	4	0	090	225.41
829-419C <sup>1</sup>	<b>4X1-1/2</b>	4	0	090	225.41
829-420C	<b>4X2</b>	6	0	090	186.47
829-421C	<b>4X2-1/2</b>	4	0	090	186.47
829-422C	<b>4X3</b>	4	0	090	186.47
829-488CF	<b>5X3</b>	1	6	097	183.99
829-490CF	<b>5X4</b>	1	6	097	116.05



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Coupling (continued)**

**Soc**

829-528C <sup>1</sup>	<b>6X2</b>	6	0	090	493.30
829-529C <sup>1</sup>	<b>6X2-1/2</b>	4	0	090	581.36
829-530C <sup>1</sup>	<b>6X3</b>	12	0	090	503.39
829-532C	<b>6X4</b>	4	0	090	423.57
829-580CF	<b>8X3</b>	1	6	097	448.60
829-582C <sup>1</sup>	<b>8X4</b>	2	0	090	768.61
829-582CF	<b>8X4</b>	1	4	097	397.70
829-585C	<b>8X6</b>	2	0	090	733.90
829-621CF	<b>10X2</b>	1	0	097	831.03
829-623CF	<b>10X3</b>	1	2	097	696.96
829-624CF	<b>10X4</b>	1	2	097	669.90
829-625CF	<b>10X5</b>	1	2	097	722.05
829-626C	<b>10X6</b>	1	0	091	1141.32
829-626CF	<b>10X6</b>	1	2	097	515.81
829-628C	<b>10X8</b>	1	0	091	1141.32
829-628CF	<b>10X8</b>	1	4	097	675.89
829-664CF	<b>12X4</b>	1	2	097	1491.05
829-665CF	<b>12X5</b>	1	0	097	1490.02
829-666CF	<b>12X6</b>	1	0	097	1386.74
829-668C	<b>12X8</b>	1	0	091	1243.52
829-668CF	<b>12X8</b>	1	0	097	1061.20
829-670CF	<b>12X10</b>	1	2	097	565.90
829-694CF	<b>14X4</b>	1	0	097	2164.70
829-696CF	<b>14X6</b>	1	0	097	2044.37
829-698CF	<b>14X8</b>	1	0	097	1702.02
829-700CF	<b>14X10</b>	1	0	097	1456.76
829-702CF	<b>14X12</b>	1	0	097	1274.36
829-754CF	<b>16X4</b>	1	0	097	2666.76
829-756CF	<b>16X6</b>	1	0	097	2744.56
829-758CF	<b>16X8</b>	1	0	097	3137.04
829-760CF	<b>16X10</b>	1	0	097	3004.83
829-762CF	<b>16X12</b>	1	0	097	2847.83
829-764CF	<b>16X14</b>	1	0	097	2530.18
829-783CF	<b>18X3</b>	1	0	097	5495.29
829-784CF	<b>18X4</b>	1	0	097	5452.12
829-786CF	<b>18X6</b>	1	0	097	5411.43
829-788CF	<b>18X8</b>	1	0	097	5293.72
829-790CF	<b>18X10</b>	1	0	097	5261.90
829-792CF	<b>18X12</b>	1	0	097	5171.87
829-794CF	<b>18X14</b>	1	0	097	5090.67
829-796CF	<b>18X16</b>	1	0	097	3716.10
829-818CF	<b>20X8</b>	1	0	097	5251.22
829-826CF	<b>20X16</b>	1	0	097	6002.95
829-828CF	<b>20X18</b>	1	0	097	5562.71
829-906CF	<b>24X6</b>	1	0	097	8787.79
829-918CF	<b>24X18</b>	1	0	097	12333.74
829-920CF	<b>24X20</b>	1	0	097	11100.26

<sup>1</sup> Sized with Bushing

**Eccentric Reducer Coupling**

**Soc**



829-101CFE	<b>3/4X1/2</b>	1	15	097	35.17
829-130CFE	<b>1X1/2</b>	1	16	097	38.15
829-131CFE	<b>1X3/4</b>	1	15	097	36.71
829-168CFE	<b>1-1/4X1</b>	1	12	097	39.88
829-209CFE	<b>1-1/2X1/2</b>	1	10	097	63.17
829-210CFE	<b>1-1/2X3/4</b>	1	10	097	75.80
829-212CFE	<b>1-1/2X1-1/4</b>	1	20	097	41.78
829-249CFE	<b>2X1</b>	1	25	097	57.14
829-250CFE	<b>2X1-1/4</b>	1	25	097	52.01
829-251CFE	<b>2X1-1/2</b>	1	10	097	50.79
829-290CFE <sup>2</sup>	<b>2-1/2X1-1/4</b>	1	10	097	86.71
829-291CFE <sup>2</sup>	<b>2-1/2X1-1/2</b>	1	20	097	86.53
829-292CFE	<b>2-1/2X2</b>	1	10	097	61.45

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Eccentric Reducer Coupling (continued)**

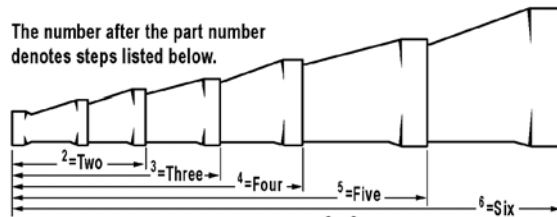
**Soc**

829-335CFE <sup>2</sup>	<b>3X1</b>	1	10	097	135.11
829-336CFE <sup>2</sup>	<b>3X1-1/4</b>	1	10	097	129.02
829-337CFE <sup>2</sup>	<b>3X1-1/2</b>	1	10	097	126.90
829-338CFE	<b>3X2</b>	1	20	097	82.27
829-339CFE	<b>3X2-1/2</b>	1	10	097	80.84
829-417CFE <sup>3</sup>	<b>4X1</b>	1	18	097	208.47
829-418CFE <sup>3</sup>	<b>4X1-1/4</b>	1	6	097	212.29
829-419CFE <sup>3</sup>	<b>4X1-1/2</b>	1	6	097	200.91
829-420CFE <sup>2</sup>	<b>4X2</b>	1	10	097	183.86
829-421CFE <sup>2</sup>	<b>4X2-1/2</b>	1	6	097	169.72
829-422CFE	<b>4X3</b>	1	10	097	119.01
829-490CFE	<b>5X4</b>	1	8	097	141.03
829-528CFE <sup>3</sup>	<b>6X2</b>	1	6	097	371.57
829-529CFE <sup>3</sup>	<b>6X2-1/2</b>	1	4	097	346.13
829-530CFE <sup>2</sup>	<b>6X3</b>	1	6	097	296.76
829-532CFE	<b>6X4</b>	1	10	097	252.62
829-578CFE <sup>4</sup>	<b>8X2</b>	1	0	097	738.34
829-580CFE <sup>3</sup>	<b>8X3</b>	1	2	097	666.30
829-582CFE <sup>2</sup>	<b>8X4</b>	1	2	097	633.95
829-583CFE <sup>2</sup>	<b>8X5</b>	1	2	097	564.99
829-585CFE	<b>8X6</b>	1	4	097	549.78
829-624CFE <sup>3</sup>	<b>10X4</b>	1	0	097	1315.94
829-625CFE <sup>3</sup>	<b>10X5</b>	1	0	097	1165.23
829-626CFE <sup>2</sup>	<b>10X6</b>	1	2	097	1128.24
829-628CFE	<b>10X8</b>	1	2	097	810.57
829-664CFE <sup>4</sup>	<b>12X4</b>	1	0	097	2370.37
829-666CFE <sup>3</sup>	<b>12X6</b>	1	0	097	1548.91
829-668CFE <sup>2</sup>	<b>12X8</b>	1	0	097	1477.24
829-670CFE	<b>12X10</b>	1	0	097	1321.99
829-696CFE <sup>3</sup>	<b>14X6</b>	1	0	097	2564.21
829-698CFE <sup>2</sup>	<b>14X8</b>	1	0	097	2514.14
829-700CFE	<b>14X10</b>	1	0	097	1792.15
829-702CFE	<b>14X12</b>	1	0	097	1636.18
829-756CFE <sup>5</sup>	<b>16X6</b>	1	0	097	4683.61
829-758CFE <sup>4</sup>	<b>16X8</b>	1	0	097	4528.44
829-760CFE <sup>3</sup>	<b>16X10</b>	1	0	097	4445.33
829-762CFE <sup>2</sup>	<b>16X12</b>	1	0	097	4270.57
829-764CFE	<b>16X14</b>	1	0	097	3929.01
829-786CFE <sup>6</sup>	<b>18X6</b>	1	0	097	9031.24
829-788CFE <sup>5</sup>	<b>18X8</b>	1	0	097	8905.90
829-790CFE <sup>4</sup>	<b>18X10</b>	1	0	097	8560.94
829-792CFE <sup>3</sup>	<b>18X12</b>	1	0	097	7915.81
829-794CFE <sup>2</sup>	<b>18X14</b>	1	0	097	7352.52
829-796CFE	<b>18X16</b>	1	0	097	5636.04

**Eccentric Reducer Coupling Footnotes**

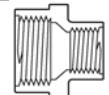
**Multi-Step Configurations**

The number after the part number denotes steps listed below.



**Reducer Coupling**

**Fipt**



830-101C	<b>3/4X1/2</b>	50	200	090	26.41
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**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Reducer Coupling**  
SR Fipt - Stainless Steel Collar



830-101CSR	3/4X1/2	50	200	096	15.85
830-130CSR	1X1/2	50	0	096	19.13
830-131CSR	1X3/4	25	200	096	19.13
830-168CSR	1-1/4X1	25	0	096	26.02
830-210CSR	1-1/2X3/4	25	0	096	37.21
830-211CSR	1-1/2X1	10	80	096	37.21
830-212CSR	1-1/2X1-1/4	10	80	096	37.21
830-249CSR	2X1	25	0	096	91.60
830-251CSR	2X1-1/2	15	0	096	91.60

**Female Adapter**  
Soc x Fipt



835-002C	1/4	25	450	090	19.78
835-003C	3/8	25	150	090	19.78
835-005C	1/2	25	150	090	9.80
835-007C	3/4	15	90	090	9.71
835-010C	1	15	90	090	23.91
835-012C	1-1/4	10	120	090	24.48
835-015C	1-1/2	10	80	090	28.52
835-020C	2	10	0	090	49.15
835-025C	2-1/2	5	0	090	94.28
835-030C	3	5	0	090	193.44
835-040C	4	5	0	090	321.97
835-060C	6	6	0	090	457.12
835-060CF	6	1	8	097	289.56
835-080C	8	3	0	090	722.27
835-080CF	8	1	0	097	364.23
835-100CF	10	1	2	097	529.27
835-120CF	12	1	0	097	685.85

**Special Reinforced Female Adapter**  
Soc x SR Fipt - Stainless Steel Collar



835-002CSR	1/4	25	450	096	12.41
835-003CSR	3/8	25	300	096	12.41
835-005CSR	1/2	25	300	096	5.33
835-007CSR	3/4	25	150	096	5.76
835-010CSR	1	25	200	096	13.13
835-012CSR	1-1/4	10	60	096	13.47
835-015CSR	1-1/2	10	80	096	15.64
835-020CSR	2	10	0	096	22.22
835-025CSR	2-1/2	5	0	096	51.67
835-030CSR	3	15	0	096	106.16
835-040CSR	4	5	0	096	176.69
835-060CSR	6	6	0	096	276.02

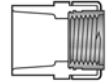
**Encapsulated Special Reinforced (SR) Female Adapter**  
Soc x ESR Fipt



835-002CESR	1/4	25	450	096	15.74
835-003CESR	3/8	25	300	096	15.74
835-005CESR	1/2	25	300	096	8.17
835-007CESR	3/4	25	300	096	8.63
835-010CESR	1	25	200	096	19.01
835-012CESR	1-1/4	10	80	096	19.46
835-015CESR	1-1/2	10	0	096	25.19
835-020CESR	2	10	0	096	39.16

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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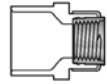
**Transition Female Adapter**  
Soc x Fipt With Brass Thread Insert



835-005CBR	1/2	25	150	096	30.06
835-007CBR	3/4	15	90	096	62.21
835-010CBR	1	15	90	096	109.17
835-012CBR	1-1/4	15	60	096	178.10
835-015CBR	1-1/2	10	80	096	234.82
835-020CBR	2	8	32	096	293.28

Not intended to convey or dispense water for human consumption through drinking or cooking

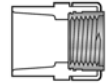
**Transition Reducing Female Adapter**  
Soc x Fipt With Brass Thread Insert



835-101CBR	3/4X1/2	50	0	096	43.52
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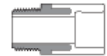
Not intended to convey or dispense water for human consumption through drinking or cooking

**Transition Female Adapter**  
Soc x Fipt With Type 316 Stainless Steel Thread Insert



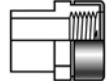
835-005CSS	1/2	25	150	096	59.02
835-007CSS	3/4	15	90	096	82.40
835-010CSS	1	15	90	096	144.22
835-012CSS	1-1/4	15	0	096	234.38
835-015CSS	1-1/2	10	60	096	305.78
835-020CSS	2	8	32	096	357.85

**Transition Male Adapter w/Brass Thread**  
Brass Mipt x Socket



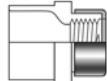
836-005CBR	1/2	40	160	096	66.63
836-007CBR	3/4	40	160	096	93.81
836-010CBR	1	10	60	096	163.39
836-012CBR	1-1/4	10	60	096	265.77
836-015CBR	1-1/2	10	40	096	345.52
836-020CBR	2	8	32	096	404.89

**Special Reinforced Spigot Female Adapter**  
Spig x SR Fipt - Stainless Steel Collar



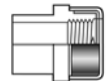
878-005CSR	1/2	50	600	096	5.68
878-007CSR	3/4	25	300	096	5.99
878-010CSR	1	50	0	096	13.48
878-012CSR	1-1/4	25	0	096	13.95
878-015CSR	1-1/2	25	0	096	16.19
878-020CSR	2	15	0	096	29.49
878-030CSR	3	5	0	096	107.49
878-040CSR	4	5	0	096	180.45

**Special Reinforced Reducing Female Adapter**  
Soc x SR Fipt - Stainless Steel Collar



835-074CSR	1/2X3/4	50	400	096	5.76
835-101CSR	3/4X1/2	50	400	096	5.76
835-102CSR	3/4X1	50	0	096	13.13
835-130CSR	1X1/2	50	0	096	13.13
835-131CSR	1X3/4	25	200	096	13.13

**Encapsulated Special Reinforced (SR) Female Adapter**  
Spig x ESR Fipt



878-005CESR	1/2	50	600	096	8.41
878-007CESR	3/4	25	300	096	8.95
878-010CESR	1	50	0	096	19.19



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Encapsulated Special Reinforced (SR) Female Adapter (continued)**

Spig x ESR Fipt

878-012CESR	1-1/4	25	0	096	19.71
878-015CESR	1-1/2	25	0	096	25.70
878-020CESR	2	15	0	096	39.72

**Special Reinforced Reducing Spigot Female Adapter**

Spig x SR Fipt - Stainless Steel Collar



878-072CSR	1/2X1/4	25	450	096	16.28
878-098CSR	3/4X1/4	50	400	096	18.95
878-128CSR	1X1/4	50	400	096	21.21

**Male Adapter**

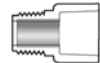
Mipt x Soc



836-005C	1/2	25	150	090	7.83
836-007C	3/4	25	150	090	9.55
836-010C	1	20	240	090	16.09
836-131C	1X3/4	25	0	090	33.39
836-012C	1-1/4	10	60	090	23.72
836-015C	1-1/2	10	120	090	32.05
836-020C	2	10	80	090	43.48
836-025C	2-1/2	5	0	090	118.56
836-030C	3	5	0	090	159.32
836-040C	4	5	0	090	269.34
836-060C	6	5	0	090	386.02
836-060CF	6	1	8	097	273.59
836-080CF	8	1	2	097	349.30
836-100CF	10	1	2	097	647.21
836-120CF	12	1	0	097	753.18

**Reinforced Male Adapter**

R Mipt x Soc - Stainless Steel Sleeve



836-005CR	1/2	25	150	096	8.19
836-007CR	3/4	25	300	096	9.38
836-010CR	1	10	120	096	11.12

**Male Adapter**

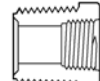
Spig x Mipt



861-005C	1/2	50	300	090	9.54
861-007C	3/4	25	150	090	11.85
861-010C	1	50	0	090	20.10
861-131C	1X3/4	50	200	090	23.48
861-012C	1-1/4	25	200	090	22.80
861-015C	1-1/2	25	0	090	25.17
861-020C	2	25	0	090	29.45

**Reducer (T.T.) Bushing Flush Style**

Mipt x Fipt



839-041C	1/4X1/8	25	500	090	18.29
839-052C	3/8X1/4	50	450	090	18.29
839-072C	1/2X1/4	50	300	090	18.29
839-073C	1/2X3/8	50	600	090	18.29
839-098C	3/4X1/4	50	300	090	20.16
839-099C	3/4X3/8	50	300	090	20.16
839-101C	3/4X1/2	50	300	090	8.67
839-128C	1X1/4	25	150	090	21.77
839-129C	1X3/8	50	600	090	21.77
839-130C	1X1/2	50	300	090	14.61
839-131C	1X3/4	50	700	090	14.61
839-166C	1-1/4X1/2	25	300	090	29.02

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer (T.T.) Bushing Flush Style (continued)**

Mipt x Fipt

839-167C	1-1/4X3/4	25	300	090	29.02
839-168C	1-1/4X1	25	300	090	28.79
839-209C	1-1/2X1/2	25	200	090	34.95
839-210C	1-1/2X3/4	25	200	090	34.95
839-211C	1-1/2X1	25	200	090	34.95
839-212C	1-1/2X1-1/4	25	200	090	34.68
839-247C	2X1/2	10	60	090	38.66
839-248C	2X3/4	10	60	090	38.66
839-249C	2X1	10	60	090	38.66
839-250C	2X1-1/4	10	120	090	38.66
839-251C	2X1-1/2	10	60	090	34.68
839-292C	2-1/2X2	10	40	090	92.93
839-337C	3X1-1/2	10	0	090	125.02
839-338C	3X2	10	0	090	125.02
839-339C	3X2-1/2	10	0	090	125.02
839-420C	4X2	6	0	090	214.82
839-422C	4X3	6	0	090	214.82
839-530C	6X3	5	0	090	775.51
839-532C	6X4	5	0	090	775.51

**Special Reinforced Reducing Bushing**

Mipt x SR Fipt - Stainless Steel Collar



839-209CSR	1-1/2X1/2	25	200	096	21.00
839-210CSR	1-1/2X3/4	25	100	096	21.00
839-247CSR	2X1/2	10	120	096	23.21
839-248CSR	2X3/4	10	120	096	23.21
839-249CSR	2X1	10	120	096	23.21
839-420CSR	4X2	6	0	096	128.88

**Reducer Bushing Flush Style**

Spig x Soc



837-052C	3/8X1/4	50	450	090	12.67
837-072C	1/2X1/4	50	600	090	12.67
837-073C	1/2X3/8	50	300	090	12.67
837-101C	3/4X1/2	50	300	090	6.46
837-129C <sup>1</sup>	1X3/8	50	0	090	22.02
837-130C	1X1/2	50	400	090	10.04
837-131C	1X3/4	50	300	090	10.04
837-166C	1-1/4X1/2	25	300	090	26.66
837-167C	1-1/4X3/4	25	150	090	26.66
837-168C	1-1/4X1	25	150	090	26.66
837-209C	1-1/2X1/2	25	200	090	30.14
837-210C	1-1/2X3/4	25	200	090	30.14
837-211C	1-1/2X1	25	200	090	30.14
837-212C	1-1/2X1-1/4	25	200	090	30.14
837-247C	2X1/2	10	120	090	38.90
837-248C	2X3/4	10	60	090	38.90
837-249C	2X1	10	60	090	38.90
837-250C	2X1-1/4	10	60	090	38.90
837-251C	2X1-1/2	10	60	090	38.90
837-289C <sup>1</sup>	2-1/2X1	5	40	090	66.90
837-290C	2-1/2X1-1/4	10	80	090	47.38
837-291C	2-1/2X1-1/2	10	40	090	47.38
837-292C	2-1/2X2	15	0	090	47.38
837-334C <sup>1</sup>	3X3/4	10	0	090	82.52
837-335C	3X1	10	0	090	72.18
837-336C	3X1-1/4	10	0	090	72.18
837-337C	3X1-1/2	10	0	090	72.18
837-338C	3X2	10	0	090	72.18
837-339C	3X2-1/2	15	0	090	72.18
837-420C	4X2	6	0	090	79.81
837-421C <sup>1</sup>	4X2-1/2	6	0	090	79.81
837-422C	4X3	6	0	090	79.81



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing Flush Style (continued)**

**Spig x Soc**

837-490C	5X4	4	0	090	150.86
837-528C	6X2	5	0	090	171.22
837-529C <sup>1</sup>	6X2-1/2	5	0	090	248.37
837-530C	6X3	5	0	090	171.22
837-532C	6X4	5	0	090	170.02
837-578C <sup>1</sup>	8X2	4	0	090	738.18
837-580C <sup>1</sup>	8X3	4	0	090	738.18
837-582C	8X4	4	0	090	738.18
837-585C	8X6	4	0	090	559.74
837-621C <sup>1</sup>	10X2	2	0	091	1229.73
837-623C <sup>1</sup>	10X3	1	2	091	1229.73
837-624C <sup>1</sup>	10X4	4	0	091	1229.73
837-626C	10X6	4	0	091	990.68
837-628C	10X8	4	0	091	990.68
837-628CF	10X8	1	6	097	857.33
837-663CF	12X3	1	2	097	1388.72
837-664C	12X4	2	0	091	2019.16
837-666CF	12X6	1	2	097	1187.67
837-668C	12X8	2	0	091	1249.00
837-670CF	12X10	1	3	097	894.32
837-696CF	14X6	1	3	097	3135.05
837-698CF	14X8	1	3	097	2185.65
837-700CF	14X10	1	3	097	1774.65
837-702CF	14X12	1	3	097	1286.02
837-756CF	16X6	1	2	097	4942.52
837-758CF	16X8	1	0	097	4619.87
837-760CF	16X10	1	0	097	3693.64
837-762CF	16X12	1	2	097	1879.09
837-764CF	16X14	1	2	097	1789.38
837-788CF	18X8	1	0	097	5474.41
837-796CF	18X16	1	0	097	1997.67

<sup>1</sup> Sized with Bushing

**Reducer Bushing Flush Style**

**Spig x Fipt**



838-052C	3/8X1/4	50	450	090	13.62
838-071C	1/2X1/8	50	600	090	13.62
838-072C	1/2X1/4	50	600	090	13.62
838-073C	1/2X3/8	50	300	090	13.62
838-098C	3/4X1/4	50	600	090	15.19
838-099C	3/4X3/8	50	600	090	15.19
838-101C	3/4X1/2	50	600	090	7.05
838-129C	1X3/8	50	400	090	20.17
838-130C	1X1/2	50	400	090	8.94
838-131C	1X3/4	50	400	090	8.94
838-166C	1-1/4X1/2	25	300	090	28.87
838-167C	1-1/4X3/4	25	300	090	28.87
838-168C	1-1/4X1	25	300	090	28.87
838-207C	1-1/2X1/4	25	200	090	35.56
838-209C	1-1/2X1/2	25	200	090	35.56
838-210C	1-1/2X3/4	25	200	090	35.56
838-211C	1-1/2X1	25	200	090	35.56
838-212C	1-1/2X1-1/4	25	200	090	35.56
838-247C	2X1/2	10	120	090	48.89
838-248C	2X3/4	10	60	090	48.89
838-249C	2X1	10	120	090	48.89
838-250C	2X1-1/4	10	120	090	48.89
838-251C	2X1-1/2	10	120	090	48.89
838-287C	2-1/2X1/2	10	0	090	78.21
838-288C	2-1/2X3/4	10	40	090	78.21
838-289C	2-1/2X1	10	40	090	78.21
838-290C	2-1/2X1-1/4	10	0	090	78.21
838-291C	2-1/2X1-1/2	10	40	090	77.68
838-292C	2-1/2X2	10	40	090	77.68

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducer Bushing Flush Style (continued)**

**Spig x Fipt**

838-334C	3X3/4	10	0	090	206.95
838-335C	3X1	10	0	090	206.95
838-336C	3X1-1/4	10	0	090	181.04
838-337C	3X1-1/2	10	0	090	181.04
838-338C	3X2	10	0	090	173.16
838-339C	3X2-1/2	10	0	090	174.56
838-420C	4X2	6	0	090	352.84
838-421C	4X2-1/2	6	0	090	352.84
838-422C	4X3	6	0	090	352.84
838-530C	6X3	5	0	090	711.37
838-532C	6X4	5	0	090	711.37

**Special Reinforced Reducer Bushing**

**Spig x SR Fipt - Stainless Steel Collar**



838-128CSR	1X1/4	25	150	096	12.10
838-207CSR	1-1/2X1/4	25	200	096	20.47
838-209CSR	1-1/2X1/2	10	120	096	21.34
838-210CSR	1-1/2X3/4	10	120	096	21.34
838-247CSR	2X1/2	10	80	096	29.32
838-248CSR	2X3/4	10	80	096	29.32
838-249CSR	2X1	10	80	096	29.32
838-334CSR	3X3/4	10	0	096	124.15
838-335CSR	3X1	10	0	096	124.15
838-336CSR	3X1-1/4	10	0	096	124.15
838-337CSR	3X1-1/2	10	0	096	124.15
838-528CSR	6X2	5	0	096	426.81
838-530CSR	6X3	5	0	096	426.81

**Cap Soc**



847-002C	1/4	25	450	090	10.43
847-003C	3/8	25	450	090	10.43
847-005C	1/2	25	150	090	9.44
847-007C	3/4	25	300	090	13.45
847-010C	1	15	90	090	23.80
847-012C	1-1/4	10	60	090	26.04
847-015C	1-1/2	10	60	090	26.04
847-020C	2	10	80	090	27.46
847-025C	2-1/2	5	40	090	92.45
847-030C	3	5	0	090	101.34
847-040C	4	5	0	090	103.01
847-060C	6	4	0	090	340.86
847-080C	8	3	0	090	1034.39
847-100CF	10	1	5	097	864.18
847-120CF	12	1	4	097	947.13
847-140CF	14	1	2	097	2905.17
847-160CF	16	1	2	097	4272.77

**Cap Fipt**



848-002C	1/4	25	450	090	12.21
848-003C	3/8	25	450	090	12.21
848-005C	1/2	25	150	090	10.49
848-007C	3/4	25	300	090	17.36
848-010C	1	15	90	090	24.30
848-012C	1-1/4	10	120	090	43.34
848-015C	1-1/2	10	120	090	44.40
848-020C	2	10	80	090	63.96
848-025C	2-1/2	5	40	090	148.00
848-030C	3	5	0	090	194.16
848-040C	4	5	0	090	282.05



**Schedule 80 CPVC Industrial Products & Accessories**  
**CPVC Schedule 80 Fittings & Unions**

**Caps**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Cap**  
SR Fipt - Stainless Steel Collar



848-002CSR	<b>1/4</b>	25	500	096	6.71
848-003CSR	<b>3/8</b>	25	450	096	6.71
848-007CSR	<b>3/4</b>	25	300	096	10.45
848-030CSR	<b>3</b>	5	0	096	116.66

**Plugs**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Plug**  
Spig



849-005C	<b>1/2</b>	50	300	090	12.02
849-007C	<b>3/4</b>	50	300	090	14.83
849-010C	<b>1</b>	50	200	090	16.73
849-012C	<b>1-1/4</b>	25	100	090	21.34
849-015C	<b>1-1/2</b>	10	120	090	23.41
849-020C	<b>2</b>	10	120	090	31.36
849-025CF <sup>4</sup>	<b>2-1/2</b>	1	4	097	37.20
849-030CF <sup>4</sup>	<b>3</b>	1	4	097	85.54
849-040CF <sup>4</sup>	<b>4</b>	1	4	097	105.55
849-060CF <sup>4</sup>	<b>6</b>	1	6	097	131.05
849-080CF <sup>4</sup>	<b>8</b>	1	6	097	352.00
849-100CF <sup>4</sup>	<b>10</b>	1	2	097	700.36
849-120CF <sup>4</sup>	<b>12</b>	1	0	097	1357.40

<sup>4</sup> Plug fabricated using Cap and pipe spigot.

**Plug**  
Mipt



850-002C	<b>1/4</b>	50	900	090	9.82
850-003C	<b>3/8</b>	50	450	090	9.82
850-005C	<b>1/2</b>	50	500	090	8.53
850-007C	<b>3/4</b>	25	300	090	10.80
850-010C	<b>1</b>	15	180	090	17.77
850-012C	<b>1-1/4</b>	25	150	090	26.85
850-015C	<b>1-1/2</b>	25	150	090	22.27
850-020C	<b>2</b>	10	120	090	30.31
850-025C	<b>2-1/2</b>	5	30	090	51.46
850-030C	<b>3</b>	5	40	090	55.11
850-040C	<b>4</b>	5	0	090	97.78
850-060C	<b>6</b>	6	0	090	137.31

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Plug (continued)**  
Mipt

850-060CF <sup>4</sup>	<b>6</b>	1	2	097	354.57
850-080CF <sup>4</sup>	<b>8</b>	1	2	097	680.80
850-100CF <sup>4</sup>	<b>10</b>	1	3	097	982.63
850-120CF <sup>4</sup>	<b>12</b>	1	0	097	1498.82

<sup>4</sup> Plug fabricated using Cap and threaded pipe.



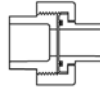
**Schedule 80 CPVC Industrial Products & Accessories  
Unions**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Union 2000**

**Soc x Spig with Viton® O-ring Seal**

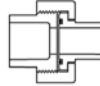


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8056-005C	1/2	20	160	090	26.01
8056-007C	3/4	20	160	090	27.17
8056-010C	1	15	90	090	32.61
8056-012C	1-1/4	10	0	090	65.99
8056-015C	1-1/2	10	0	090	67.19
8056-020C	2	5	0	090	111.38
8056-025C	2-1/2	5	0	090	203.51
8056-030C	3	5	0	090	231.17
8056-040C	4	4	0	090	295.35
8056-060C	6	1	0	090	656.33

**Union 2000**

**Soc x Spig with EPDM O-ring Seal**

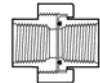


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8096-005C	1/2	20	160	090	25.93
8096-007C	3/4	20	80	090	26.85
8096-010C	1	15	90	090	32.17
8096-012C	1-1/4	10	0	090	65.14
8096-015C	1-1/2	10	0	090	66.38
8096-020C	2	5	0	090	110.01
8096-025C	2-1/2	5	0	090	182.19
8096-030C	3	5	0	090	228.32
8096-040C	4	4	0	090	291.99
8096-060C	6	1	0	090	648.87

**Union 2000**

**Fipt with Viton® O-ring Seal**

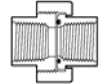


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

858-002C	1/4	25	150	090	43.96
858-003C	3/8	25	100	090	43.96
8058-005C	1/2	20	120	090	27.86
8058-007C	3/4	20	80	090	49.24
8058-010C	1	15	90	090	67.90
8058-012C	1-1/4	10	0	090	129.37
8058-015C	1-1/2	10	0	090	129.37
8058-020C	2	5	0	090	146.23
8058-025C	2-1/2	5	0	090	235.59
8058-030C	3	5	0	090	447.02
8058-040C	4	4	0	090	480.53
8058-060C	6	1	0	090	1067.87

**Union 2000**

**Fipt with EPDM O-ring Seal**



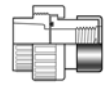
235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

898-002C	1/4	25	150	090	43.43
898-003C	3/8	25	100	090	43.43
8098-005C	1/2	20	120	090	27.51
8098-007C	3/4	20	80	090	48.63
8098-010C	1	15	90	090	67.06
8098-012C	1-1/4	10	0	090	127.87
8098-015C	1-1/2	10	0	090	127.87
8098-020C	2	5	0	090	144.46
8098-025C	2-1/2	5	0	090	203.51
8098-030C	3	5	0	090	404.90
8098-040C	4	4	0	090	471.38
8098-060C	6	1	0	090	1047.50

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Union 2000**

**Soc x SR Fipt with Viton® O-ring Seal**

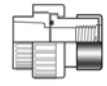


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005CSR	1/2	25	200	096	15.32
8059-007CSR	3/4	20	160	096	27.03
8059-010CSR	1	15	90	096	37.24
8059-012CSR	1-1/4	10	0	096	71.00
8059-015CSR	1-1/2	10	0	096	77.18
8059-020CSR	2	5	0	096	80.35
8059-025CSR	2-1/2	5	0	096	139.13
8059-030CSR	3	5	0	096	226.04
8059-040CSR	4	4	0	096	263.72
8059-060CSR	6	1	0	096	586.10

**Special Reinforced Union 2000**

**Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar**

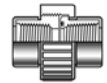


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005CSR	1/2	20	160	096	15.02
8099-007CSR	3/4	20	160	096	26.67
8099-010CSR	1	15	90	096	36.93
8099-012CSR	1-1/4	10	0	096	69.96
8099-015CSR	1-1/2	10	0	096	76.09
8099-020CSR	2	5	0	096	80.12
8099-025CSR	2-1/2	5	0	096	137.43
8099-030CSR	3	5	0	096	223.20
8099-040CSR	4	4	0	096	262.13
8099-060CSR	6	1	0	096	582.54

**Special Reinforced Union 2000**

**SR Fipt with Viton® O-ring Seal - Stainless Steel Collar**

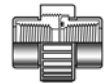


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005CSR	1/2	20	160	096	15.72
8058-007CSR	3/4	20	80	096	27.41
8058-010CSR	1	15	90	096	37.67
8058-012CSR	1-1/4	10	0	096	71.00
8058-015CSR	1-1/2	10	0	096	77.48
8058-020CSR	2	5	0	096	81.64
8058-030CSR	3	5	0	096	230.71
8058-040CSR	4	4	0	096	270.28
8058-060CSR	6	1	0	096	608.69

**Special Reinforced Union 2000**

**SR Fipt with EPDM O-ring Seal - Stainless Steel Collar**

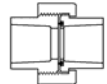


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8098-005CSR	1/2	20	160	096	15.20
8098-007CSR	3/4	20	80	096	27.16
8098-010CSR	1	15	90	096	37.24
8098-012CSR	1-1/4	10	0	096	70.31
8098-015CSR	1-1/2	10	0	096	76.88
8098-020CSR	2	5	0	096	80.84
8098-025CSR	2-1/2	5	0	096	139.70
8098-030CSR	3	5	0	096	227.14
8098-040CSR	4	4	0	096	262.95
8098-060CSR	6	1	0	096	584.34

**Union (Old Style)**

**Soc with Viton® O-ring Seal**



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

857-005C	1/2	10	60	090	26.01
857-007C	3/4	10	60	090	27.17



## Schedule 80 CPVC Industrial Products & Accessories Unions

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union (Old Style) (continued)

#### Soc with Viton® O-ring Seal

857-010C	1	10	40	090	32.61
857-012C	1-1/4	5	20	090	65.99
857-015C	1-1/2	5	0	090	67.19
857-020C	2	5	0	090	111.38
857-025C	2-1/2	5	0	090	182.67
857-030C	3	5	0	090	231.17
857-040C	4	4	0	090	295.35

### Union (Old Style)

#### Soc with EPDM O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

897-005C	1/2	10	60	090	25.93
897-007C	3/4	10	60	090	26.85
897-010C	1	10	40	090	32.17
897-012C	1-1/4	5	20	090	65.14
897-015C	1-1/2	5	0	090	66.38
897-020C	2	5	0	090	110.01
897-025C	2-1/2	5	0	090	182.19
897-030C	3	5	0	090	228.32
897-040C	4	4	0	090	291.99

### Union (Old Style)

#### Soc x Fipt with Viton® O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-005C	1/2	10	60	090	29.61
859-007C	3/4	10	40	090	51.67
859-010C	1	10	40	090	71.32
859-012C	1-1/4	5	20	090	135.84
859-015C	1-1/2	5	0	090	135.84
859-020C	2	5	0	090	153.57
859-025C	2-1/2	5	0	090	249.32
859-030C	3	5	0	090	294.89
859-040C	4	4	0	090	341.00

### Union (Old Style)

#### Soc x Fipt with EPDM O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-005C	1/2	10	60	090	28.88
899-007C	3/4	10	60	090	51.06
899-010C	1	10	40	090	70.43
899-012C	1-1/4	5	20	090	134.16
899-015C	1-1/2	5	0	090	134.16
899-020C	2	5	0	090	151.67
899-025C	2-1/2	5	0	090	217.26
899-030C	3	5	0	090	291.27
899-040C	4	4	0	090	336.00

### Union

#### Soc x Fipt with Brass Thread Insert & Viton® O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-007CBR	3/4	10	20	096	138.86
859-010CBR	1	10	0	096	154.66
859-012CBR	1-1/4	5	0	096	259.26
859-015CBR	1-1/2	5	0	096	294.62
859-020CBR	2	5	0	096	332.98

Not intended to convey or dispense water for human consumption through drinking or cooking

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union

#### Soc x Fipt with Brass Thread Insert & EPDM O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-007CBR	3/4	10	40	096	136.51
899-010CBR	1	10	0	096	152.76
899-012CBR	1-1/4	5	20	096	255.99
899-015CBR	1-1/2	5	0	096	290.86
899-020CBR	2	5	0	096	328.90

Not intended to convey or dispense water for human consumption through drinking or cooking

### Union (Old Style)

#### Fipt with Viton® O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

858-005C	1/2	10	60	090	27.86
858-007C	3/4	10	60	090	49.24
858-010C	1	10	40	090	67.90
858-012C	1-1/4	5	20	090	129.37
858-015C	1-1/2	5	0	090	129.37
858-020C	2	5	0	090	146.23
858-025C	2-1/2	5	0	090	235.59
858-030C	3	5	0	090	447.02
858-040C	4	4	0	090	480.53

### Union (Old Style)

#### Fipt with EPDM O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

898-005C	1/2	10	60	090	27.51
898-007C	3/4	10	60	090	48.63
898-010C	1	10	40	090	67.06
898-012C	1-1/4	5	20	090	127.87
898-015C	1-1/2	5	0	090	127.87
898-020C	2	5	0	090	144.46
898-025C	2-1/2	5	0	090	203.51
898-030C	3	5	0	090	404.90
898-040C	4	4	0	090	471.38

### Special Reinforced Union (Old Style)

#### Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-002CSR	1/4	25	150	096	24.11
859-003CSR	3/8	25	100	096	24.11
859-005CSR	1/2	10	60	096	15.32
859-007CSR	3/4	10	40	096	27.03
859-010CSR	1	10	40	096	37.24
859-012CSR	1-1/4	5	20	096	71.00
859-015CSR	1-1/2	5	0	096	77.18
859-020CSR	2	5	0	096	80.35
859-030CSR	3	5	0	096	226.04
859-040CSR	4	4	0	096	263.72

### Special Reinforced Union (Old Style)

#### Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002CSR	1/4	25	150	096	23.95
899-003CSR	3/8	25	100	096	23.95
899-005CSR	1/2	10	60	096	15.02
899-007CSR	3/4	10	40	096	26.67
899-010CSR	1	10	40	096	36.93
899-012CSR	1-1/4	5	20	096	69.96
899-015CSR	1-1/2	5	0	096	76.09

**Schedule 80 CPVC Industrial Products & Accessories  
Unions**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Union (Old Style) (continued)**

**Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar**

899-020CSR	<b>2</b>	5	0	096	80.12
899-030CSR	<b>3</b>	5	0	096	223.20
899-040CSR	<b>4</b>	4	0	096	262.13

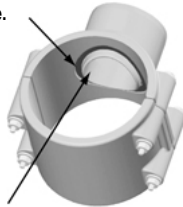


**Schedule 80 CPVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**

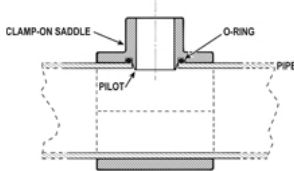
**Spears® Two-Piece Clamp-On Saddle Design Clamps onto Pipe  
for Quick and Easy Installation**



O-ring seal provides positive, trouble-free sealing to pipe.

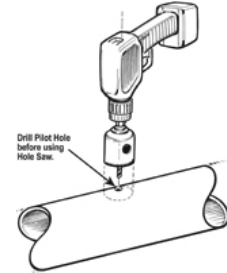


Special pilot engages with hole in pipe to prevent saddle dislocation.



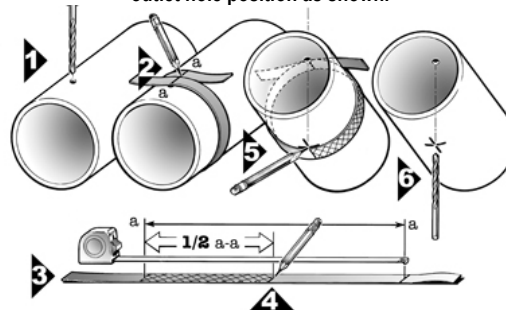
**Clamp-On Saddle  
Installation Instructions**

1. Using a standard industrial grade hole-saw, cut specified hole in desired position on pipe according to recommended hole saw size engraved on the saddle. Note: Care must be taken to deburr hole and remove all residue from hole area to assure tight fit and avoid leakage.
2. Fully seat O-ring in groove on underside of saddle outlet component. Position over hole and fully seat saddle onto pipe. Note: Certain saddle outlets are piloted. Be sure pilot lip fully engages with hole in pipe.
3. Place strap component opposite outlet and secure with bolts (4), nuts (4) and washers (8). Important: Washers MUST be placed under each bolt head (1) and under each nut (1) to avoid damage to saddle.
4. Tighten bolts to specified torque.



Saddle Size	2	3	4	6 & up
Recommended Bolt-Torque - ft/lb	8	8	8	10

**For Double Outlet Saddle Installation — Determine second outlet hole position as shown.**



**Spears® Hot-Tap Saddles Designed for Adding Branch Connections to Piping Systems Under Live (“Hot”) Pressure**

Hot-Tap Saddle branch outlets are either 3/4" socket (with 1" Spigot O.D.) or 1-1/2" socket (with 2" Spigot O.D.) in saddle sizes 2" through 6" to fit IPS pipe using a built-in O-ring seal. Internal cutter is operated using conventional ratchet and drive extension and permanently retains coupon cut from pipe. Maximum operating pressure at 73°F (23°C) is 235 psi for saddle sizes 2" - 4", 200 psi for 6" saddles and 150 psi for 8" saddles. See packaged Installation Instructions for details.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x Soc Single Outlet**

with Viton® O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

866V-247C	2X1/2	3/4	1	10	096	53.86
866V-248C	2X3/4	7/8	1	10	096	53.86
866V-249C	2X1	1-1/8	1	10	096	53.86
866V-250C	2X1-1/4	1-1/2	1	10	096	53.86
866V-251C	2X1-1/2	1-1/2	1	10	096	53.86
866V-291C	2-1/2X1-1/2	1-3/4	1	10	096	74.84
866V-333C <sup>1</sup>	3X1/2	7/8	1	10	096	74.84
866V-334C	3X3/4	7/8	1	10	096	74.84
866V-335C	3X1	1-1/8	1	10	096	74.84
866V-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	74.84
866V-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	74.84
866V-338C	3X2	2-1/4	1	10	096	74.84



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x Soc Single Outlet (continued)**

with Viton® O-ring Seal & Zinc-Plated Hardware

866V-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	89.95
866V-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	89.95
866V-417C	4X1	1-1/8	1	8	096	89.95
866V-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	89.95
866V-419C	4X1-1/2	1-3/4	1	8	096	89.95
866V-420C	4X2	2-1/4	1	8	096	89.95
866V-421C <sup>1</sup>	4X2-1/2	3	1	4	096	96.57
866V-422C	4X3	3	1	4	096	105.29
866V-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	149.94
866V-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	149.94
866V-525C	6X1	1-1/8	1	4	096	149.94
866V-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	149.94
866V-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	149.94
866V-528C	6X2	2-1/4	1	4	096	149.94

**Schedule 80 CPVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x Soc Single Outlet**  
(continued)

with Viton® O-ring Seal & Zinc-Plated Hardware

866V-529C <sup>1</sup>	6X2-1/2	3	1	4	096	162.27
866V-530C	6X3	3	1	4	096	172.74
866V-532C	6X4	4	1	4	096	184.05
866V-573C <sup>1</sup>	8X1/2	4	1	0	096	319.80
866V-574C <sup>1</sup>	8X3/4	4	1	0	096	319.80
866V-575C <sup>1</sup>	8X1	4	1	0	096	319.80
866V-576C <sup>1</sup>	8X1-1/4	4	1	0	096	319.80
866V-577C <sup>1</sup>	8X1-1/2	4	1	0	096	319.80
866V-578C <sup>1</sup>	8X2	4	1	0	096	319.80
866V-579C <sup>1</sup>	8X2-1/2	4	1	0	096	351.83
866V-580C <sup>1</sup>	8X3	4	1	0	096	369.16
866V-582C	8X4	4	1	0	096	402.00
866V-585C	8X6	6	1	0	096	552.71
866V-624C	10X4	4	1	0	096	517.05
866V-626C	10X6	6	1	0	096	594.50
866V-664C	12X4	4	1	0	096	648.11
866V-666C	12X6	6	1	0	096	686.99

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Single Outlet**

with Viton® O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



866SV-247C	2X1/2	3/4	1	10	096	82.20
866SV-248C	2X3/4	7/8	1	10	096	82.20
866SV-249C	2X1	1-1/8	1	10	096	82.20
866SV-250C	2X1-1/4	1-1/2	1	10	096	82.20
866SV-251C	2X1-1/2	1-1/2	1	10	096	82.20
866SV-291C	2-1/2X1-1/2	1-3/4	1	10	096	110.11
866SV-333C <sup>1</sup>	3X1/2	7/8	1	10	096	110.11
866SV-334C	3X3/4	7/8	1	10	096	110.11
866SV-335C	3X1	1-1/8	1	10	096	110.11
866SV-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	110.11
866SV-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	110.11
866SV-338C	3X2	2-1/4	1	10	096	110.11
866SV-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	142.23
866SV-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	142.23
866SV-417C	4X1	1-1/8	1	8	096	142.23
866SV-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	142.23
866SV-419C	4X1-1/2	1-3/4	1	8	096	142.23
866SV-420C	4X2	2-1/4	1	8	096	142.23
866SV-421C <sup>1</sup>	4X2-1/2	3	1	4	096	150.54
866SV-422C	4X3	3	1	4	096	158.20
866SV-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	226.46
866SV-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	226.46
866SV-525C	6X1	1-1/8	1	4	096	226.46
866SV-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	226.46
866SV-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	226.46
866SV-528C	6X2	2-1/4	1	4	096	226.46
866SV-529C <sup>1</sup>	6X2-1/2	3	1	4	096	235.45
866SV-530C	6X3	3	1	4	096	243.62
866SV-532C	6X4	4	1	4	096	258.94
866SV-573C <sup>1</sup>	8X1/2	4	1	0	096	417.85
866SV-574C <sup>1</sup>	8X3/4	4	1	0	096	417.85
866SV-575C <sup>1</sup>	8 X 1	4	1	0	096	417.85
866SV-576C <sup>1</sup>	8X1-1/4	4	1	0	096	417.85
866SV-577C <sup>1</sup>	8X1-1/2	4	1	0	096	417.85
866SV-578C <sup>1</sup>	8 X 2	4	1	0	096	417.85
866SV-579C <sup>1</sup>	8X2-1/2	4	1	0	096	442.28
866SV-580C <sup>1</sup>	8X3	4	1	0	096	482.72
866SV-582C	8X4	4	1	0	096	511.66
866SV-585C	8X6	6	1	0	096	567.87
866SV-624C	10X4	4	1	0	096	675.72
866SV-626C	10X6	6	1	0	096	777.19

Made in the U.S.A.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x Soc Single Outlet**  
(continued)

with Viton® O-ring Seal & SS Hardware

866SV-664C	12X4	4	1	0	096	846.99
866SV-666C	12X6	6	1	0	096	982.61

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Single Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



866-247C	2X1/2	3/4	1	10	096	51.18
866-248C	2X3/4	7/8	1	10	096	51.18
866-249C	2X1	1-1/8	1	10	096	51.18
866-250C	2X1-1/4	1-1/2	1	10	096	51.18
866-251C	2X1-1/2	1-1/2	1	10	096	51.18
866-291C	2-1/2X1-1/2	1-3/4	1	10	096	68.56
866-333C <sup>1</sup>	3X1/2	7/8	1	10	096	68.56
866-334C	3X3/4	7/8	1	10	096	68.56
866-335C	3X1	1-1/8	1	10	096	68.56
866-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	68.56
866-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	68.56
866-338C	3X2	2-1/4	1	10	096	68.56
866-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	83.36
866-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	83.36
866-417C	4X1	1-1/8	1	8	096	83.36
866-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	83.36
866-419C	4X1-1/2	1-3/4	1	8	096	83.36
866-420C	4X2	2-1/4	1	8	096	83.36
866-421C <sup>1</sup>	4X2-1/2	3	1	4	096	91.56
866-422C	4X3	3	1	4	096	102.06
866-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	139.12
866-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	139.12
866-525C	6X1	1-1/8	1	4	096	139.12
866-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	139.12
866-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	139.12
866-528C	6X2	2-1/4	1	4	096	139.12
866-529C <sup>1</sup>	6X2-1/2	3	1	4	096	151.23
866-530C	6X3	3	1	4	096	162.22
866-532C	6X4	4	1	4	096	173.37
866-573C <sup>1</sup>	8X1/2	4	1	0	096	305.91
866-574C <sup>1</sup>	8X3/4	4	1	0	096	305.91
866-575C <sup>1</sup>	8X1	4	1	0	096	305.91
866-576C <sup>1</sup>	8X1-1/4	4	1	0	096	305.91
866-577C <sup>1</sup>	8X1-1/2	4	1	0	096	305.91
866-578C <sup>1</sup>	8X2	4	1	0	096	305.91
866-579C <sup>1</sup>	8X2-1/2	4	1	0	096	336.48
866-580C <sup>1</sup>	8X3	4	1	0	096	353.39
866-582C	8X4	4	1	0	096	374.56
866-585C	8X6	6	1	0	096	415.73
866-624C	10X4	4	1	0	096	494.66
866-626C	10X6	4	1	0	096	568.93
866-664C	12X4	4	1	0	096	620.17
866-666C	12X6	6	1	0	096	719.35

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Single Outlet**

with EPDM O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



866S-247C	2X1/2	3/4	1	10	096	79.68
866S-248C	2X3/4	7/8	1	10	096	79.68
866S-249C	2X1	1-1/8	1	10	096	79.68
866S-250C	2X1-1/4	1-1/2	1	10	096	79.68
866S-251C	2X1-1/2	1-1/2	1	10	096	79.68
866S-291C	2-1/2X1-1/2	1-3/4	1	10	096	106.22
866S-333C <sup>1</sup>	3X1/2	7/8	1	10	096	106.22





**Schedule 80 CPVC Industrial Products & Accessories**  
**Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x Soc Single Outlet</b> (continued) with EPDM O-ring Seal & SS Hardware						
866S-334C	3X3/4	7/8	1	10	096	106.22
866S-335C	3X1	1-1/8	1	10	096	106.22
866S-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	106.22
866S-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	106.22
866S-338C	3X2	2-1/4	1	10	096	106.22
866S-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	135.89
866S-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	135.89
866S-417C	4X1	1-1/8	1	8	096	135.89
866S-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	135.89
866S-419C	4X1-1/2	1-3/4	1	8	096	135.89
866S-420C	4X2	2-1/4	1	8	096	135.89
866S-421C <sup>1</sup>	4X2-1/2	3	1	4	096	141.62
866S-422C	4X3	3	1	4	096	148.89
866S-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	214.13
866S-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	214.13
866S-525C	6X1	1-1/8	1	4	096	214.13
866S-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	214.13
866S-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	214.13
866S-528C	6X2	2-1/4	1	4	096	214.13
866S-529C <sup>1</sup>	6X2-1/2	3	1	4	096	226.65
866S-530C	6X3	3	1	4	096	240.40
866S-532C	6X4	4	1	4	096	251.48
866S-573C <sup>1</sup>	8X1/2	4	1	0	096	402.15
866S-574C <sup>1</sup>	8X3/4	4	1	0	096	402.15
866S-575C <sup>1</sup>	8X1	4	1	0	096	402.15
866S-576C <sup>1</sup>	8X1-1/4	4	1	0	096	402.15
866S-577C <sup>1</sup>	8X1-1/2	4	1	0	096	402.15
866S-578C <sup>1</sup>	8 X 2	4	1	0	096	402.15
866S-579C <sup>1</sup>	8X2-1/2	4	1	0	096	442.28
866S-580C <sup>1</sup>	8X3	4	1	0	096	464.43
866S-582C	8X4	4	1	0	096	492.30
866S-585C	8X6	6	1	0	096	546.29
866S-624C	10X4	4	1	0	096	650.06
866S-626C	10X6	6	1	0	096	747.62
866S-664C	12X4	4	1	0	096	814.80
866S-666C	12X6	6	1	0	096	945.20

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with Viton® O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



867V-247CSR	2X1/2	3/4	1	10	096	61.66
867V-248CSR	2X3/4	7/8	1	10	096	61.66
867V-249CSR	2X1	1-1/8	1	10	096	61.66
867V-250CSR	2X1-1/4	1-1/2	1	10	096	61.66
867V-251CSR	2X1-1/2	1-1/2	1	10	096	61.66
867V-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	86.04
867V-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	86.04
867V-334CSR	3X3/4	7/8	1	10	096	86.04
867V-335CSR	3X1	1-1/8	1	10	096	86.04
867V-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	86.04
867V-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	86.04
867V-338CSR	3X2	2-1/4	1	10	096	86.04
867V-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	107.30
867V-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	107.30
867V-417CSR	4X1	1-1/8	1	8	096	107.30
867V-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	107.30
867V-419CSR	4X1-1/2	1-3/4	1	8	096	107.30
867V-420CSR	4X2	2-1/4	1	8	096	107.30
867V-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	115.74
867V-422CSR	4X3	3	1	4	096	127.41
867V-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	179.28
867V-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	179.28

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Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x SR Thread Single Outlet</b> (continued) with Viton® O-ring Seal & Zinc-Plated Hardware						
867V-525CSR	6X1	1-1/8	1	4	096	179.28
867V-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	179.28
867V-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	179.28
867V-528CSR	6X2	2-1/4	1	4	096	179.28
867V-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	191.98
867V-530CSR	6X3	3	1	4	096	198.89
867V-532CSR	6X4	4	1	4	096	213.04
867V-573CSR <sup>1</sup>	8X1/2	4	1	0	096	357.39
867V-574CSR <sup>1</sup>	8X3/4	4	1	0	096	357.39
867V-575CSR <sup>1</sup>	8X1	4	1	0	096	357.39
867V-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	357.39
867V-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	357.39
867V-578CSR <sup>1</sup>	8X2	4	1	0	096	357.39
867V-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	393.10
867V-580CSR <sup>1</sup>	8X3	4	1	0	096	412.79
867V-582CSR	8X4	4	1	0	096	439.19
867V-585CSR	8X6	6	1	0	096	452.85
867V-624CSR	10X4	4	1	0	096	522.52
867V-626CSR	10X6	6	1	0	096	600.87
867V-664CSR	12X4	4	1	0	096	653.66
867V-666CSR	12X6	6	1	0	096	759.88

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with Viton® O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



867SV-245CSR <sup>1</sup>	2X1/4	1-1/8	1	10	096	107.24
867SV-247CSR	2X1/2	3/4	1	10	096	102.33
867SV-248CSR	2X3/4	7/8	1	10	096	102.33
867SV-249CSR	2X1	1-1/8	1	10	096	102.33
867SV-250CSR	2X1-1/4	1-1/2	1	10	096	102.33
867SV-251CSR	2X1-1/2	1-1/2	1	10	096	102.33
867SV-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	137.47
867SV-331CSR <sup>1</sup>	3X1/4	1-1/8	1	10	096	145.33
867SV-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	137.47
867SV-334CSR	3X3/4	7/8	1	10	096	137.47
867SV-335CSR	3X1	1-1/8	1	10	096	137.47
867SV-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	137.47
867SV-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	137.47
867SV-338CSR	3X2	2-1/4	1	10	096	137.47
867SV-413CSR <sup>1</sup>	4X1/4	1-1/8	1	8	096	173.69
867SV-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	173.69
867SV-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	173.69
867SV-417CSR	4X1	1-1/8	1	8	096	173.69
867SV-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	173.69
867SV-419CSR	4X1-1/2	1-3/4	1	8	096	173.69
867SV-420CSR	4X2	2-1/4	1	8	096	173.69
867SV-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	180.70
867SV-422CSR	4X3	3	1	4	096	190.49
867SV-521CSR <sup>1</sup>	6X1/4	1-1/8	1	4	096	300.66
867SV-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	289.48
867SV-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	289.48
867SV-525CSR	6X1	1-1/8	1	4	096	289.48
867SV-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	289.48
867SV-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	289.48
867SV-528CSR	6X2	2-1/4	1	4	096	289.48
867SV-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	303.27
867SV-530CSR	6X3	3	1	4	096	315.49
867SV-532CSR	6X4	4	1	4	096	337.72
867SV-571CSR <sup>1</sup>	8X1/4	4	1	0	096	511.50
867SV-573CSR <sup>1</sup>	8X1/2	4	1	0	096	498.68
867SV-574CSR <sup>1</sup>	8X3/4	4	1	0	096	498.68
867SV-575CSR <sup>1</sup>	8X1	4	1	0	096	498.68



**Schedule 80 CPVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



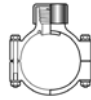
Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x SR Thread Single Outlet</b> (continued) with Viton® O-ring Seal & SS Hardware						
867SV-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	498.68
867SV-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	498.68
867SV-578CSR <sup>1</sup>	8X2	4	1	0	096	498.68
867SV-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	548.59
867SV-580CSR <sup>1</sup>	8X3	4	1	0	096	576.04
867SV-582CSR	8X4	4	1	0	096	610.67
867SV-585CSR	8X6	6	1	0	096	642.87
867SV-624CSR	10X4	4	1	0	096	726.71
867SV-626CSR	10X6	6	1	0	096	835.70
867SV-664CSR	12X4	4	1	0	096	910.88
867SV-666CSR	12X6	6	1	0	096	1056.63

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



867-247CSR	2X1/2	3/4	1	10	096	53.53
867-248CSR	2X3/4	7/8	1	10	096	53.53
867-249CSR	2X1	1-1/8	1	10	096	53.53
867-250CSR	2X1-1/4	1-1/2	1	10	096	53.53
867-251CSR	2X1-1/2	1-1/2	1	10	096	53.53
867-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	73.16
867-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	73.16
867-334CSR	3X3/4	7/8	1	10	096	73.16
867-335CSR	3X1	1-1/8	1	10	096	73.16
867-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	73.16
867-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	73.16
867-338CSR	3X2	2-1/4	1	10	096	73.16
867-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	92.14
867-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	92.14
867-417CSR	4X1	1-1/8	1	8	096	92.14
867-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	92.14
867-419CSR	4X1-1/2	1-3/4	1	8	096	92.14
867-420CSR	4X2	2-1/4	1	8	096	92.14
867-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	102.24
867-422CSR	4X3	3	1	4	096	110.35
867-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	153.54
867-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	153.54
867-525CSR	6X1	1-1/8	1	4	096	153.54
867-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	153.54
867-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	153.54
867-528CSR	6X2	2-1/4	1	4	096	153.54
867-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	162.47
867-530CSR	6X3	3	1	4	096	171.80
867-532CSR	6X4	4	1	4	096	186.83
867-573CSR <sup>1</sup>	8X1/2	4	1	0	096	324.46
867-574CSR	8X3/4	4	1	0	096	324.46
867-575CSR <sup>1</sup>	8X1	4	1	0	096	324.46
867-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	324.46
867-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	324.46
867-578CSR <sup>1</sup>	8X2	4	1	0	096	324.46
867-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	356.90
867-580CSR <sup>1</sup>	8X3	4	1	0	096	378.31
867-582CSR	8X4	4	1	0	096	401.10
867-585CSR	8X6	6	1	0	096	417.03
867-624CSR	10X4	4	1	0	096	477.34
867-626CSR	10X6	6	1	0	096	548.90
867-664CSR	12X4	4	1	0	096	598.34
867-666CSR	12X6	6	1	0	096	694.02

<sup>1</sup>Outlet-sized with Bushing

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x SR Thread Single Outlet**

with EPDM O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



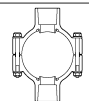
867S-245CSR <sup>1</sup>	2X1/4	1-1/8	1	10	096	94.39
867S-247CSR	2X1/2	3/4	1	10	096	91.91
867S-248CSR	2X3/4	7/8	1	10	096	91.91
867S-249CSR	2X1	1-1/8	1	10	096	91.91
867S-250CSR	2X1-1/4	1-1/2	1	10	096	91.91
867S-251CSR	2X1-1/2	1-1/2	1	10	096	91.91
867S-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	123.03
867S-331CSR <sup>1</sup>	3X1/4	1-1/8	1	10	096	126.94
867S-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	123.03
867S-334CSR	3X3/4	7/8	1	10	096	123.03
867S-335CSR	3X1	1-1/8	1	10	096	123.03
867S-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	123.03
867S-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	123.03
867S-338CSR	3X2	2-1/4	1	10	096	123.03
867S-413CSR <sup>1</sup>	4X1/4	1-1/8	1	8	096	159.56
867S-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	154.84
867S-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	154.84
867S-417CSR	4X1	1-1/8	1	8	096	154.84
867S-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	154.84
867S-419CSR	4X1-1/2	1-3/4	1	8	096	154.84
867S-420CSR	4X2	2-1/4	1	8	096	154.84
867S-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	164.19
867S-422CSR	4X3	3	1	4	096	171.90
867S-521CSR <sup>1</sup>	6X1/4	1-1/8	1	8	096	267.69
867S-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	258.07
867S-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	258.07
867S-525CSR	6X1	1-1/8	1	4	096	258.07
867S-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	258.07
867S-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	258.07
867S-528CSR	6X2	2-1/4	1	4	096	258.07
867S-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	268.38
867S-530CSR	6X3	3	1	4	096	277.38
867S-532CSR	6X4	4	1	4	096	289.61
867S-571CSR <sup>1</sup>	8X1/4	4	1	0	096	475.35
867S-573CSR	8X1/2	4	1	0	096	458.47
867S-574CSR <sup>1</sup>	8X3/4	4	1	0	096	458.47
867S-575CSR <sup>1</sup>	8X1	4	1	0	096	458.47
867S-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	458.47
867S-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	458.47
867S-578CSR <sup>1</sup>	8X2	4	1	0	096	458.47
867S-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	504.30
867S-580CSR <sup>1</sup>	8X3	4	1	0	096	529.47
867S-582CSR	8X4	4	1	0	096	561.23
867S-585CSR	8X6	6	1	0	096	588.71
867S-624CSR	10X4	4	1	0	096	667.87
867S-626CSR	10X6	6	0	0	096	768.06
867S-664CSR	12X4	4	1	0	096	837.18
867S-666CSR	12X6	6	1	0	096	971.16

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Double Outlet**

with Viton® O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



868V-247C	2X1/2	3/4	1	10	096	73.26
868V-248C	2X3/4	7/8	1	10	096	73.26
868V-249C	2X1	1-1/8	1	10	096	73.26
868V-250C	2X1-1/4	1-1/2	1	10	096	73.26
868V-251C	2X1-1/2	1-1/2	1	10	096	73.26
868V-291C	2-1/2X1-1/2	1-3/4	1	10	096	89.59
868V-333C <sup>1</sup>	3X1/2	7/8	1	10	096	89.59
868V-334C	3X3/4	7/8	1	10	096	89.59



**Schedule 80 CPVC Industrial Products & Accessories**  
**Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x Soc Double Outlet</b> (continued) with Viton® O-ring Seal & Zinc-Plated Hardware						
868V-335C	3X1	1-1/8	1	10	096	89.59
868V-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	89.59
868V-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	89.59
868V-338C <sup>1</sup>	3X2	2-1/4	1	10	096	89.59
868V-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	120.62
868V-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	120.62
868V-417C	4X1	1-1/8	1	8	096	120.62
868V-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	120.62
868V-419C	4X1-1/2	1-3/4	1	8	096	120.62
868V-420C	4X2	2-1/4	1	8	096	120.62
868V-421C <sup>1</sup>	4X2-1/2	3	1	4	096	126.03
868V-422C	4X3	3	4	0	096	137.54
868V-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	195.15
868V-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	195.15
868V-525C	6X1	1-1/8	1	4	096	195.15
868V-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	195.15
868V-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	195.15
868V-528C	6X2	2-1/4	1	4	096	195.15
868V-529C	6X2-1/2	3	1	4	096	226.02
868V-530C	6X3	3	1	4	096	238.31
868V-532C	6X4	4	1	4	096	248.62
868V-573C <sup>1</sup>	8X1/2	4	1	0	096	377.82
868V-574C <sup>1</sup>	8X3/4	4	1	0	096	377.82
868V-575C <sup>1</sup>	8X1	4	1	0	096	377.82
868V-576C <sup>1</sup>	8X1-1/4	4	1	0	096	377.82
868V-577C <sup>1</sup>	8X1-1/2	4	1	0	096	377.82
868V-578C <sup>1</sup>	8X2	4	1	0	096	377.82
868V-579C <sup>1</sup>	8X2-1/2	4	1	0	096	415.57
868V-580C <sup>1</sup>	8X3	4	1	0	096	436.32
868V-582C	8X4	4	1	0	096	462.46
868V-585C	8X6	6	1	0	096	513.37
868V-624C	10X4	4	1	0	096	610.84
868V-626C	10X6	6	1	0	096	702.69
868V-664C	12X4	4	1	0	096	765.77
868V-666C	12X6	6	1	0	096	888.16

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Double Outlet**

with Viton® O-ring Seal & SS Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



868SV-247C	2X1/2	3/4	1	10	096	111.80
868SV-248C	2X3/4	7/8	1	10	096	111.80
868SV-249C	2X1	1-1/8	1	10	096	111.80
868SV-250C	2X1-1/4	1-1/2	1	10	096	111.80
868SV-251C	2X1-1/2	1-1/2	1	10	096	111.80
868SV-291C	2-1/2X1-1/2	1-3/4	1	10	096	148.73
868SV-333C <sup>1</sup>	3X1/2	7/8	1	10	096	148.73
868SV-334C	3X3/4	7/8	1	10	096	148.73
868SV-335C	3X1	1-1/8	1	10	096	148.73
868SV-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	148.73
868SV-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	148.73
868SV-338C	3X2	2-1/4	1	10	096	148.73
868SV-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	189.01
868SV-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	189.01
868SV-417C	4X1	1-1/8	1	8	096	189.01
868SV-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	189.01
868SV-419C	4X1-1/2	1-3/4	1	8	096	189.01
868SV-420C	4X2	2-1/4	1	8	096	189.01
868SV-421C <sup>1</sup>	4X2-1/2	3	1	4	096	196.66
868SV-422C	4X3	3	4	0	096	209.50
868SV-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	314.39
868SV-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	314.39
868SV-525C	6X1	1-1/8	1	4	096	314.39

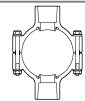
Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x Soc Double Outlet</b> (continued) with Viton® O-ring Seal & SS Hardware						
868SV-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	314.39
868SV-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	314.39
868SV-528C	6X2	2-1/4	1	4	096	314.39
868SV-529C <sup>1</sup>	6X2-1/2	3	1	4	096	324.06
868SV-530C	6X3	3	1	4	096	339.03
868SV-532C	6X4	4	1	4	096	347.09
868SV-573C <sup>1</sup>	8X1/2	4	1	0	096	530.68
868SV-574C <sup>1</sup>	8X3/4	4	1	0	096	530.68
868SV-575C <sup>1</sup>	8X1	4	1	0	096	530.68
868SV-576C <sup>1</sup>	8X1-1/4	4	1	0	096	530.68
868SV-577C <sup>1</sup>	8X1-1/2	4	1	0	096	530.68
868SV-578C <sup>1</sup>	8X2	4	1	0	096	530.68
868SV-579C <sup>1</sup>	8X2-1/2	4	1	0	096	583.55
868SV-580C <sup>1</sup>	8X3	4	1	0	096	612.88
868SV-582C	8X4	4	1	0	096	649.60
868SV-585C	8X6	6	1	0	096	721.15
868SV-624C	10X4	4	1	0	096	858.18
868SV-626C	10X6	6	1	0	096	987.02
868SV-664C	12X4	4	1	0	096	1075.60
868SV-666C	12X6	6	1	0	096	1247.83

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Double Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)



868-247C	2X1/2	3/4	1	10	096	61.46
868-248C	2X3/4	7/8	1	10	096	61.46
868-249C	2X1	1-1/8	1	10	096	61.46
868-250C	2X1-1/4	1-1/2	1	10	096	61.46
868-251C	2X1-1/2	1-1/2	1	10	096	61.46
868-291C	2-1/2X1-1/2	1-3/4	1	10	096	84.38
868-333C <sup>1</sup>	3X1/2	7/8	1	10	096	84.38
868-334C	3X3/4	7/8	1	10	096	84.38
868-335C	3X1	1-1/8	1	10	096	84.38
868-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	84.38
868-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	84.38
868-338C	3X2	2-1/4	1	10	096	84.38
868-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	105.90
868-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	105.90
868-417C	4X1	1-1/8	1	8	096	105.90
868-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	105.90
868-419C	4X1-1/2	1-3/4	1	8	096	105.90
868-420C	4X2	2-1/4	1	8	096	105.90
868-421C <sup>1</sup>	4X2-1/2	3	1	4	096	111.51
868-422C	4X3	3	1	4	096	121.21
868-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	176.80
868-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	176.80
868-525C	6X1	1-1/8	1	4	096	176.80
868-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	176.80
868-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	176.80
868-528C	6X2	2-1/4	1	4	096	176.80
868-529C <sup>1</sup>	6X2-1/2	3	1	4	096	187.96
868-530C	6X3	3	1	4	096	198.70
868-532C	6X4	4	1	4	096	205.11
868-573C <sup>1</sup>	8X1/2	4	1	0	096	354.28
868-574C <sup>1</sup>	8X3/4	4	1	0	096	354.28
868-575C <sup>1</sup>	8X1	4	1	0	096	354.28
868-576C <sup>1</sup>	8X1-1/4	4	1	0	096	354.28
868-577C <sup>1</sup>	8X1-1/2	4	1	0	096	354.28
868-578C <sup>1</sup>	8X2	4	1	0	096	354.28
868-579C <sup>1</sup>	8X2-1/2	4	1	0	096	389.66
868-580C <sup>1</sup>	8X3	4	1	0	096	409.19
868-582C	8X4	4	1	0	096	433.70

**Schedule 80 CPVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x Soc Double Outlet</b> (continued) with EPDM O-ring Seal & Zinc-Plated Hardware						
868-585C	8X6	6	1	0	096	481.41
868-624C	10X4	4	1	0	096	572.93
868-626C	10X6	6	1	0	096	658.81
868-664C	12X4	4	1	0	096	718.05
868-666C	12X6	6	1	0	096	833.09

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x Soc Double Outlet**  
with EPDM O-ring Seal & SS Hardware



2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

868S-247C	2X1/2	3/4	1	10	096	97.19
868S-248C	2X3/4	7/8	1	10	096	97.19
868S-249C	2X1	1-1/8	1	10	096	97.19
868S-250C	2X1-1/4	1-1/2	1	10	096	97.19
868S-251C	2X1-1/2	1-1/2	1	10	096	97.19
868S-291C	2-1/2X1-1/2	1-3/4	1	10	096	129.27
868S-333C <sup>1</sup>	3X1/2	7/8	1	10	096	129.27
868S-334C	3X3/4	7/8	1	10	096	129.27
868S-335C	3X1	1-1/8	1	10	096	129.27
868S-336C <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	129.27
868S-337C <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	129.27
868S-338C	3X2	2-1/4	1	10	096	129.27
868S-415C <sup>1</sup>	4X1/2	1-1/8	1	10	096	165.65
868S-416C <sup>1</sup>	4X3/4	1-1/8	1	10	096	165.65
868S-417C	4X1	1-1/8	1	8	096	165.65
868S-418C <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	165.65
868S-419C	4X1-1/2	1-3/4	1	8	096	165.65
868S-420C	4X2	2-1/4	1	8	096	165.65
868S-421C <sup>1</sup>	4X2-1/2	3	1	4	096	173.37
868S-422C	4X3	3	4	0	096	181.31
868S-523C <sup>1</sup>	6X1/2	1-1/8	1	4	096	276.64
868S-524C <sup>1</sup>	6X3/4	1-1/8	1	4	096	276.64
868S-525C	6X1	1-1/8	1	4	096	276.64
868S-526C <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	276.64
868S-527C <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	276.64
868S-528C	6X2	2-1/4	1	4	096	276.64
868S-529C <sup>1</sup>	6X2-1/2	3	1	4	096	290.36
868S-530C	6X3	3	1	4	096	297.37
868S-532C	6X4	4	1	4	096	308.20
868S-573C <sup>1</sup>	8X1/2	4	1	0	096	482.24
868S-574C <sup>1</sup>	8X3/4	4	1	0	096	482.24
868S-575C <sup>1</sup>	8X1	4	1	0	096	482.24
868S-576C <sup>1</sup>	8X1-1/4	4	1	0	096	482.24
868S-577C <sup>1</sup>	8X1-1/2	4	1	0	096	482.24
868S-578C <sup>1</sup>	8X2	4	1	0	096	482.24
868S-579C <sup>1</sup>	8X2-1/2	4	1	0	096	530.45
868S-580C <sup>1</sup>	8X3	4	1	0	096	556.99
868S-582C	8X4	4	1	0	096	590.41
868S-585C	8X6	6	1	0	096	655.48
868S-624C	10X4	4	1	0	096	779.98
868S-626C	10X6	6	1	0	096	896.99
868S-664C	12X4	4	1	0	096	977.71
868S-666C	12X6	6	1	0	096	1134.10

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Double Outlet**



with Viton® O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

869V-247CSR	2X1/2	3/4	1	10	096	81.96
869V-248CSR	2X3/4	7/8	1	10	096	81.96
869V-249CSR	2X1	1-1/8	1	10	096	81.96
869V-250CSR	2X1-1/4	1-1/2	1	10	096	81.96

Made in the U.S.A.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC Gray Clamp-On Saddle x SR Thread Double Outlet</b> (continued) with Viton® O-ring Seal & Zinc-Plated Hardware						
869V-251CSR	2X1-1/2	1-1/2	1	10	096	81.96
869V-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	112.38
869V-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	112.38
869V-334CSR	3X3/4	7/8	1	10	096	112.38
869V-335CSR	3X1	1-1/8	1	10	096	112.38
869V-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	112.38
869V-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	112.38
869V-338CSR	3X2	2-1/4	1	10	096	112.38
869V-415CSR <sup>1</sup>	4X1/2	4-1/2	1	10	096	137.53
869V-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	137.53
869V-417CSR	4X1	1-1/8	1	8	096	137.53
869V-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	137.53
869V-419CSR	4X1-1/2	1-3/4	1	8	096	137.53
869V-420CSR	4X2	2-1/4	1	8	096	137.53
869V-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	147.71
869V-422CSR	4X3	3	4	0	096	155.56
869V-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	228.05
869V-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	228.05
869V-525CSR	6X1	1-1/8	1	4	096	228.05
869V-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	228.05
869V-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	228.05
869V-528CSR	6X2	2-1/4	1	4	096	228.05
869V-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	239.52
869V-530CSR	6X3	3	1	4	096	249.41
869V-532CSR	6X4	4	1	4	096	264.19
869V-573CSR <sup>1</sup>	8X1/2	4	1	0	096	419.99
869V-574CSR <sup>1</sup>	8X3/4	4	1	0	096	419.99
869V-575CSR <sup>1</sup>	8X1	4	1	0	096	419.99
869V-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	419.99
869V-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	419.99
869V-578CSR <sup>1</sup>	8X2	4	1	0	096	419.99
869V-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	461.98
869V-580CSR <sup>1</sup>	8X3	4	1	0	096	485.03
869V-582CSR	8X4	4	1	0	096	514.12
869V-585CSR	8X6	6	1	0	096	568.67
869V-624CSR	10X4	4	1	0	096	611.67
869V-626CSR	10X6	6	1	0	096	703.51
869V-664CSR	12X4	4	1	0	096	766.89
869V-666CSR	12X6	6	1	0	096	889.47

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Double Outlet**



with Viton® O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

869SV-247CSR	2X1/2	3/4	1	10	096	120.62
869SV-248CSR	2X3/4	7/8	1	10	096	120.62
869SV-249CSR	2X1	1-1/8	1	10	096	120.62
869SV-250CSR	2X1-1/4	1-1/2	1	10	096	120.62
869SV-251CSR	2X1-1/2	1-1/2	1	10	096	120.62
869SV-291CSR	2-1/2X1-1/2	1-1/2	1	10	096	152.86
869SV-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	152.86
869SV-334CSR	3X3/4	7/8	1	10	096	152.86
869SV-335CSR	3X1	1-1/8	1	10	096	152.86
869SV-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	152.86
869SV-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	152.86
869SV-338CSR	3X2	2-1/4	1	10	096	152.86
869SV-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	200.73
869SV-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	200.73
869SV-417CSR	4X1	1-1/8	1	8	096	200.73
869SV-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	200.73
869SV-419CSR	4X1-1/2	1-3/4	1	8	096	200.73
869SV-420CSR	4X2	2-1/4	1	8	096	200.73
869SV-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	210.74



**Schedule 80 CPVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x SR Thread Double Outlet (continued)**

with Viton® O-ring Seal & SS Hardware

869SV-422CSR	4X3	3	4	0	096	225.77
869SV-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	358.67
869SV-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	358.67
869SV-525CSR	6X1	1-1/8	1	4	096	358.67
869SV-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	358.67
869SV-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	358.67
869SV-528CSR	6X2	2-1/4	1	4	096	358.67
869SV-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	372.46
869SV-530CSR	6X3	3	1	4	096	384.27
869SV-532CSR	6X4	4	1	4	096	393.07
869SV-573CSR <sup>1</sup>	8X1/2	4	1	0	096	587.47
869SV-574CSR <sup>1</sup>	8X3/4	4	1	0	096	587.47
869SV-575CSR <sup>1</sup>	8X1	4	1	0	096	587.47
869SV-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	587.47
869SV-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	587.47
869SV-578CSR <sup>1</sup>	8X2	4	1	0	096	587.47
869SV-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	646.13
869SV-580CSR <sup>1</sup>	8X3	4	1	0	096	666.59
869SV-582CSR	8X4	4	1	0	096	719.19
869SV-585CSR	8X6	6	1	0	096	768.37
869SV-624CSR	10X4	4	1	0	096	855.82
869SV-626CSR	10X6	6	1	0	096	984.24
869SV-664CSR	12X4	4	1	0	096	1072.81
869SV-666CSR	12X6	6	1	0	096	1244.56

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Double Outlet**

with EPDM O-ring Seal & Zinc-Plated Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

869-247CSR	2X1/2	3/4	1	10	096	71.21
869-248CSR	2X3/4	7/8	1	10	096	71.21
869-249CSR	2X1	1-1/8	1	10	096	71.21
869-250CSR	2X1-1/4	1-1/2	1	10	096	71.21
869-251CSR	2X1-1/2	1-1/2	1	10	096	71.21
869-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	96.16
869-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	96.16
869-334CSR	3X3/4	7/8	1	10	096	96.16
869-335CSR	3X1	1-1/8	1	10	096	96.16
869-336CSR <sup>1</sup>	3X1-1/4	1-1/8	1	10	096	96.16
869-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	96.16
869-338CSR	3X2	2-1/4	1	10	096	96.16
869-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	119.37
869-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	119.37
869-417CSR	4X1	1-1/8	1	8	096	119.37
869-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	119.37
869-419CSR	4X1-1/2	1-3/4	1	8	096	119.37
869-420CSR	4X2	2-1/4	1	8	096	119.37
869-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	132.01
869-422CSR	4X3	3	1	4	096	142.86
869-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	194.99
869-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	194.99
869-525CSR	6X1	1-1/8	1	4	096	194.99
869-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	194.99
869-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	194.99
869-528CSR	6X2	2-1/4	1	4	096	194.99
869-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	208.71
869-530CSR	6X3	3	1	4	096	225.81
869-532CSR	6X4	4	1	4	096	239.47
869-573CSR <sup>1</sup>	8X1/2	4	1	0	096	377.50
869-574CSR <sup>1</sup>	8X3/4	4	1	0	096	377.50
869-575CSR <sup>1</sup>	8X1	4	1	0	096	377.50
869-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	377.50
869-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	377.50

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Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Clamp-On Saddle x SR Thread Double Outlet (continued)**

with EPDM O-ring Seal & Zinc-Plated Hardware

869-578CSR <sup>1</sup>	8X2	4	1	0	096	377.50
869-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	415.32
869-580CSR <sup>1</sup>	8X3	4	1	0	096	436.17
869-582CSR	8X4	4	1	0	096	462.29
869-585CSR	8X6	6	1	0	096	499.52
869-624CSR	10X4	4	1	0	096	550.04
869-626CSR	10X6	6	1	0	096	632.66
869-664CSR	12X4	4	1	0	096	689.61
869-666CSR	12X6	6	1	0	096	799.93

<sup>1</sup>Outlet-sized with Bushing

**CPVC Gray Clamp-On Saddle x SR Thread Double Outlet**

with EPDM O-ring Seal & SS Hardware

2" - 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

869S-247CSR	2X1/2	3/4	1	10	096	114.46
869S-248CSR	2X3/4	7/8	1	10	096	114.46
869S-249CSR	2X1	1-1/8	1	10	096	114.46
869S-250CSR	2X1-1/4	1-1/2	1	10	096	114.46
869S-251CSR	2X1-1/2	1-1/2	1	10	096	114.46
869S-291CSR	2-1/2X1-1/2	1-3/4	1	10	096	150.95
869S-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	150.95
869S-334CSR	3X3/4	7/8	1	10	096	150.95
869S-335CSR	3X1	1-1/8	1	10	096	150.95
869S-336CSR <sup>1</sup>	3X1-1/4	2-1/4	1	10	096	150.95
869S-337CSR <sup>1</sup>	3X1-1/2	2-1/4	1	10	096	150.95
869S-338CSR	3X2	2-1/4	1	10	096	150.95
869S-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	189.00
869S-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	189.00
869S-417CSR	4X1	1-1/8	1	8	096	189.00
869S-418CSR <sup>1</sup>	4X1-1/4	1-3/4	1	8	096	189.00
869S-419CSR	4X1-1/2	1-3/4	1	8	096	189.00
869S-420CSR	4X2	2-1/4	1	8	096	189.00
869S-421CSR <sup>1</sup>	4X2-1/2	3	1	4	096	203.03
869S-422CSR	4X3	3	4	0	096	217.63
869S-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	318.32
869S-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	318.32
869S-525CSR	6X1	1-1/8	1	4	096	318.32
869S-526CSR <sup>1</sup>	6X1-1/4	2-1/4	1	4	096	318.32
869S-527CSR <sup>1</sup>	6X1-1/2	2-1/4	1	4	096	318.32
869S-528CSR	6X2	2-1/4	1	4	096	318.32
869S-529CSR <sup>1</sup>	6X2-1/2	3	1	4	096	325.47
869S-530CSR	6X3	3	1	4	096	339.85
869S-532CSR	6X4	4	1	4	096	349.34
869S-573CSR <sup>1</sup>	8X1/2	4	1	0	096	535.77
869S-574CSR <sup>1</sup>	8X3/4	4	1	0	096	535.77
869S-575CSR <sup>1</sup>	8X1	4	1	0	096	535.77
869S-576CSR <sup>1</sup>	8X1-1/4	4	1	0	096	535.77
869S-577CSR <sup>1</sup>	8X1-1/2	4	1	0	096	535.77
869S-578CSR <sup>1</sup>	8X2	4	1	0	096	535.77
869S-579CSR <sup>1</sup>	8X2-1/2	4	1	0	096	589.29
869S-580CSR <sup>1</sup>	8X3	4	1	0	096	618.69
869S-582CSR	8X4	4	1	0	096	655.86
869S-585CSR	8X6	6	1	0	096	688.76
869S-624CSR	10X4	4	1	0	096	780.48
869S-626CSR	10X6	6	1	0	096	897.48
869S-664CSR	12X4	4	1	0	096	978.36
869S-666CSR	12X6	6	1	0	096	1134.77

<sup>1</sup>Outlet-sized with Bushing





**Schedule 80 CPVC Industrial Products & Accessories  
Clamp-On & Hot-Tap Saddles**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Hot-Tap Saddle**  
EPDM Saddle x Soc (Spigot) Zinc Plated Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT2-248C	<b>2X3/4 (1)</b>	1	5	050	80.89
HT2-251C	<b>2X1-1/2 (2)</b>	1	5	050	166.97
HT2-288C	<b>2-1/2X3/4 (1)</b>	1	5	050	86.35
HT2-291C	<b>2-1/2X1-1/2 (2)</b>	1	5	050	172.55
HT2-334C	<b>3X3/4 (1)</b>	1	5	050	98.93
HT2-337C	<b>3X1-1/2 (2)</b>	1	5	050	190.29
HT2-416C	<b>4X3/4 (1)</b>	1	5	050	114.30
HT2-419C	<b>4X1-1/2 (2)</b>	1	0	050	201.20
HT2-524C	<b>6X3/4 (1)</b>	1	5	050	128.54
HT2-527C	<b>6X1-1/2 (2)</b>	1	0	050	214.19
HT2-574C	<b>8X3/4 (1)</b>	1	5	050	118.39
HT2-577C	<b>8X1-1/2 (2)</b>	1	0	050	221.17

**CPVC Gray Hot-Tap Saddle**  
EPDM Saddle x Soc (Spigot) SS316 Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT2S-248C	<b>2X3/4 (1)</b>	1	5	050	125.74
HT2S-251C	<b>2X1-1/2 (2)</b>	1	5	050	259.88
HT2S-288C	<b>2-1/2X3/4 (1)</b>	1	5	050	134.41
HT2S-291C	<b>2-1/2X1-1/2 (2)</b>	1	5	050	268.68
HT2S-334C	<b>3X3/4 (1)</b>	1	5	050	154.12
HT2S-337C	<b>3X1-1/2 (2)</b>	1	5	050	296.21
HT2S-416C	<b>4X3/4 (1)</b>	1	5	050	178.01
HT2S-419C	<b>4X1-1/2 (2)</b>	1	0	050	313.26
HT2S-524C	<b>6X3/4 (1)</b>	1	5	050	199.80
HT2S-527C	<b>6X1-1/2 (2)</b>	1	0	050	333.37
HT2S-574C	<b>8X3/4 (1)</b>	1	0	050	216.01
HT2S-577C	<b>8X1-1/2 (2)</b>	1	0	050	360.48

**CPVC Gray Hot-Tap Saddle**  
Viton® Saddle x Soc (Spigot) Zinc Plated Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT3-248C	<b>2X3/4 (1)</b>	1	5	050	87.89
HT3-251C	<b>2X1-1/2 (2)</b>	1	5	050	181.21
HT3-288C	<b>2-1/2X3/4 (1)</b>	1	5	050	93.90
HT3-291C	<b>2-1/2X1-1/2 (2)</b>	1	5	050	187.22
HT3-334C	<b>3X3/4 (1)</b>	1	5	050	107.30
HT3-337C	<b>3X1-1/2 (2)</b>	1	5	050	206.78
HT3-416C	<b>4X3/4 (1)</b>	1	5	050	193.10
HT3-419C	<b>4X1-1/2 (2)</b>	1	0	050	218.52
HT3-524C	<b>6X3/4 (1)</b>	1	5	050	139.57
HT3-527C	<b>6X1-1/2 (2)</b>	1	0	050	231.93
HT3-574C	<b>8X3/4 (1)</b>	1	0	050	150.89
HT3-577C	<b>8X1-1/2 (2)</b>	1	0	050	281.13

**CPVC Gray Hot-Tap Saddle**  
Viton® Saddle x Soc (Spigot) SS316 Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HT3S-248C	<b>2X3/4 (1)</b>	1	5	050	136.93
HT3S-251C	<b>2X1-1/2 (2)</b>	1	5	050	282.23
HT3S-288C	<b>2-1/2X3/4 (1)</b>	1	5	050	146.14
HT3S-291C	<b>2-1/2X1-1/2 (2)</b>	1	5	050	291.32
HT3S-334C	<b>3X3/4 (1)</b>	1	5	050	166.83
HT3S-337C	<b>3X1-1/2 (2)</b>	1	5	050	327.79
HT3S-416C	<b>4X3/4 (1)</b>	1	5	050	193.10
HT3S-419C	<b>4X1-1/2 (2)</b>	1	0	050	340.22
HT3S-524C	<b>6X3/4 (1)</b>	1	5	050	217.27
HT3S-527C	<b>6X1-1/2 (2)</b>	1	0	050	361.03
HT3S-574C	<b>8X3/4 (1)</b>	1	0	050	234.87

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
Progressive Products from Spears® Innovation and Technology

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Gray Hot-Tap Saddle (continued)**  
Viton® Saddle x Soc (Spigot) SS316 Bolts

HT3S-577C	<b>8X1-1/2 (2)</b>	1	5	050	390.31
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**CPVC Gray Hot-Tap Saddle**  
EPDM with Stainless Steel Cutter & Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HTS2S-248C	<b>2X3/4 (1)</b>	1	5	050	386.89
HTS2S-251C	<b>2X1-1/2 (2)</b>	1	5	050	573.37
HTS2S-288C	<b>2-1/2X3/4 (1)</b>	1	5	050	413.97
HTS2S-291C	<b>2-1/2X1-1/2 (2)</b>	1	5	050	574.29
HTS2S-334C	<b>3X3/4 (1)</b>	1	5	050	394.84
HTS2S-337C	<b>3X1-1/2 (2)</b>	1	5	050	590.31
HTS2S-416C	<b>4X3/4 (1)</b>	1	5	050	420.41
HTS2S-419C	<b>4X1-1/2 (2)</b>	1	0	050	604.99
HTS2S-524C	<b>6X3/4 (1)</b>	1	5	050	490.06
HTS2S-527C	<b>6X1-1/2 (2)</b>	1	0	050	683.89
HTS2S-574C	<b>8X3/4 (1)</b>	1	0	050	679.82
HTS2S-577C	<b>8X1-1/2 (2)</b>	1	0	050	809.71

**CPVC Gray Hot-Tap Saddle**  
Viton® with Stainless Steel Cutter & Bolts



2"- 4" 235, 6" 200, 8" 150 psi @ 73°F (23°C)

HTS3S-248C	<b>2X3/4 (1)</b>	1	5	050	392.95
HTS3S-251C	<b>2X1-1/2 (2)</b>	1	5	050	582.10
HTS3S-288C	<b>2-1/2X3/4 (1)</b>	1	5	050	420.55
HTS3S-291C	<b>2-1/2X1-1/2 (2)</b>	1	5	050	584.39
HTS3S-334C	<b>3X3/4 (1)</b>	1	5	050	361.61
HTS3S-337C	<b>3X1-1/2 (2)</b>	1	5	050	600.56
HTS3S-416C	<b>4X3/4 (1)</b>	1	5	050	428.34
HTS3S-419C	<b>4X1-1/2 (2)</b>	1	0	050	620.17
HTS3S-524C	<b>6X3/4 (1)</b>	1	5	050	497.72
HTS3S-527C	<b>6X1-1/2 (2)</b>	1	0	050	699.05
HTS3S-574C	<b>8X3/4 (1)</b>	1	0	050	694.86
HTS3S-577C	<b>8X1-1/2 (2)</b>	1	0	050	816.96



## Schedule 80 CPVC Industrial Products & Accessories Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC Self Aligning Tank Adapter with Neoprene Gasket

Fipt

75 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172SA-010C	1	5	0	101	200.74
8172SA-020C	2	4	0	101	302.97
8172SA-030C	3	2	0	101	472.10



### CPVC Self Aligning Tank Adapter with EPDM Gasket

Fipt

75 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172ESA-010C	1	5	0	101	211.04
8172ESA-020C	2	4	0	101	319.61
8172ESA-030C	3	2	0	101	497.11



### CPVC Self Aligning Tank Adapter with Viton® Gasket

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172VSA-010C	1	5	0	101	417.12
8172VSA-020C	2	4	0	101	631.38
8172VSA-030C	3	2	0	101	980.99



### CPVC New Style Standard Tank Adapters with Neoprene Gaskets

Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170-002C	1/4	25	150	101	45.91
8170-003C	3/8	25	150	101	45.91
8170-005C	1/2	25	0	101	45.91
8170-007C	3/4	25	0	101	54.62
8170-010C	1	25	0	101	61.30
8170-012C	1-1/4	20	0	101	78.19
8170-015C	1-1/2	20	0	101	85.14
8170-020C	2	15	0	101	120.19
8170-025C	2-1/2	4	0	101	176.65
8170-030C	3	4	0	101	210.27
8170-040C	4	2	0	101	350.43
8170-060C	6	1	0	101	963.69
8170-080C	8	1	0	101	2141.38



### CPVC New Style Standard Tank Adapters with EPDM Gaskets

Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170E-002C	1/4	25	150	101	52.22
8170E-003C	3/8	25	150	101	52.22
8170E-005C	1/2	25	0	101	52.22
8170E-007C	3/4	25	0	101	58.61
8170E-010C	1	25	0	101	68.06
8170E-012C	1-1/4	20	0	101	86.13
8170E-015C	1-1/2	20	0	101	90.36
8170E-020C	2	15	0	101	130.28
8170E-025C	2-1/2	4	0	101	185.06
8170E-030C	3	4	0	101	220.32
8170E-040C	4	2	0	101	365.73
8170E-060C	6	1	0	101	1003.85
8170E-080C	8	1	0	101	2203.98



### CPVC New Style Standard Tank Adapters with Viton® Gaskets

Soc

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170V-002C	1/4	25	150	101	68.48
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC New Style Standard Tank Adapters with Viton® Gaskets (continued)

Soc

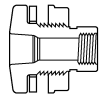
8170V-003C	3/8	25	150	101	68.48
8170V-005C	1/2	25	0	101	68.48
8170V-007C	3/4	25	0	101	78.77
8170V-010C	1	25	0	101	91.18
8170V-012C	1-1/4	20	0	101	112.03
8170V-015C	1-1/2	20	0	101	116.79
8170V-020C	2	15	0	101	176.81
8170V-025C	2-1/2	4	0	101	254.50
8170V-030C	3	4	0	101	302.97
8170V-040C	4	2	0	101	671.07
8170V-060C	6	1	0	101	1686.51
8170V-080C	8	1	0	101	3945.18

### CPVC New Style Standard Tank Adapters with Neoprene Gaskets

Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002C	1/4	25	150	101	45.91
8171-003C	3/8	25	200	101	45.91
8171-005C	1/2	25	0	101	45.91
8171-007C	3/4	25	0	101	54.62
8171-010C	1	25	0	101	61.30
8171-012C	1-1/4	20	0	101	78.19
8171-015C	1-1/2	20	0	101	85.14
8171-020C	2	15	0	101	120.19
8171-025C	2-1/2	4	0	101	176.65
8171-030C	3	4	0	101	210.27
8171-040C	4	2	0	101	350.43
8171-060C	6	1	0	101	963.69

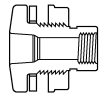


### CPVC New Style Standard Tank Adapters with EPDM Gaskets

Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002C	1/4	25	150	101	52.22
8171E-003C	3/8	25	200	101	52.22
8171E-005C	1/2	25	0	101	52.22
8171E-007C	3/4	25	0	101	58.61
8171E-010C	1	25	0	101	68.06
8171E-012C	1-1/4	20	0	101	86.13
8171E-015C	1-1/2	20	0	101	90.36
8171E-020C	2	15	0	101	130.28
8171E-025C	2-1/2	4	0	101	185.06
8171E-030C	3	4	0	101	220.32
8171E-040C	4	2	0	101	365.73
8171E-060C	6	1	0	101	1003.84

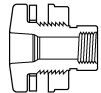


### CPVC New Style Standard Tank Adapters with Viton® Gaskets

Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002C	1/4	25	150	101	68.48
8171V-003C	3/8	25	200	101	68.48
8171V-005C	1/2	25	0	101	68.48
8171V-007C	3/4	25	0	101	78.77
8171V-010C	1	25	0	101	91.18
8171V-012C	1-1/4	20	0	101	112.03
8171V-015C	1-1/2	20	0	101	116.79
8171V-020C	2	15	0	101	176.81
8171V-025C	2-1/2	4	0	101	254.53
8171V-030C	3	4	0	101	302.97
8171V-040C	4	2	0	101	671.07
8171V-060C	6	1	0	101	1686.51





**Schedule 80 CPVC Industrial Products & Accessories  
Tank Adapters**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC New Style Special Reinforced (SR)  
Threaded Tank Adapters with Neoprene  
Gaskets**



**Soc x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002CSR	1/4	25	150	101	47.31
8171-003CSR	3/8	25	200	101	47.31
8171-005CSR	1/2	25	0	101	47.31
8171-007CSR	3/4	25	0	101	56.62
8171-010CSR	1	25	0	101	64.05
8171-012CSR	1-1/4	20	0	101	82.62
8171-015CSR	1-1/2	20	0	101	92.76
8171-020CSR	2	15	0	101	128.27
8171-025CSR	2-1/2	4	0	101	195.12
8171-030CSR	3	4	0	101	232.24
8171-040CSR	4	2	0	101	373.24
8171-060CSR	6	1	0	101	985.77

**CPVC New Style Special Reinforced (SR)  
Threaded Tank Adapters with EPDM Gaskets**



**Soc x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002CSR	1/4	25	150	101	53.62
8171E-003CSR	3/8	25	200	101	53.62
8171E-005CSR	1/2	25	0	101	53.62
8171E-007CSR	3/4	25	0	101	60.60
8171E-010CSR	1	25	0	101	72.46
8171E-012CSR	1-1/4	20	0	101	90.55
8171E-015CSR	1-1/2	20	0	101	97.97
8171E-020CSR	2	15	0	101	138.50
8171E-025CSR	2-1/2	4	0	101	203.53
8171E-030CSR	3	4	0	101	242.30
8171E-040CSR	4	2	0	101	388.48
8171E-060CSR	6	2	0	101	1025.93

**CPVC New Style Special Reinforced (SR)  
Threaded Tank Adapters with Viton® Gaskets**



**Soc x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002CSR	1/4	25	150	101	69.86
8171V-003CSR	3/8	25	200	101	69.86
8171V-005CSR	1/2	25	0	101	69.86
8171V-007CSR	3/4	25	0	101	80.76
8171V-010CSR	1	25	0	101	93.95
8171V-012CSR	1-1/4	20	0	101	116.46
8171V-015CSR	1-1/2	20	0	101	124.36
8171V-020CSR	2	15	0	101	185.18
8171V-025CSR	2-1/2	4	0	101	272.90
8171V-030CSR	3	4	0	101	324.95
8171V-040CSR	4	2	0	101	693.84
8171V-060CSR	6	2	0	101	1713.06

**CPVC New Style Standard Tank Adapters with  
Neoprene Gaskets**



**Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002C	1/4	25	150	101	61.30
8172-003C	3/8	25	200	101	61.30
8172-005C	1/2	25	0	101	61.30
8172-007C	3/4	25	0	101	70.78
8172-010C	1	25	0	101	77.43
8172-012C	1-1/4	20	0	101	109.32
8172-015C	1-1/2	20	0	101	119.49
8172-020C	2	15	0	101	148.93
8172-025C	2-1/2	4	0	101	209.59

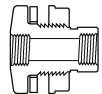
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC New Style Standard Tank Adapters with  
Neoprene Gaskets (continued)**

**Fipt**

8172-030C	3	4	0	101	249.50
8172-040C	4	2	0	101	394.21
8172-060C	6	1	0	101	1095.10

**CPVC New Style Standard Tank Adapters with  
EPDM Gaskets**

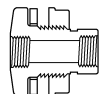


**Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002C	1/4	25	150	101	63.72
8172E-003C	3/8	25	200	101	63.72
8172E-005C	1/2	25	0	101	63.72
8172E-007C	3/4	25	0	101	75.13
8172E-010C	1	25	0	101	80.95
8172E-012C	1-1/4	20	0	101	113.72
8172E-015C	1-1/2	20	0	101	129.78
8172E-020C	2	15	0	101	160.40
8172E-025C	2-1/2	4	0	101	235.81
8172E-030C	3	4	0	101	280.76
8172E-040C	4	2	0	101	467.43
8172E-060C	6	1	0	101	1111.63

**CPVC New Style Standard Tank Adapters with  
Viton® Gaskets**

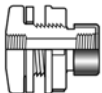


**Fipt**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002C	1/4	25	150	101	98.60
8172V-003C	3/8	25	200	101	98.60
8172V-005C	1/2	25	0	101	98.60
8172V-007C	3/4	25	0	101	111.14
8172V-010C	1	25	0	101	127.89
8172V-012C	1-1/4	20	0	101	156.88
8172V-015C	1-1/2	20	0	101	162.33
8172V-020C	2	15	0	101	252.87
8172V-025C	2-1/2	4	0	101	358.84
8172V-030C	3	4	0	101	427.16
8172V-040C	4	2	0	101	1123.33
8172V-060C	6	1	0	101	2058.91

**CPVC New Style Special Reinforced (SR)  
Threaded Tank Adapters with Neoprene  
Gaskets**

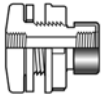


**Fipt x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002CSR	1/4	25	150	101	62.67
8172-003CSR	3/8	25	200	101	62.67
8172-005CSR	1/2	25	0	101	62.67
8172-007CSR	3/4	25	0	101	72.78
8172-010CSR	1	25	0	101	80.19
8172-012CSR	1-1/4	20	0	101	113.76
8172-015CSR	1-1/2	20	0	101	127.09
8172-020CSR	2	15	0	101	157.13
8172-025CSR	2-1/2	4	0	101	228.05
8172-030CSR	3	4	0	101	271.49
8172-040CSR	4	2	0	101	416.98
8172-060CSR	6	2	0	101	1117.17

**CPVC New Style Special Reinforced (SR)  
Threaded Tank Adapters with EPDM Gaskets**



**Fipt x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002CSR	1/4	25	150	101	65.12
8172E-003CSR	3/8	25	200	101	65.12
8172E-005CSR	1/2	25	0	101	65.12



## Schedule 80 CPVC Industrial Products & Accessories Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets (continued)

Fipt x SR Fipt - Stainless Steel Collar

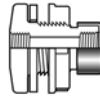
8172E-007CSR	3/4	25	0	101	77.11
8172E-010CSR	1	25	0	101	83.71
8172E-012CSR	1-1/4	20	0	101	118.16
8172E-015CSR	1-1/2	20	0	101	137.37
8172E-020CSR	2	15	0	101	168.61
8172E-025CSR	2-1/2	4	0	101	254.35
8172E-030CSR	3	4	0	101	302.79
8172E-040CSR	4	2	0	101	490.19
8172E-060CSR	6	2	0	101	1133.70

### CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002CSR	1/4	25	150	101	100.00
8172V-003CSR	3/8	25	200	101	100.00
8172V-005CSR	1/2	25	0	101	100.00
8172V-007CSR	3/4	25	0	101	113.13
8172V-010CSR	1	25	0	101	130.65
8172V-012CSR	1-1/4	20	0	101	161.31
8172V-015CSR	1-1/2	20	0	101	169.89
8172V-020CSR	2	15	0	101	261.10
8172V-025CSR	2-1/2	4	0	101	377.28
8172V-030CSR	3	4	0	101	449.15
8172V-040CSR	4	2	0	101	1146.09
8172V-060CSR	6	2	0	101	2081.00



### Tank Adapter with Neoprene Gasket (Old Style)

Soc x Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

871-005C	1/2	25	0	101	45.91
871-007C	3/4	25	0	101	54.62
871-010C	1	25	0	101	61.30
871-012C	1-1/4	20	0	101	78.19
871-015C	1-1/2	20	0	101	85.14
871-020C	2	15	0	101	120.19
871-030C	3	4	0	101	210.27
871-040C	4	2	0	101	350.43



### Tank Adapter with Neoprene Gasket (Old Style)

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

872-005C	1/2	25	0	101	61.30
872-007C	3/4	25	0	101	70.78
872-010C	1	25	0	101	77.43
872-012C	1-1/4	20	0	101	109.32
872-015C	1-1/2	20	0	101	119.49
872-020C	2	15	0	101	148.93
872-030C	3	4	0	101	249.50
872-040C	4	2	0	101	394.21



### Neoprene Tank Adapter Gasket Only (New Style)

3N-002	1/4	100	0	901	2.57
3N-003	3/8	50	0	901	2.57
3N-005	1/2	10	0	901	2.57
3N-007	3/4	10	0	901	2.76
3N-010	1	10	0	901	2.94
3N-012	1-1/4	10	0	901	4.06



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Neoprene Tank Adapter Gasket Only (New Style) (continued)

3N-015	1-1/2	10	0	901	4.76
3N-020	2	10	0	901	6.23
3N-025	2-1/2	10	0	901	6.50
3N-030	3	10	0	901	6.78
3N-040	4	10	0	901	18.76
2N-060	6	10	0	901	23.44
3N-080	8	10	0	901	107.48



### EPDM Tank Adapter Gasket Only (New Style)

3E-002	1/4	10	0	901	2.99
3E-003	3/8	10	0	901	2.99
3E-005	1/2	10	0	901	2.99
3E-007	3/4	10	0	901	3.09
3E-010	1	10	0	901	5.36
3E-012	1-1/4	10	0	901	7.85
3E-015	1-1/2	10	0	901	8.06
3E-020	2	10	0	901	9.22
3E-025	2-1/2	10	0	901	13.07
3E-030	3	10	0	901	14.05
3E-040	4	10	0	901	21.17
2E-060	6	10	0	901	38.21
3E-080	8	10	0	901	138.69



### Viton® Tank Adapter Gasket Only (New Style)

3V-002	1/4	10	0	901	10.95
3V-003	3/8	10	0	901	12.91
3V-005	1/2	10	0	901	19.27
3V-007	3/4	10	0	901	23.86
3V-010	1	10	0	901	32.62
3V-012	1-1/4	10	0	901	51.88
3V-015	1-1/2	10	0	901	56.04
3V-020	2	10	0	901	89.76
3V-025	2-1/2	10	0	901	99.16
3V-030	3	10	0	901	103.32
3V-040	4	10	0	901	233.79
2V-060	6	10	0	901	585.23
3V-080	8	10	0	901	981.52



### Neoprene Tank Adapter Gasket Only (Old Style)

2N-005	1/2	10	0	901	2.57
2N-007	3/4	10	0	901	2.76
2N-010	1	10	0	901	2.94
2N-015	1-1/4 OR 1-1/2	10	0	901	4.76
2N-020	2	10	0	901	6.23
2N-030	3	10	0	901	6.78
2N-040	4	10	0	901	18.76



### EPDM Tank Adapter Gasket Only (Old Style)

2E-005	1/2	10	0	901	2.99
2E-007	3/4	10	0	901	3.09
2E-010	1	10	0	901	5.36
2E-015	1-1/4 OR 1-1/2	10	0	901	8.06
2E-020	2	10	0	901	9.22
2E-030	3	10	0	901	14.05
2E-040	4	10	0	901	21.17

**Schedule 80 CPVC Industrial Products & Accessories  
Tank Adapters & Expansion Joints**



**Tank Adapters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Wrench Sets (New Style)**  
Body Wrench & Nut Wrench



TAW-002	1/4	1	25	299	20.80
TAW-003	3/8	1	25	299	20.80
TAW-005	1/2	1	25	299	20.80
TAW-007	3/4	1	25	299	21.20
TAW-010	1	1	25	299	22.05
TAW-012	1-1/4	1	20	299	24.87
TAW-015	1-1/2	1	20	299	26.98
TAW-020	2	1	10	299	30.73
TAW-025	2-1/2	1	10	299	34.00
TAW-030	3	1	10	299	37.47
TAW-040	4	1	10	299	40.15

**Individual Body Wrench (New Style)**



TAW1-002	1/4	500	0	299	11.67
TAW1-003	3/8	400	0	299	11.67
TAW1-005	1/2	250	0	299	11.67
TAW1-007	3/4	220	0	299	11.89
TAW1-010	1	200	0	299	12.38
TAW1-012	1-1/4	300	0	299	14.02

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Individual Body Wrench (New Style) (continued)**

TAW1-015	1-1/2	150	0	299	15.10
TAW1-020	2	100	0	299	16.39
TAW1-025	2-1/2	80	0	299	17.13
TAW1-030	3	74	0	299	21.48
TAW1-040	4	35	0	299	22.10

**Individual Nut Wrench (New Style)**



TAW2-002	1/4	300	0	299	11.67
TAW2-003	3/8	250	0	299	11.67
TAW2-005	1/2	200	0	299	11.67
TAW2-007	3/4	160	0	299	11.89
TAW2-010	1	110	0	299	12.38
TAW2-012	1-1/4	200	0	299	14.02
TAW2-015	1-1/2	120	0	299	15.10
TAW2-020	2	100	0	299	16.39
TAW2-025	2-1/2	50	0	299	17.13
TAW2-030	3	40	0	299	21.48
TAW2-040	4	35	0	299	22.10

**Expansion Joints**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Fabricated Expansion Joints**  
6" Travel with Viton® O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)

826-005X6C	1/2	10	0	085	367.70
826-007X6C	3/4	6	0	085	402.36
826-010X6C	1	5	0	085	434.91
826-012X6C	1-1/4	4	0	085	456.80
826-015X6C	1-1/2	4	0	085	497.86
826-020X6C	2	2	0	085	630.85
826-025X6C	2-1/2	1	0	085	748.60
826-030X6C	3	1	0	085	869.66
826-040X6C	4	1	0	085	1282.63
826-060X6C	6	1	0	085	1378.79
826-080X6C	8	1	0	085	2615.53
826-100X6C	10	1	0	085	3339.03
826-120X6C	12	1	0	085	4429.50

EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X6C

**CPVC Fabricated Expansion Joints**  
12" Travel with Viton® O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)

826-005X12C	1/2	10	0	085	374.49
826-007X12C	3/4	6	0	085	429.46
826-010X12C	1	5	0	085	458.13
826-012X12C	1-1/4	4	0	085	726.24
826-015X12C	1-1/2	4	0	085	575.05
826-020X12C	2	2	0	085	734.02
826-025X12C	2-1/2	1	0	085	1111.23
826-030X12C	3	1	0	085	893.04
826-040X12C	4	1	0	085	1479.32
826-060X12C	6	1	0	085	1629.67

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Fabricated Expansion Joints (continued)**  
12" Travel with Viton® O-rings

826-080X12C	8	1	0	085	3120.15
826-100X12C	10	1	0	085	3655.37

EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X12C

**CPVC Elastomer Expansion Joint**  
with EPDM Bellows Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ22-007C	3/4	10	0	085	195.59
EJ22-010C	1	10	0	085	223.17
EJ22-012C	1-1/4	15	0	085	243.85
EJ22-015C	1-1/2	10	0	085	298.73
EJ22-020C	2	8	0	085	372.84
EJ22-025C	2-1/2	4	0	085	544.83
EJ22-030C	3	2	0	085	740.05

**CPVC Elastomer Expansion Joint**  
with EPDM Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007CSR	3/4	10	0	085	197.81
EJ21-010CSR	1	10	0	085	227.48
EJ21-012CSR	1-1/4	15	0	085	251.37
EJ21-015CSR	1-1/2	10	0	085	320.41
EJ21-020CSR	2	8	0	085	423.52
EJ21-025CSR	2-1/2	4	0	085	588.17
EJ21-030CSR	3	2	0	085	783.37



## Schedule 80 CPVC Industrial Products & Accessories Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange One Piece Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

851-005C	1/2	25	0	090	25.53
851-007C	3/4	25	0	090	26.12
851-010C	1	15	0	090	28.52
851-012C	1-1/4	15	0	090	34.81
851-015C	1-1/2	20	0	090	38.64
851-020C	2	10	0	090	46.77
851-025C	2-1/2	10	0	090	96.91
851-030C	3	10	0	090	101.34
851-040C	4	5	0	090	136.91
851-050C	5	5	0	090	250.91
851-060C	6	5	0	090	233.23
851-080C	8	2	0	090	532.81

### Flange One Piece Fipt



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005C	1/2	25	0	090	35.69
852-007C	3/4	25	0	090	43.27
852-010C	1	15	0	090	47.22
852-012C	1-1/4	15	0	090	65.54
852-015C	1-1/2	20	0	090	69.38
852-020C	2	10	0	090	70.65
852-025C	2-1/2	10	0	090	114.68
852-030C	3	10	0	090	113.79
852-040C	4	5	0	090	176.90

### Blind Flange



1/2" - 12" Molded - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
14" - 24" Fabricated - 50 psi Maximum Internal Pressure Rating @ 73°F (23°C)

853-005C	1/2	25	100	090	38.27
853-007C	3/4	25	0	090	41.49
853-010C	1	20	0	090	51.72
853-012C	1-1/4	20	0	090	58.52
853-015C	1-1/2	15	0	090	81.90
853-020C	2	10	0	090	86.04
853-025C	2-1/2	10	0	090	130.16
853-030C	3	10	0	090	161.81
853-040C	4	8	0	090	219.18
853-060C	6	5	0	090	367.66
853-080C	8	5	0	090	681.96
853-100C	10	3	0	091	1229.64
853-120C	12	2	0	091	2065.79
853-140CF	14	1	0	097	2400.73
853-160CF	16	1	0	097	3722.30
853-180CF	18	1	0	097	4588.64
853-200CF	20	1	0	097	4916.88
853-240CF	24	1	0	097	5982.82

### Flange Van Stone Style with Plastic Ring Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

854-005C	1/2	25	0	090	25.70
854-007C	3/4	25	0	090	26.28
854-010C	1	15	0	090	28.70
854-012C	1-1/4	15	0	090	35.04
854-015C	1-1/2	20	0	090	38.90

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Flange Van Stone Style with Plastic Ring Soc (continued)

854-020C	2	10	0	090	47.11
854-025C	2-1/2	10	0	090	97.59
854-030C	3	10	0	090	102.18
854-040C	4	5	0	090	137.99
854-050C	5	5	0	090	235.13
854-060C	6	5	0	090	235.13
854-080C	8	2	0	090	707.48
854-100C	10	2	0	091	1703.17
854-120C	12	2	0	091	2555.67
854-140C	14	1	0	091	2879.81
854-160C	16	1	0	091	3599.78
854-180C	18	1	0	091	5843.81

### Flange Van Stone Style with Plastic Ring Spig



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

856-005C	1/2	25	0	090	29.72
856-007C	3/4	25	0	090	31.90
856-010C	1	15	0	090	36.22
856-012C	1-1/4	15	0	090	44.82
856-015C	1-1/2	15	0	090	49.56
856-020C	2	10	0	090	69.37
856-025C	2-1/2	10	0	090	108.65
856-030C	3	10	0	090	118.98
856-040C	4	5	0	090	122.44
856-060C	6	4	0	090	267.33
856-080C	8	2	0	090	544.91
856-100C	10	2	0	091	1829.76
856-120C	12	2	0	091	2748.57
856-140CF	14	1	0	097	2924.49
856-160CF	16	1	0	097	3622.66

### Flange Van Stone Style with Plastic Solid Ring Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

S854-030C	3	10	0	090	145.95
S854-040C	4	5	0	090	197.17
S854-060C	6	4	0	090	335.89
S854-080C	8	2	0	090	1010.67
S854-100C	10	2	0	091	2433.11
S854-120C	12	2	0	091	3650.95

### Flange Van Stone Style Class 300 Bolt Pattern Fabricated with Plastic Ring Soc



Molded with fabricated ring - 150 psi = maximum internal pressure rating @ 73°F (23°C)

854-005CL300C	1/2	1	25	097	195.55
854-007CL300C	3/4	1	25	097	261.99
854-010CL300C	1	1	15	097	319.46
854-012CL300C	1-1/4	1	15	097	339.39
854-015CL300C	1-1/2	1	20	097	352.40
854-020CL300C	2	1	10	097	391.46
854-025CL300C	2-1/2	1	10	097	465.81
854-030CL300C	3	1	10	097	506.23
854-040CL300C	4	1	5	097	798.35
854-060CL300C	6	1	4	097	1507.56
854-080CL300C	8	1	3	097	1734.73
854-100CL300C	10	1	2	097	1961.37
854-120CL300C	12	1	0	097	2450.34
854-140CL300C	14	1	0	097	2721.45

**Schedule 80 CPVC Industrial Products & Accessories**  
**Pipe Flanges & Van Stone Style Flange Replacement Split Rings**



**Pipe Flanges**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Van Stone Style Class 300 Bolt Pattern**  
**Fabricated with Plastic Ring (continued)**

Soc

854-160CL300C	16	1	0	097	2863.52
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**Flange Van Stone Style with Plastic Ring**  
**Fipt**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

855-005C	1/2	25	0	090	35.93
855-007C	3/4	25	0	090	43.55
855-010C	1	15	0	090	47.55
855-012C	1-1/4	15	0	090	65.44
855-015C	1-1/2	20	0	090	69.87
855-020C	2	10	0	090	71.18
855-025C	2-1/2	10	0	090	114.60
855-030C	3	10	0	090	114.60
855-040C	4	5	0	090	178.16
855-060C <sup>1</sup>	6	1	0	090	301.61
855-080C <sup>1</sup>	8	1	2	090	463.57
855-080CF	8	1	2	097	412.05

<sup>1</sup> - Flange assembled with molded Female Adapter

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange Van Stone Style with Plastic Ring ASTM**  
**Soc x Multi-bolt Pattern Ring**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M854-020C	2	10	0	090	46.20
M854-060C	6	4	0	090	235.13
M854-080C	8	2	0	090	707.48

**Special Reinforced Flange One Piece**  
**Threaded**

SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005CSR	1/2	25	0	096	19.62
852-007CSR	3/4	25	0	096	23.80
852-010CSR	1	15	0	096	26.04
852-012CSR	1-1/4	15	0	096	36.03
852-015CSR	1-1/2	15	0	096	38.20
852-020CSR	2	10	0	096	39.13
852-025CSR	2-1/2	10	0	090	62.96
852-030CSR	3	10	0	096	62.47
852-040CSR	4	5	0	096	117.06

**Van Stone Style Flange Replacement Split Rings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Application & Use of Van Stone Style**  
**Flange Replacement Split Rings**



Designed for easy Van Stone style flange ring replacement in the event of system modification, repair, or improper assembly without having to remove existing flange hub. Split rings are made as a direct replacement of existing one-piece rings used on Spears® brand only of Van Stone style flanges with ANSI Class 150 bolt pattern plastic rings. Remove old ring to be replaced then simply place the split ring sections around hub and install flange bolts (not included) through special designed section overlap to hold in position. Install appropriate user supplied bolts, washers and gasket (see Flange Gasket and Bolt Hardware Kits in this catalog); torque to specifications according to normal flange assembly. Split rings are a set of either 2-pieces or 4-pieces (illustrated) sections depending on size, in regular PVC, Glass Filled PVC, or CPVC for flange type and sizes listed.

**CPVC Flange Replacement Split Rings**  
**For Spears® Flanges with CPVC Rings**



854-005-1SC	1/2	10	0	090	74.62
854-007-1SC	3/4	10	0	090	79.21
854-010-1SC	1	10	0	090	88.59
854-012-1SC	1-1/4	10	0	090	90.31
854-015-1SC	1-1/2	20	0	090	92.53
854-020-1SC	2	40	0	090	122.81
854-025-1SC	2-1/2	10	0	090	142.06
854-030-1SC	3	10	0	090	157.50
854-040-1SC	4	10	0	090	166.80
854-050-1SC	5	5	0	090	228.68
854-060-1SC	6	5	0	090	270.60
854-080-1SC	8	4	0	090	309.16
854-100-1SC	10	4	0	091	390.27
854-120-1SC	12	2	0	091	483.71
854-140-1SC	14	1	0	091	662.55

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC Flange Replacement Split Rings (continued)**  
**For Spears® Flanges with CPVC Rings**

854-160-1SC	16	1	0	091	823.07
854-180-1SC	18	1	0	091	893.95
854-200-1SC	20	1	0	097	5699.04
854-240-1SC	24	1	0	097	5813.39

Fits 854-xxxC Socket, 855-xxxC Threaded, and 856-xxxC Spigot hub configurations





## Schedule 80 CPVC Industrial Products & Accessories Flange Insulating Joints & Flange Bolt Kits

### Flange Insulating Joints

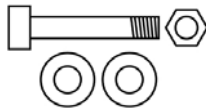
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Flange Insulating Joints - Class 150 Bolt Pattern</b>					
<b>PP Flange Spacer with PVC Bolt Isolators</b>					
Size = Nominal Flange Diameter x Thickness (in.) For Dielectric Insulation Between Dissimilar Metal Flanges 300 psi Maximum Internal Pressure Rating @ 73°F (23°C)					
IJ-030-010P	<b>3X1</b>	1	0	016	437.66
IJ-040-010P	<b>4X1</b>	1	0	016	489.00
IJ-060-010P	<b>6X1</b>	1	0	016	581.23
IJ-080-010P	<b>8X1</b>	1	0	016	674.56
IJ-100-010P	<b>10X1</b>	1	0	016	1371.04
IJ-120-010P	<b>12X1</b>	1	0	016	1484.97
IJ-140-010P	<b>14X1</b>	1	0	016	1924.19
IJ-160-010P	<b>16X1</b>	1	0	016	2445.09
IJ-180-010P	<b>18X1</b>	1	0	016	3272.97
IJ-200-010P	<b>20X1</b>	1	0	016	4225.35
IJ-240-010P	<b>24X1</b>	1	0	016	5868.24



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Flange Insulating Joints - Class 300 Bolt Pattern</b>					
<b>PP Flange Spacer with PVC Bolt Isolators</b>					
Size = Nominal Flange Diameter x Thickness (in.) For Dielectric Insulation Between Dissimilar Metal Flanges 300 psi Maximum Internal Pressure Rating @ 73°F (23°C)					
IJ300-030-010P	<b>3X1</b>	1	0	016	644.74
IJ300-040-010P	<b>4X1</b>	1	0	016	717.09
IJ300-060-010P	<b>6X1</b>	1	0	016	1098.37
IJ300-080-010P	<b>8X1</b>	1	0	016	1370.26
IJ300-100-010P	<b>10X1</b>	1	0	016	2273.20
IJ300-120-010P	<b>12X1</b>	1	0	016	2987.23
IJ300-140-010P	<b>14X1</b>	1	0	016	3763.17
IJ300-160-010P	<b>16X1</b>	1	0	016	4012.77
IJ300-180-010P	<b>18X1</b>	1	0	016	5015.00
IJ300-200-010P	<b>20X1</b>	1	0	016	5810.30
IJ300-240-010P	<b>24X1</b>	1	0	016	7134.02



### Flange Bolt Kits Bolt Kit Selection Guide



Order Gaskets & Bolt Kits Separately

- Kit Contains All Bolts, Nuts, & Flat Washers for Specified Flange Size
- For Connecting Two (2) Mating Spears® Flanges
- Pre-coated, Anti-seize Lubricated Bolts
- Available in Zinc Coated Steel, Type 304 Stainless Steel or Type 316 Stainless Steel

Flange Size	Bolts <sup>1</sup> Per Kit	Diameter (in.-TPI)	Length (in.)	Hardware Kit Part Number		
				Zinc	316 SS	304 SS
1/2 & 3/4	4	1/2-13	2	HK-005	HK1-005	HK2-005
1 & 1-1/4	4	1/2-13	2-1/4	HK-010	HK1-010	HK2-010
1-1/2	4	1/2-13	2-1/2	HK-015	HK1-015	HK2-015
2	4	5/8-11	3	HK-020	HK1-020	HK2-020
2-1/2	4	5/8-11	3-1/4	HK-025	HK1-025	HK2-025
3	4	5/8-11	3-1/2	HK-030	HK1-030	HK2-030
4	8	5/8-11	3-1/2	HK-040	HK1-040	HK2-040
5 & 6	8	3/4-10	4	HK-060	HK1-060	HK2-060
8	8	3/4-10	4-1/2	HK-080	HK1-080	HK2-080
10 & 12	12	7/8-9	5	HK-120	HK1-120	HK2-120

<sup>1</sup> - Each Bolt includes Nut & two (2) Flat Washers

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Zinc Plated Steel Flange Bolt Hardware Kits</b>					
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK-005	<b>1/2</b>	1	10	017	9.53
HK-010	<b>3/4 &amp; 1</b>	1	10	017	11.91
HK-015	<b>1-1/4 &amp; 1-1/2</b>	1	10	017	17.91
HK-020	<b>2</b>	1	10	017	23.97
HK-025	<b>2-1/2</b>	1	10	017	28.74
HK-030	<b>3</b>	1	10	017	33.07
HK-040	<b>4</b>	1	5	017	68.51
HK-060	<b>5 &amp; 6</b>	1	5	017	76.20
HK-080	<b>8</b>	1	0	017	89.30
HK-120	<b>10 &amp; 12</b>	1	0	017	120.82



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 316 Stainless Steel Flange Bolt Hardware Kits (continued)</b>					
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK1-015	<b>1-1/4 &amp; 1-1/2</b>	1	10	017	45.39
HK1-020	<b>2</b>	1	10	017	54.59
HK1-025	<b>2-1/2</b>	1	10	017	58.51
HK1-030	<b>3</b>	1	10	017	77.20
HK1-040	<b>4</b>	1	5	017	154.81
HK1-060	<b>5 &amp; 6</b>	1	5	017	201.91
HK1-080	<b>8</b>	1	0	017	253.36
HK1-120	<b>10 &amp; 12</b>	1	0	017	515.45

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 316 Stainless Steel Flange Bolt Hardware Kits</b>					
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK1-005	<b>1/2</b>	1	10	017	28.60
HK1-010	<b>3/4 &amp; 1</b>	1	10	017	41.20



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 304 Stainless Steel Flange Bolt Hardware Kits</b>					
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK2-005	<b>1/2</b>	1	10	017	25.02
HK2-010	<b>3/4 &amp; 1</b>	1	10	017	35.69
HK2-015	<b>1-1/4 &amp; 1-1/2</b>	1	10	017	42.05
HK2-020	<b>2</b>	1	10	017	49.46
HK2-025	<b>2-1/2</b>	1	10	017	52.44





**Schedule 80 CPVC Industrial Products & Accessories  
Flange Bolt Kits & Full-Faced Flange Gaskets**

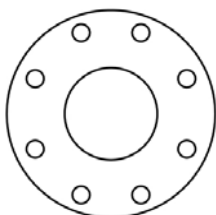


**Flange Bolt Kits**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 304 Stainless Steel Flange Bolt Hardware Kits (continued)</b>					
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK2-030	3	1	10	017	65.12
HK2-040	4	1	5	017	130.24
HK2-060	5 & 6	1	5	017	137.28

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Type 304 Stainless Steel Flange Bolt Hardware Kits (continued)</b>					
For Connection of 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers					
HK2-080	8	1	0	017	180.52
HK2-120	10 & 12	1	0	017	319.94

**Full-Faced Flange Gaskets  
Gasket Selection Guide**



Order Gaskets & Bolt Kits Separately

- 1/8" Full-Face design with ANSI Class 150 Bolt Patterns
- Pressure rated to 150 psi @ 73°F
- Available in Buna-N, EPDM, or Viton® (FKM)

Flange Size	Bolt Holes	Gasket Part Number		
		Buna-N	EPDM	FKM
1/2	4	GK1-005	GK2-005	GK3-005
3/4	4	GK1-007	GK2-007	GK3-007
1	4	GK1-010	GK2-010	GK3-010
1-1/4	4	GK1-012	GK2-012	GK3-012
1-1/2	4	GK1-015	GK2-015	GK3-015
2	4	GK1-020	GK2-020	GK3-020
2-1/2	4	GK1-025	GK2-025	GK3-025
3	4	GK1-030	GK2-030	GK3-030
4	8	GK1-040	GK2-040	GK3-040
5	8	GK1-050	GK2-050	GK3-050
6	8	GK1-060	GK2-060	GK3-060
8	8	GK1-080	GK2-080	GK3-080
10	12	GK1-100	GK2-100	GK3-100
12	12	GK1-120	GK2-120	GK3-120

**Buna-N Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK1-005	1/2	1	25	017	3.06
GK1-007	3/4	1	25	017	3.51
GK1-010	1	1	25	017	3.61
GK1-012	1-1/4	1	25	017	3.70
GK1-015	1-1/2	1	25	017	3.97
GK1-020	2	1	25	017	4.44
GK1-025	2-1/2	1	25	017	4.88
GK1-030	3	1	25	017	7.51
GK1-040	4	1	25	017	8.40
GK1-050	5	1	25	017	9.96
GK1-060	6	1	25	017	10.23
GK1-080	8	1	25	017	13.49
GK1-100	10	1	25	017	17.12
GK1-120	12	1	25	017	23.09

**Viton® (FKM) Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK3-005	1/2	1	25	017	14.49
GK3-007	3/4	1	25	017	17.20
GK3-010	1	1	25	017	19.01
GK3-012	1-1/4	1	5	017	21.46
GK3-015	1-1/2	1	25	017	27.07
GK3-020	2	1	25	017	37.84
GK3-025	2-1/2	1	25	017	50.61
GK3-030	3	1	25	017	113.09
GK3-040	4	1	25	017	130.55
GK3-050	5	1	25	017	152.19
GK3-060	6	1	25	017	172.66
GK3-080	8	1	25	017	245.99
GK3-100	10	1	25	017	327.20
GK3-120	12	1	25	017	461.02

**EPDM Full-Faced Flange Gaskets**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK2-005	1/2	1	25	017	4.06
GK2-007	3/4	1	25	017	4.32
GK2-010	1	1	25	017	4.51
GK2-012	1-1/4	1	25	017	4.74
GK2-015	1-1/2	1	25	017	5.09
GK2-020	2	1	25	017	6.21
GK2-025	2-1/2	1	25	017	7.46
GK2-030	3	1	25	017	10.96
GK2-040	4	1	25	017	12.48
GK2-050	5	1	25	017	15.61
GK2-060	6	1	25	017	16.38
GK2-080	8	1	25	017	21.82
GK2-100	10	1	25	017	28.43
GK2-120	12	1	25	017	39.12



## Schedule 80 CPVC Industrial Products & Accessories Gauge Guards



Connections use Spears® Patented Special Reinforced (SR)  
Female Threads on Pressure Inlet (1/4" or 1/2")

Pressure Rating  
235 psi @ 73°F  
16 BAR @ 22°C  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
Rated for Full Vacuum Service

Gauge Guards are pre-filled with glycerin-water  
on units with Factory Installed Gauges.  
"No Gauge" units are to be filled by end user.

### CPVC GAUGE GUARDS

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>PTFE Diaphragm</b>					
No Gauge	G0004-002C 128.23	G0004-005C 128.23	1	18	625
0-30 in-Hg	G30V4-002C 216.49	G30V4-005C 216.49	1	18	625
0-15 psi	G0154-002C 204.66	G0154-005C 204.66	1	18	625
0-30 psi	G0304-002C 204.66	G0304-005C 204.66	1	18	625
0-60 psi	G0604-002C 204.66	G0604-005C 204.66	1	18	625
0-100 psi	G1004-002C 204.66	G1004-005C 204.66	1	18	625
0-160 psi	G1604-002C 204.66	G1604-005C 204.66	1	18	625
0-200 psi	G2004-002C 204.66	G2004-005C 204.66	1	18	625
0-300 psi	G3004-002C 204.66	G3004-005C 204.66	1	18	625

### Viton® Diaphragm

No Gauge	G0003-002C 128.23	G0003-005C 128.23	1	18	625
0-30 in-Hg	G30V3-002C 216.49	G30V3-005C 216.49	1	18	625
0-15 psi	G0153-002C 204.66	G0153-005C 204.66	1	18	625
0-30 psi	G0303-002C 204.66	G0303-005C 204.66	1	18	625
0-60 psi	G0603-002C 204.66	G0603-005C 204.66	1	18	625
0-100 psi	G1003-002C 204.66	G1003-005C 204.66	1	18	625
0-160 psi	G1603-002C 204.66	G1603-005C 204.66	1	18	625
0-200 psi	G2003-002C 204.66	G2003-005C 204.66	1	18	625
0-300 psi	G3003-002C 204.66	G3003-005C 204.66	1	18	625

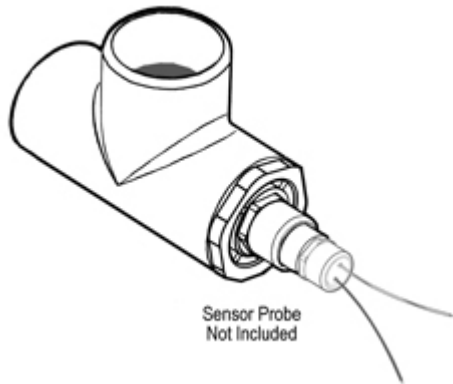
### EPDM Diaphragm

No Gauge	G0002-002C 123.12	G0002-005C 123.12	1	18	625
0-30 in-Hg	G30V2-002C 207.80	G30V2-005C 207.80	1	18	625
0-15 psi	G0152-002C 196.56	G0152-005C 196.56	1	18	625
0-30 psi	G0302-002C 196.56	G0302-005C 196.56	1	18	625
0-60 psi	G0602-002C 196.56	G0602-005C 196.56	1	18	625
0-100 psi	G1002-002C 196.56	G1002-005C 196.56	1	18	625
0-160 psi	G1602-002C 196.56	G1602-005C 196.56	1	18	625
0-200 psi	G2002-002C 196.56	G2002-005C 196.56	1	18	625

### CPVC GAUGE GUARDS (continued)

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>EPDM Diaphragm</b>					
0-300 psi	G3002-002C 196.56	G3002-005C 196.56	1	18	625

**Schedule 80 CPVC Industrial Products & Accessories**  
**Gauge & Instrument Fittings Schedule 80 Specialty Fittings for Sensor Probes**



Use with a wide variety of commercial sensor probes including pressure, temperature, pH, ORP (REDOX), Conductivity, Dissolved Oxygen and other specialty electrodes that are used in industrial, municipal water, wastewater treatment, solid landfills, chemical manufacturing, electroplating, boilers and cooling towers, pulp and paper, DI water skids, pool & spa and other OEM applications. Features Spears® patented Special Reinforced (SR) female plastic thread connection that eliminates splitting from inadvertent over tightening.

- Centers Probe in Fluid Stream
- Suitable for Horizontal or Vertical Installations
- Available in 1/2" Through 8" Tee Configuration with 1/2", 3/4" or 1" NPT Connection

**CPVC Instrument Probe Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced**

803-005CSR	<b>1/2</b>	25	0	096	10.39
803-095CSR	<b>3/4X1/2X3/4</b>	15	0	096	15.39
803-007CSR	<b>3/4</b>	15	0	096	16.49
803-113CSR	<b>1X1/4X1</b>	15	0	096	46.65
803-122CSR	<b>1X1/2X1</b>	15	0	096	17.69
803-126CSR	<b>1X3/4X1</b>	15	0	096	24.77
803-010CSR	<b>1</b>	15	0	096	19.32
803-142CSR	<b>1-1/4X1/2X1-1/4</b>	10	0	096	30.56
803-149CSR	<b>1-1/4X3/4X1-1/4</b>	10	0	096	30.90
803-159CSR	<b>1-1/4X1X1-1/4</b>	10	0	096	33.91
803-177CSR	<b>1-1/2X1/2X1-1/2</b>	10	0	096	34.85
803-188CSR	<b>1-1/2X3/4X1-1/2</b>	10	0	096	37.33
803-197CSR	<b>1-1/2X1X1-1/2</b>	10	0	096	37.04
803-221CSR	<b>2X1/2X2</b>	10	0	096	46.32
803-227CSR	<b>2X3/4X2</b>	10	0	096	52.05
803-233CSR	<b>2X1X2</b>	10	0	096	52.62
803-333CSR	<b>3X1/2X3</b>	5	0	096	74.33
803-334CSR	<b>3X3/4X3</b>	5	0	096	77.62
803-335CSR	<b>3X1X3</b>	5	0	096	78.73
803-415CSR	<b>4X1/2X4</b>	4	0	096	113.09
803-416CSR	<b>4X3/4X4</b>	4	0	096	120.45
803-417CSR	<b>4X1X4</b>	4	0	096	122.65
803-523CSR	<b>6X1/2X6</b>	2	0	096	237.88
803-524CSR	<b>6X3/4X6</b>	2	0	096	245.22
803-525CSR	<b>6X1X6</b>	2	0	096	252.35
803-573CSR	<b>8X1/2X8</b>	1	0	096	501.20
803-574CSR	<b>8X3/4X8</b>	1	0	096	507.38
803-575CSR	<b>8X1X8</b>	1	0	096	521.05



**Schedule 80 CPVC Industrial Products & Accessories**  
**True Union 2000 Industrial Ball Valves**



**Socket Style**



**SR Threaded Style**



**6" Lever Handle Style**

All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
 Contact Spears® for Pricing on Custom Elastomer Seals

See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**Pressure Rating @ 73°F (23°C), Water**  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi

**Maximum Service Temperature**  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

**Note:** Standard 6" Valve uses lockout type Lever-Style Handle for proper leverage.  
 Non-locking T-Handle is more compact, but will increase difficulty of operation.  
 True Union 2000 Industrial Ball Valves have Built-in Handle Lockouts (except 6" T-Handle Option)

**CPVC Industrial**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded &amp; Socket Ends</b>					
<b>1/2</b>	1829-005C <b>62.35</b>	1839-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1829-007C <b>78.52</b>	1839-007C <b>87.27</b>	1	18	602
<b>1</b>	1829-010C <b>93.48</b>	1839-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1829-012C <b>148.61</b>	1839-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1829-015C <b>156.95</b>	1839-015C <b>174.39</b>	1	8	602
<b>2</b>	1829-020C <b>209.90</b>	1839-020C <b>241.30</b>	1	4	602

**Socket Ends**

<b>2-1/2</b>	1822-025C <b>470.62</b>	1832-025C <b>522.88</b>	1	0	603
<b>3</b>	1822-030C <b>550.26</b>	1832-030C <b>611.45</b>	1	0	603
<b>4</b>	1822-040C <b>997.11</b>	1832-040C <b>1107.88</b>	1	0	603
<b>6</b>	1822-060C <b>2122.69</b>	1832-060C <b>2358.38</b>	1	0	613
<b>8</b>	1822-080C <b>2823.20</b>	1832-080C <b>3136.67</b>	1	0	613

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

**Threaded Ends**

<b>2-1/2</b>	1821-025C <b>470.62</b>	1831-025C <b>522.88</b>	1	0	603
<b>3</b>	1821-030C <b>550.26</b>	1831-030C <b>611.45</b>	1	0	603
<b>4</b>	1821-040C <b>997.11</b>	1831-040C <b>1107.88</b>	1	0	603
<b>6</b>	1821-060C <b>2122.69</b>	1831-060C <b>2358.38</b>	1	0	613

**SR Threaded Ends**

<b>1/2</b>	1821-005CSR <b>63.35</b>	1831-005CSR <b>70.29</b>	1	18	602
<b>3/4</b>	1821-007CSR <b>80.97</b>	1831-007CSR <b>89.71</b>	1	18	602
<b>1</b>	1821-010CSR <b>95.93</b>	1831-010CSR <b>106.29</b>	1	12	602
<b>1-1/4</b>	1821-012CSR <b>155.96</b>	1831-012CSR <b>172.52</b>	1	8	602
<b>1-1/2</b>	1821-015CSR <b>164.85</b>	1831-015CSR <b>182.26</b>	1	8	602
<b>2</b>	1821-020CSR <b>218.45</b>	1831-020CSR <b>249.85</b>	1	4	602
<b>2-1/2</b>	1821-025CSR <b>493.60</b>	1831-025CSR <b>545.85</b>	1	0	603
<b>3</b>	1821-030CSR <b>573.23</b>	1831-030CSR <b>634.41</b>	1	0	603
<b>4</b>	1821-040CSR <b>1023.91</b>	1831-040CSR <b>1134.72</b>	1	0	603
<b>6</b>	1821-060CSR <b>2180.86</b>	1831-060CSR <b>2416.54</b>	1	0	613

**CPVC Industrial**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>1/2</b>	1827-005C <b>62.35</b>	1837-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1827-007C <b>78.52</b>	1837-007C <b>87.27</b>	1	18	602
<b>1</b>	1827-010C <b>93.48</b>	1837-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1827-012C <b>148.61</b>	1837-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1827-015C <b>156.95</b>	1837-015C <b>174.39</b>	1	8	602
<b>2</b>	1827-020C <b>209.90</b>	1837-020C <b>241.30</b>	1	4	602
<b>2-1/2</b>	1827-025C <b>470.62</b>	1837-025C <b>522.88</b>	1	0	603
<b>3</b>	1827-030C <b>550.26</b>	1837-030C <b>611.45</b>	1	0	603
<b>4</b>	1827-040C <b>997.11</b>	1837-040C <b>1107.88</b>	1	0	603
<b>6</b>	1827-060C <b>2122.69</b>	1837-060C <b>2358.38</b>	1	0	613

**Flanged Ends**

<b>1/2</b>	1823-005C <b>105.79</b>	1833-005C <b>108.07</b>	1	8	602
<b>3/4</b>	1823-007C <b>129.68</b>	1833-007C <b>135.06</b>	1	8	602
<b>1</b>	1823-010C <b>148.45</b>	1833-010C <b>157.59</b>	1	8	602
<b>1-1/4</b>	1823-012C <b>221.81</b>	1833-012C <b>229.60</b>	1	8	602
<b>1-1/2</b>	1823-015C <b>243.98</b>	1833-015C <b>252.11</b>	1	4	602
<b>2</b>	1823-020C <b>339.51</b>	1833-020C <b>404.35</b>	1	0	602
<b>2-1/2</b>	1823-025C <b>633.67</b>	1833-025C <b>760.61</b>	1	0	603
<b>3</b>	1823-030C <b>926.70</b>	1833-030C <b>947.83</b>	1	0	603
<b>4</b>	1823-040C <b>1625.28</b>	1833-040C <b>1690.28</b>	1	0	603
<b>6</b>	1823-060C <b>3461.83</b>	1833-060C <b>3599.57</b>	1	0	613
<b>8</b>	1823-080C <b>4604.22</b>	1833-080C <b>4787.41</b>	1	0	613

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

**CPVC 6" Industrial T-Handle Valve Option (Non-Locking) NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>6</b>	18226-060C <b>2122.69</b>	18326-060C <b>2358.38</b>	1	0	613



**True Union 2000 Industrial Ball Valves**

**CPVC 6" Industrial T-Handle Valve Option (Non-Locking) NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>					
<b>6</b>	18216-060C <b>2122.69</b>	18316-060C <b>2358.38</b>	1	0	613
<b>SR Threaded Ends</b>					
<b>6</b>	18216-060CSR <b>2180.86</b>	18316-060CSR <b>2416.54</b>	1	0	613
<b>Flanged Ends</b>					
<b>6</b>	18236-060C <b>3461.83</b>	18336-060C <b>3599.57</b>	1	0	613

**True Union 2000 Industrial Vented/Bleach Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" 150 psi  
 Flanged 150 psi

Same True Union 2000 Industrial Ball Valve with Special Ball Vent Design for Sodium Hypochlorite (Bleach) and other Chemical Applications where entrapped fluids may form caustic crystalline residues and pressure build up from gases developed. Valve has a 1/8" vent hole in ball to equalize internal fluid pressures. Install valve with ball vent on the pressure (upstream) side when in closed position.

All Valves assembled with Silicone-Free, Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Custom Elastomer Seals. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**CPVC True Union 2000 Industrial Vented/Bleach Ball Valves**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded &amp; Socket Ends</b>					
Threaded End Connectors available on request					
<b>1/2</b>	1829V-005C <b>73.34</b>	1839V-005C <b>81.50</b>	1	18	602
<b>3/4</b>	1829V-007C <b>92.37</b>	1839V-007C <b>102.67</b>	1	18	602
<b>1</b>	1829V-010C <b>109.98</b>	1839V-010C <b>122.19</b>	1	12	602
<b>1-1/4</b>	1829V-012C <b>174.84</b>	1839V-012C <b>194.34</b>	1	8	602
<b>1-1/2</b>	1829V-015C <b>184.65</b>	1839V-015C <b>205.16</b>	1	8	602
<b>2</b>	1829V-020C <b>246.96</b>	1839V-020C <b>283.87</b>	1	4	602

**Socket Ends**

<b>2-1/2</b>	1822V-025C <b>553.67</b>	1832V-025C <b>615.13</b>	1	0	603
<b>3</b>	1822V-030C <b>647.37</b>	1832V-030C <b>719.33</b>	1	0	603
<b>4</b>	1822V-040C <b>1173.05</b>	1832V-040C <b>1303.40</b>	1	0	603
<b>6</b>	1822V-060C <b>2497.30</b>	1832V-060C <b>2774.57</b>	1	0	613

**SR Threaded Ends**

<b>1/2</b>	1821V-005CSR <b>74.51</b>	1831V-005CSR <b>82.70</b>	1	18	602
<b>3/4</b>	1821V-007CSR <b>95.27</b>	1831V-007CSR <b>105.52</b>	1	18	602
<b>1</b>	1821V-010CSR <b>112.83</b>	1831V-010CSR <b>125.04</b>	1	12	602
<b>1-1/4</b>	1821V-012CSR <b>183.46</b>	1831V-012CSR <b>202.97</b>	1	8	602
<b>1-1/2</b>	1821V-015CSR <b>193.94</b>	1831V-015CSR <b>214.44</b>	1	8	602

**CPVC True Union 2000 Industrial Vented/Bleach Ball Valves (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>2</b>	1821V-020CSR <b>257.01</b>	1831V-020CSR <b>293.94</b>	1	4	602
<b>2-1/2</b>	1821V-025CSR <b>580.70</b>	1831V-025CSR <b>642.17</b>	1	0	603
<b>3</b>	1821V-030CSR <b>674.40</b>	1831V-030CSR <b>746.37</b>	1	0	603
<b>4</b>	1821V-040CSR <b>1204.61</b>	1831V-040CSR <b>1334.97</b>	1	0	603

**Flanged Ends**

<b>1/2</b>	1823V-005C <b>124.45</b>	1833V-005C <b>127.13</b>	1	8	602
<b>3/4</b>	1823V-007C <b>152.56</b>	1833V-007C <b>158.93</b>	1	8	602
<b>1</b>	1823V-010C <b>174.65</b>	1833V-010C <b>185.40</b>	1	8	602
<b>1-1/4</b>	1823V-012C <b>260.96</b>	1833V-012C <b>270.11</b>	1	8	602
<b>1-1/2</b>	1823V-015C <b>287.03</b>	1833V-015C <b>296.61</b>	1	4	602
<b>2</b>	1823V-020C <b>399.43</b>	1833V-020C <b>475.69</b>	1	0	602
<b>2-1/2</b>	1823V-025C <b>745.50</b>	1833V-025C <b>894.83</b>	1	0	603
<b>3</b>	1823V-030C <b>1090.23</b>	1833V-030C <b>1115.07</b>	1	0	603
<b>4</b>	1823V-040C <b>1988.55</b>	1833V-040C <b>1988.57</b>	1	0	603
<b>6</b>	1823V-060C <b>4234.79</b>	1833V-060C <b>4234.79</b>	1	0	613



## Schedule 80 CPVC Industrial Products & Accessories True Union 2000 Industrial 3-Way Ball Valves

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
 Vertical 3-Way or Horizontal Diverter Design  
 (No Branch Shut-off)

All Standard Carton Quantities are one  
 All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

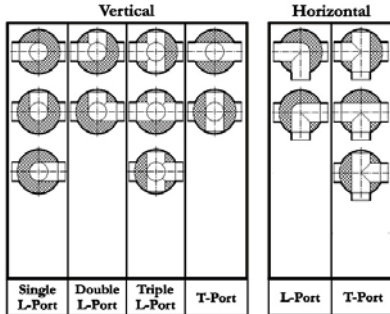


Horizontal Diverter Valve



Vertical 3-Way Valve

Ball Port Options



Ball port options viewed from top of valve

### CPVC Horizontal Diverter Ball Valves

Material		EPDM				Viton®				Disc Code
Joint	Ball Port	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each	
1/2	L-Port	5022L1-005C 149.93	5021L1-005CSR 154.69	5027L1-005C 149.93	5023L1-005C 306.09	5032L1-005C 162.43	5031L1-005CSR 169.83	5037L1-005C 162.43	5033L1-005C 319.73	617
	T-Port	5022T1-005C 149.93	5021T1-005CSR 154.69	5027T1-005C 149.93	5023T1-005C 306.09	5032T1-005C 162.43	5031T1-005CSR 169.83	5037T1-005C 162.43	5033T1-005C 319.73	617
3/4	L-Port	5022L1-007C 178.71	5021L1-007CSR 184.65	5027L1-007C 178.71	5023L1-007C 320.24	5032L1-007C 192.37	5031L1-007CSR 198.29	5037L1-007C 192.37	5033L1-007C 338.01	617
	T-Port	5022T1-007C 178.71	5021T1-007CSR 184.65	5027T1-007C 178.71	5023T1-007C 320.24	5032T1-007C 192.37	5031T1-007CSR 198.29	5037T1-007C 192.37	5033T1-007C 338.01	617
1	L-Port	5022L1-010C 216.71	5021L1-010CSR 222.50	5027L1-010C 216.71	5023L1-010C 456.32	5032L1-010C 238.78	5031L1-010CSR 244.53	5037L1-010C 238.78	5033L1-010C 498.95	617
	T-Port	5022T1-010C 216.71	5021T1-010CSR 222.50	5027T1-010C 216.71	5023T1-010C 456.32	5032T1-010C 238.78	5031T1-010CSR 244.53	5037T1-010C 238.78	5033T1-010C 498.95	617
1-1/4	L-Port	5022L1-012C 251.13	5021L1-012CSR 262.48	5027L1-012C 251.13	5023L1-012C 863.30	5032L1-012C 281.56	5031L1-012CSR 294.40	5037L1-012C 281.56	5033L1-012C 914.49	617
	T-Port	5022T1-012C 251.13	5021T1-012CSR 262.48	5027T1-012C 251.13	5023T1-012C 863.30	5032T1-012C 281.56	5031T1-012CSR 294.40	5037T1-012C 281.56	5033T1-012C 914.49	617
1-1/2	L-Port	5022L1-015C 293.76	5021L1-015CSR 312.67	5027L1-015C 293.76	5023L1-015C 889.44	5032L1-015C 321.52	5031L1-015CSR 340.47	5037L1-015C 321.52	5033L1-015C 930.10	617
	T-Port	5022T1-015C 293.76	5021T1-015CSR 312.67	5027T1-015C 293.76	5023T1-015C 889.44	5032T1-015C 321.52	5031T1-015CSR 340.47	5037T1-015C 321.52	5033T1-015C 930.10	617
2	L-Port	5022L1-020C 360.38	5021L1-020CSR 379.24	5027L1-020C 360.38	5023L1-020C 1154.90	5032L1-020C 420.01	5031L1-020CSR 440.54	5037L1-020C 420.01	5033L1-020C 1212.98	617
	T-Port	5022T1-020C 360.38	5021T1-020CSR 379.24	5027T1-020C 360.38	5023T1-020C 1154.90	5032T1-020C 420.01	5031T1-020CSR 440.54	5037T1-020C 420.01	5033T1-020C 1212.98	617
2-1/2	L-Port	5022L1-025C 1214.79	5021L1-025CSR 1267.78	5027L1-025C 1214.79	5023L1-025C 2027.88	5032L1-025C 1291.65	5031L1-025CSR 1344.84	5037L1-025C 1291.65	5033L1-025C 2376.52	617
	T-Port	5022T1-025C 1214.79	5021T1-025CSR 1267.78	5027T1-025C 1214.79	5023T1-025C 2027.88	5032T1-025C 1291.65	5031T1-025CSR 1344.84	5037T1-025C 1291.65	5033T1-025C 2376.52	617
3	L-Port	5022L1-030C 1239.48	5021L1-030CSR 1295.26	5027L1-030C 1239.48	5023L1-030C 2055.21	5032L1-030C 1311.88	5031L1-030CSR 1365.06	5037L1-030C 1311.88	5033L1-030C 2387.47	617
	T-Port	5022T1-030C 1239.48	5021T1-030CSR 1295.26	5027T1-030C 1239.48	5023T1-030C 2055.21	5032T1-030C 1311.88	5031T1-030CSR 1365.06	5037T1-030C 1311.88	5033T1-030C 2387.47	617
4	L-Port	5022L1-040C 2244.79	5021L1-040CSR 2305.50	5027L1-040C 2244.79	5023L1-040C 2984.98	5032L1-040C 2270.14	5031L1-040CSR 2330.97	5037L1-040C 2270.14	5033L1-040C 3262.61	617
	T-Port	5022T1-040C 2244.79	5021T1-040CSR 2305.50	5027T1-040C 2244.79	5023T1-040C 2984.98	5032T1-040C 2270.14	5031T1-040CSR 2330.97	5037T1-040C 2270.14	5033T1-040C 3262.61	617



**Schedule 80 CPVC Industrial Products & Accessories  
True Union 2000 Industrial 3-Way Ball Valves**



**CPVC Vertical 3-Way Ball Valves**

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	L-Port	4722L1-005C 149.09	4721L1-005CSR 151.55	4727L1-005C 149.09	4723L1-005C 308.05	4732L1-005C 161.43	4731L1-005CSR 163.89	4737L1-005C 161.43	4733L1-005C 319.26	617
	Double L-Port	4722L2-005C 297.04	4721L2-005CSR 299.33	4727L2-005C 297.04	4723L2-005C 456.00	4732L2-005C 309.38	4731L2-005CSR 311.69	4737L2-005C 309.38	4733L2-005C 467.03	617
	Triple L-Port	4722L3-005C 297.04	4721L3-005CSR 299.33	4727L3-005C 297.04	4723L3-005C 456.00	4732L3-005C 309.38	4731L3-005CSR 311.69	4737L3-005C 309.38	4733L3-005C 467.03	617
	T-Port	4722T1-005C 149.09	4721T1-005CSR 151.55	4727T1-005C 149.09	4723T1-005C 308.05	4732T1-005C 161.43	4731T1-005CSR 163.89	4737T1-005C 161.43	4733T1-005C 319.26	617
3/4	L-Port	4722L1-007C 174.94	4721L1-007CSR 181.01	4727L1-007C 174.94	4723L1-007C 323.53	4732L1-007C 190.57	4731L1-007CSR 196.65	4737L1-007C 190.57	4733L1-007C 337.18	617
	Double L-Port	4722L2-007C 322.87	4721L2-007CSR 328.62	4727L2-007C 322.87	4723L2-007C 471.32	4732L2-007C 338.50	4731L2-007CSR 344.43	4737L2-007C 338.50	4733L2-007C 484.96	617
	Triple L-Port	4722L3-007C 322.87	4721L3-007CSR 328.62	4727L3-007C 322.87	4723L3-007C 471.32	4732L3-007C 338.50	4731L3-007CSR 344.43	4737L3-007C 338.50	4733L3-007C 484.96	617
	T-Port	4722T1-007C 174.94	4721T1-007CSR 181.01	4727T1-007C 174.94	4723T1-007C 323.53	4732T1-007C 190.57	4731T1-007CSR 196.65	4737T1-007C 190.57	4733T1-007C 337.18	617
1	L-Port	4722L1-010C 212.62	4721L1-010CSR 218.55	4727L1-010C 212.62	4723L1-010C 461.43	4732L1-010C 236.81	4731L1-010CSR 242.73	4737L1-010C 236.81	4733L1-010C 499.44	617
	Double L-Port	4722L2-010C 360.54	4721L2-010CSR 366.47	4727L2-010C 360.54	4723L2-010C 609.36	4732L2-010C 384.57	4731L2-010CSR 390.52	4737L2-010C 384.57	4733L2-010C 647.38	617
	Triple L-Port	4722L3-010C 360.54	4721L3-010CSR 366.47	4727L3-010C 360.54	4723L3-010C 609.36	4732L3-010C 384.57	4731L3-010CSR 390.52	4737L3-010C 384.57	4733L3-010C 647.38	617
	T-Port	4722T1-010C 212.62	4721T1-010CSR 218.55	4727T1-010C 212.62	4723T1-010C 461.43	4732T1-010C 236.81	4731T1-010CSR 242.73	4737T1-010C 236.81	4733T1-010C 499.44	617
1-1/4	L-Port	4722L1-012C 257.21	4721L1-012CSR 269.05	4727L1-012C 257.21	4723L1-012C 869.87	4732L1-012C 303.12	4731L1-012CSR 314.97	4737L1-012C 303.12	4733L1-012C 920.06	617
	Double L-Port	4722L2-012C 404.98	4721L2-012CSR 416.83	4727L2-012C 404.98	4723L2-012C 1017.66	4732L2-012C 450.89	4731L2-012CSR 463.57	4737L2-012C 450.89	4733L2-012C 694.13	617
	Triple L-Port	4722L3-012C 404.98	4721L3-012CSR 416.83	4727L3-012C 404.98	4723L3-012C 1017.66	4732L3-012C 450.89	4731L3-012CSR 463.57	4737L3-012C 450.89	4733L3-012C 1067.84	617
	T-Port	4722T1-012C 257.21	4721T1-012CSR 269.05	4727T1-012C 257.21	4723T1-012C 869.87	4732T1-012C 303.12	4731T1-012CSR 314.97	4737T1-012C 303.12	4733T1-012C 920.06	617
1-1/2	L-Port	4722L1-015C 297.35	4721L1-015CSR 316.45	4727L1-015C 297.35	4723L1-015C 902.31	4732L1-015C 325.99	4731L1-015CSR 345.07	4737L1-015C 325.99	4733L1-015C 930.10	617
	Double L-Port	4722L2-015C 445.32	4721L2-015CSR 464.22	4727L2-015C 445.32	4723L2-015C 1050.05	4732L2-015C 473.95	4731L2-015CSR 530.69	4737L2-015C 473.95	4733L2-015C 1078.04	617
	Triple L-Port	4722L3-015C 445.32	4721L3-015CSR 464.22	4727L3-015C 445.32	4723L3-015C 1050.05	4732L3-015C 473.95	4731L3-015CSR 530.69	4737L3-015C 473.95	4733L3-015C 1078.04	617
	T-Port	4722T1-015C 297.35	4721T1-015CSR 316.45	4727T1-015C 297.35	4723T1-015C 902.31	4732T1-015C 325.99	4731T1-015CSR 345.07	4737T1-015C 325.99	4733T1-015C 930.10	617
2	L-Port	4722L1-020C 364.84	4721L1-020CSR 385.39	4727L1-020C 364.84	4723L1-020C 1162.79	4732L1-020C 423.57	4731L1-020CSR 444.14	4737L1-020C 423.57	4733L1-020C 1214.14	617
	Double L-Port	4722L2-020C 512.63	4721L2-020CSR 533.34	4727L2-020C 512.63	4723L2-020C 1266.31	4732L2-020C 571.37	4731L2-020CSR 591.91	4737L2-020C 571.37	4733L2-020C 1362.07	617
	Triple L-Port	4722L3-020C 512.63	4721L3-020CSR 533.34	4727L3-020C 512.63	4723L3-020C 1266.31	4732L3-020C 571.37	4731L3-020CSR 591.91	4737L3-020C 571.37	4733L3-020C 1362.07	617
	T-Port	4722T1-020C 364.84	4721T1-020CSR 385.39	4727T1-020C 364.84	4723T1-020C 1162.79	4732T1-020C 423.57	4731T1-020CSR 444.14	4737T1-020C 423.57	4733T1-020C 1214.14	617
2-1/2	L-Port	4722L1-025C 1283.10	4721L1-025CSR 1336.23	4727L1-025C 1283.10	4723L1-025C 2036.60	4732L1-025C 1297.56	4731L1-025CSR 1350.72	4737L1-025C 1297.56	4733L1-025C 2373.81	617
	Double L-Port	4722L2-025C 1430.86	4721L2-025CSR 1466.88	4727L2-025C 1430.86	4723L2-025C 2184.56	4732L2-025C 1445.35	4731L2-025CSR 1498.51	4737L2-025C 1445.35	4733L2-025C 2521.59	617
	Triple L-Port	4722L3-025C 1430.86	4721L3-025CSR 1466.88	4727L3-025C 1430.86	4723L3-025C 2184.56	4732L3-025C 1445.35	4731L3-025CSR 1498.51	4737L3-025C 1445.35	4733L3-025C 2521.59	617
	T-Port	4722T1-025C 1283.10	4721T1-025CSR 1336.23	4727T1-025C 1283.10	4723T1-025C 2036.60	4732T1-025C 1297.56	4731T1-025CSR 1350.72	4737T1-025C 1297.56	4733T1-025C 2373.81	617
3	L-Port	4722L1-030C 1309.41	4721L1-030CSR 1362.57	4727L1-030C 1309.41	4723L1-030C 2064.94	4732L1-030C 1320.95	4731L1-030CSR 1374.27	4737L1-030C 1320.95	4733L1-030C 2389.44	617
	Double L-Port	4722L2-030C 1457.21	4721L2-030CSR 1493.23	4727L2-030C 1457.21	4723L2-030C 2212.69	4732L2-030C 1468.87	4731L2-030CSR 1522.04	4737L2-030C 1468.87	4733L2-030C 2537.21	617
	Triple L-Port	4722L3-030C 1457.21	4721L3-030CSR 1493.23	4727L3-030C 1457.21	4723L3-030C 2212.69	4732L3-030C 1468.87	4731L3-030CSR 1522.04	4737L3-030C 1468.87	4733L3-030C 2537.21	617
	T-Port	4722T1-030C 1309.41	4721T1-030CSR 1362.57	4727T1-030C 1309.41	4723T1-030C 2064.94	4732T1-030C 1320.95	4731T1-030CSR 1374.27	4737T1-030C 1320.95	4733T1-030C 2389.44	617
4	L-Port	4722L1-040C 2263.39	4721L1-040CSR 2324.11	4727L1-040C 2263.39	4723L1-040C 3031.56	4732L1-040C 2285.43	4731L1-040CSR 2346.16	4737L1-040C 2285.43	4733L1-040C 3144.12	617
	Double L-Port	4722L2-040C 2411.15	4721L2-040CSR 2471.88	4727L2-040C 2411.15	4723L2-040C 3149.70	4732L2-040C 2433.21	4731L2-040CSR 2493.94	4737L2-040C 2433.21	4733L2-040C 3291.89	617
	Triple L-Port	4722L3-040C 2411.15	4721L3-040CSR 2471.88	4727L3-040C 2411.15	4723L3-040C 3149.70	4732L3-040C 2433.21	4731L3-040CSR 2493.94	4737L3-040C 2433.21	4733L3-040C 3291.89	617
	T-Port	4722T1-040C 2263.39	4721T1-040CSR 2324.11	4727T1-040C 2263.39	4723T1-040C 3031.56	4732T1-040C 2285.43	4731T1-040CSR 2346.16	4737T1-040C 2285.43	4733T1-040C 3144.12	617



## Schedule 80 CPVC Industrial Products & Accessories Tee-Style "Zero Dead-Leg" Ball Valves



Valves are produced to order in Ball Valve sizes 1/2" - 2". Tee Valves can be custom produced in any standard Tee and Valve size combination.

Pressure Rating @ 73°F (23°C), Water  
Valve Sizes 1/2" - 2" (20mm - 63mm) = 235 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply

**Additional Notes**

The Tee Valve is assembled with socket end connector. Tee Valves are a non-stock configuration. All orders are non-cancelable, non-returnable.

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>1/2</b>	182901-005C <b>238.90</b>	183901-005C <b>250.18</b>	1	12	264
<b>3/4</b>	182901-007C <b>261.06</b>	183901-007C <b>273.98</b>	1	8	264
<b>1</b>	182901-010C <b>265.99</b>	183901-010C <b>285.39</b>	1	8	264
<b>2</b>	182901-020C <b>290.62</b>	183901-020C <b>335.69</b>	1	4	264
<b>3/4X1/2</b>	182901-101C <b>242.85</b>	183901-101C <b>254.11</b>	1	12	264
<b>1X1/2</b>	182901-130C <b>220.24</b>	183901-130C <b>263.22</b>	1	8	264
<b>1X3/4</b>	182901-131C <b>265.99</b>	183901-131C <b>278.93</b>	1	8	264
<b>1-1/4X1/2</b>	182901-166C <b>269.51</b>	183901-166C <b>280.80</b>	1	8	264
<b>1-1/4X3/4</b>	182901-167C <b>270.93</b>	183901-167C <b>283.84</b>	1	8	264
<b>1-1/4X1</b>	182901-168C <b>310.54</b>	183901-168C <b>329.93</b>	1	8	264
<b>1-1/2X1/2</b>	182901-209C <b>302.72</b>	183901-209C <b>313.39</b>	1	8	264
<b>1-1/2X3/4</b>	182901-210C <b>311.49</b>	183901-210C <b>319.15</b>	1	8	264
<b>1-1/2X1</b>	182901-211C <b>322.24</b>	183901-211C <b>329.93</b>	1	8	264
<b>2X1/2</b>	182901-247C <b>345.70</b>	183901-247C <b>356.96</b>	1	8	264
<b>2X3/4</b>	182901-248C <b>373.01</b>	183901-248C <b>385.93</b>	1	8	264
<b>2X1</b>	182901-249C <b>392.56</b>	183901-249C <b>411.95</b>	1	8	264
<b>2X1-1/2</b>	182901-251C <b>460.94</b>	183901-251C <b>485.11</b>	1	8	264
<b>3X1/2</b>	182901-333C <b>455.07</b>	183901-333C <b>466.34</b>	1	0	264
<b>3X1</b>	182901-335C <b>476.55</b>	183901-335C <b>495.94</b>	1	0	264
<b>3X1-1/2</b>	182901-337C <b>542.96</b>	183901-337C <b>567.14</b>	1	0	264
<b>3X2</b>	182901-338C <b>595.70</b>	183901-338C <b>640.77</b>	1	0	264
<b>4X1</b>	182901-417C <b>585.93</b>	183901-417C <b>605.32</b>	1	0	264
<b>4X1-1/2</b>	182901-419C <b>652.32</b>	183901-419C <b>676.52</b>	1	0	264
<b>4X2</b>	182901-420C <b>777.32</b>	183901-420C <b>822.39</b>	1	0	264
<b>6X2</b>	182901-528C <b>1015.30</b>	183901-528C <b>1060.36</b>	1	0	264
<b>8X2</b>	182901-578C <b>1498.01</b>	183901-578C <b>1543.09</b>	1	0	264

### CPVC Metric

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>20</b>	182901M-020C <b>238.90</b>	183901M-020C <b>250.18</b>	1	8	264

### CPVC Metric (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>25</b>	182901M-025C <b>277.72</b>	183901M-025C <b>273.98</b>	1	8	263
<b>32</b>	182901M-032C <b>265.99</b>	183901M-032C <b>285.39</b>	1	8	264
<b>40</b>	182901M-040C <b>269.68</b>	183901M-040C <b>287.83</b>	1	8	264
<b>50</b>	182901M-050C <b>274.48</b>	183901M-050C <b>323.41</b>	1	8	264
<b>63</b>	182901M-063C <b>290.62</b>	183901M-063C <b>335.69</b>	1	8	004

**Schedule 80 CPVC Industrial Products & Accessories  
True Union 2000 Standard Ball Valves**



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" = 235 psi  
 2-1/2" - 4" = 150 psi  
 Flanged = 150 psi

Maximum Service Temperature  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**CPVC Standard**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	3629-005C 49.86	3639-005C 55.44	1	18	610
<b>3/4</b>	3629-007C 62.82	3639-007C 69.82	1	18	610
<b>1</b>	3629-010C 74.79	3639-010C 83.10	1	12	610
<b>1-1/4</b>	3629-012C 118.90	3639-012C 132.15	1	8	610
<b>1-1/2</b>	3629-015C 125.55	3639-015C 139.51	1	8	610
<b>2</b>	3629-020C 167.94	3639-020C 193.05	1	4	610

**Socket Ends**

<b>2-1/2</b>	3622-025C 376.49	3632-025C 418.30	1	0	611
<b>3</b>	3622-030C 440.22	3632-030C 489.16	1	0	611
<b>4</b>	3622-040C 797.68	3632-040C 886.31	1	0	611

**Threaded Ends**

<b>2-1/2</b>	3621-025C 376.49	3631-025C 418.30	1	0	611
<b>3</b>	3621-030C 440.22	3631-030C 489.16	1	0	611
<b>4</b>	3621-040C 797.68	3631-040C 886.31	1	0	611

**SR Threaded Ends**

<b>1/2</b>	3621-005CSR 50.67	3631-005CSR 56.23	1	18	610
<b>3/4</b>	3621-007CSR 64.80	3631-007CSR 71.78	1	18	610
<b>1</b>	3621-010CSR 76.73	3631-010CSR 85.01	1	18	610
<b>1-1/4</b>	3621-012CSR 124.77	3631-012CSR 138.00	1	12	610
<b>1-1/2</b>	3621-015CSR 131.26	3631-015CSR 145.80	1	8	610
<b>2</b>	3621-020CSR 174.74	3631-020CSR 199.87	1	8	610
<b>2-1/2</b>	3621-025CSR 394.87	3631-025CSR 436.69	1	0	611
<b>3</b>	3621-030CSR 458.59	3631-030CSR 507.54	1	0	611
<b>4</b>	3621-040CSR 819.15	3631-040CSR 908.47	1	0	611

**Spigot Ends**

<b>1/2</b>	3627-005C 49.86	3637-005C 55.44	1	18	610
<b>3/4</b>	3627-007C 62.82	3637-007C 69.82	1	18	610
<b>1</b>	3627-010C 74.79	3637-010C 83.10	1	12	610
<b>1-1/4</b>	3627-012C 118.90	3637-012C 132.15	1	12	610
<b>1-1/2</b>	3627-015C 125.55	3637-015C 139.51	1	8	610
<b>2</b>	3627-020C 167.94	3637-020C 193.05	1	8	610

**CPVC Standard (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>2-1/2</b>	3627-025C 376.49	3637-025C 418.30	1	0	611
<b>3</b>	3627-030C 440.22	3637-030C 489.16	1	0	611
<b>4</b>	3627-040C 797.68	3637-040C 886.31	1	0	611

**Flanged Ends**

<b>1/2</b>	3623-005C 84.63	3633-005C 86.46	1	8	610
<b>3/4</b>	3623-007C 103.73	3633-007C 108.11	1	8	610
<b>1</b>	3623-010C 118.76	3633-010C 126.07	1	8	610
<b>1-1/4</b>	3623-012C 177.45	3633-012C 183.67	1	4	610
<b>1-1/2</b>	3623-015C 195.20	3633-015C 201.69	1	4	610
<b>2</b>	3623-020C 271.61	3633-020C 323.47	1	0	610
<b>2-1/2</b>	3623-025C 506.94	3633-025C 608.49	1	0	611
<b>3</b>	3623-030C 695.02	3633-030C 758.27	1	0	611
<b>4</b>	3623-040C 1300.23	3633-040C 1352.23	1	0	611



**Schedule 80 CPVC Industrial Products & Accessories**  
**True Union 2000 Industrial Retrofit Ball Valves - Replaces Other Brand Valves**



Industrial Valve

Complete universal replacement valve for domestic and import CPVC valve. See separate catalog listing for retrofit replacement of older Spears® valves.

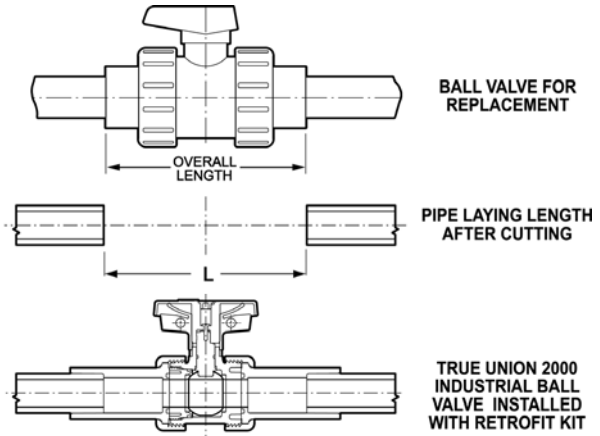
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" = 235 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Suitable for Vacuum Service

Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822R-005C <b>62.35</b>	1832R-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1822R-007C <b>78.52</b>	1832R-007C <b>87.27</b>	1	18	602
<b>1</b>	1822R-010C <b>93.48</b>	1832R-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1822R-012C <b>148.61</b>	1832R-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1822R-015C <b>156.95</b>	1832R-015C <b>174.39</b>	1	8	602
<b>2</b>	1822R-020C <b>209.90</b>	1832R-020C <b>241.30</b>	1	4	602
<b>2-1/2</b>	1822R-025C <b>470.62</b>	1832R-025C <b>522.88</b>	1	0	603
<b>3</b>	1822R-030C <b>550.26</b>	1832R-030C <b>611.45</b>	1	0	603
<b>4</b>	1822R-040C <b>997.11</b>	1832R-040C <b>1107.88</b>	1	0	603

**Schedule 80 CPVC Industrial Products & Accessories**  
**True Union 2000 Industrial Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**



Industrial Valve

Complete replacement valve for older Spears® 2300 Series Regular True Union Ball Valves. See separate catalog listing for replacement of other brand valves.

Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

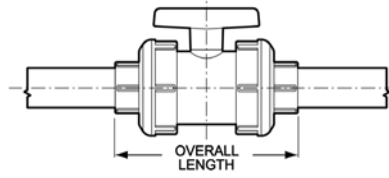
Pressure Rating @ 73°F (23°C),  
Water

1/2" - 4" 235 psi

All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant

Suitable for Vacuum Service

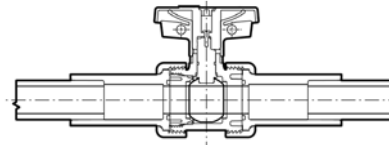
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 INDUSTRIAL BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822RS-005C <b>62.35</b>	1832RS-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1822RS-007C <b>78.52</b>	1832RS-007C <b>87.27</b>	1	18	602
<b>1</b>	1822RS-010C <b>93.48</b>	1832RS-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1822RS-012C <b>148.61</b>	1832RS-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1822RS-015C <b>156.95</b>	1832RS-015C <b>174.39</b>	1	8	602
<b>2</b>	1822RS-020C <b>209.90</b>	1832RS-020C <b>241.30</b>	1	4	602
<b>2-1/2</b>	1822RS-025C <b>470.62</b>	1832RS-025C <b>522.88</b>	1	0	603
<b>3</b>	1822RS-030C <b>550.26</b>	1832RS-030C <b>611.45</b>	1	0	603
<b>4</b>	1822RS-040C <b>997.11</b>	1832RS-040C <b>1107.88</b>	1	0	603



**Schedule 80 CPVC Industrial Products & Accessories**  
 True Union 2000 Standard Retrofit Ball Valves - Replaces Other Brand Valves & True Union 2000 Standard Retrofit Ball Valves -  
 Replaces Spears® "Regular Style" Valves

**True Union 2000 Standard Retrofit Ball Valves - Replaces Other Brand Valves**



Standard Valve

Complete universal replacement valve for domestic and import CPVC valve. See separate catalog listing for retrofit replacement of older Spears® valves.

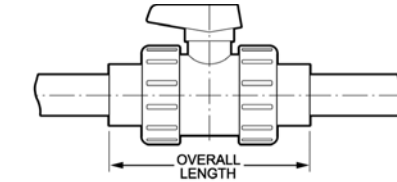
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant.

Suitable for Vacuum Service.

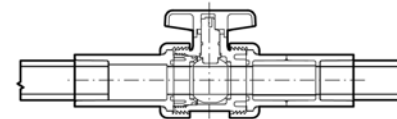
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 STANDARD BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	3622R-005C 49.86	3632R-005C 55.44	1	18	610
<b>3/4</b>	3622R-007C 62.82	3632R-007C 69.82	1	12	610
<b>1</b>	3622R-010C 74.79	3632R-010C 83.10	1	8	610
<b>1-1/4</b>	3622R-012C 118.90	3632R-012C 132.15	1	8	610
<b>1-1/2</b>	3622R-015C 125.55	3632R-015C 139.51	1	8	610

**CPVC - Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2</b>	3622R-020C 167.94	3632R-020C 193.05	1	4	610
<b>2-1/2</b>	3622R-025C 376.49	3632R-025C 418.30	1	0	611
<b>3</b>	3622R-030C 440.22	3632R-030C 489.16	1	0	611
<b>4</b>	3622R-040C 797.68	3632R-040C 886.31	1	0	611

**True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**



Standard Valve

Complete replacement valve for older Spears® 2300 Series Regular True Union Ball Valves. See separate catalog listing for replacement of other brand valves.

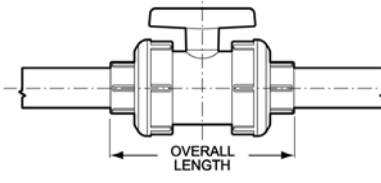
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi

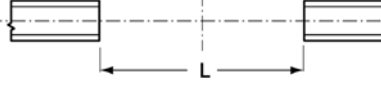
All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Suitable for Vacuum Service

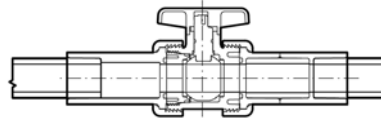
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 STANDARD BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	3622RS-005C 49.86	3632RS-005C 55.44	1	18	610
<b>3/4</b>	3622RS-007C 62.82	3632RS-007C 69.82	1	18	610
<b>1</b>	3622RS-010C 74.79	3632RS-010C 83.10	1	12	610
<b>1-1/4</b>	3622RS-012C 118.90	3632RS-012C 132.15	1	8	610

**CPVC - Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1-1/2</b>	3622RS-015C 125.55	3632RS-015C 139.51	1	8	610
<b>2</b>	3622RS-020C 167.94	3632RS-020C 193.05	1	4	610
<b>2-1/2</b>	3622RS-025C 376.49	3632RS-025C 418.30	1	0	611
<b>3</b>	3622RS-030C 440.22	3632RS-030C 489.16	1	0	611





**True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**

**CPVC - Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>4</b>	3622RS-040C 797.68	3632RS-040C 886.31	1	0	611

**True Union Ball Valves (Regular Style)**



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service  
 All Valves assembled with Silicone-Free, Water Soluble Lubricant.

6" Venturied Valves are 4" Ball Valves equipped with 4x6 End Connectors.

**CPVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Socket & Threaded Ends**

Threaded End Connectors available on request

<b>1/2</b>	2329-005C 71.79	2339-005C 79.80	1	18	232
<b>3/4</b>	2329-007C 90.45	2339-007C 100.51	1	12	232
<b>1</b>	2329-010C 107.65	2339-010C 119.62	1	8	232
<b>1-1/4</b>	2329-012C 171.15	2339-012C 190.23	1	8	232
<b>1-1/2</b>	2329-015C 180.76	2339-015C 200.85	1	8	232
<b>2</b>	2329-020C 241.77	2339-020C 277.90	1	4	232

**Socket Ends**

<b>2-1/2</b>	2322-025C 514.91	2332-025C 572.10	1	0	232
<b>3</b>	2322-030C 602.06	2332-030C 668.98	1	0	232
<b>4</b>	2322-040C 1090.95	2332-040C 1212.17	1	0	232

**Socket Venturied Ends**

<b>6 VENTURIED</b>	2322-060C 1814.86	2332-060C 1883.05	1	0	233
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**Threaded Ends**

<b>2-1/2</b>	2321-025C 514.91	2331-025C 572.10	1	0	232
<b>3</b>	2321-030C 602.06	2331-030C 668.98	1	0	232
<b>4</b>	2321-040C 1090.95	2331-040C 1212.17	1	0	232

**Flanged Ends**

<b>1/2</b>	2323-005C 121.82	2333-005C 124.45	6	0	232
<b>3/4</b>	2323-007C 149.34	2333-007C 155.56	5	0	232
<b>1</b>	2323-010C 170.99	2333-010C 181.50	5	0	232
<b>1-1/4</b>	2323-012C 255.45	2333-012C 264.41	2	0	232
<b>1-1/2</b>	2323-015C 281.00	2333-015C 290.33	3	0	232
<b>2</b>	2323-020C 391.02	2333-020C 465.68	2	0	232
<b>2-1/2</b>	2323-025C 693.31	2333-025C 832.19	1	0	232

**CPVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Flanged Ends**

<b>3</b>	2323-030C 1013.93	2333-030C 1037.03	1	0	232
<b>4</b>	2323-040C 1778.24	2333-040C 1849.36	1	0	232

**Flanged Venturied Ends**

<b>6 VENTURIED</b>	2323-060C 2756.35	2333-060C 2851.87	1	0	233
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**Schedule 80 CPVC Industrial Products & Accessories  
Compact 2000 Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricants.  
 Rated for Vacuum Service  
 Compact 2000 Ball Valves are a Maintenance-Free, Sealed Unit (non-repairable).  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features.

**CPVC 2000 Compact Ball Valve**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Socket Ends**

<b>1/2</b>	6622-005C <b>23.68</b>	6632-005C <b>26.35</b>	10	120	212
<b>3/4</b>	6622-007C <b>31.24</b>	6632-007C <b>35.10</b>	10	80	212
<b>1</b>	6622-010C <b>39.04</b>	6632-010C <b>43.90</b>	10	0	212
<b>1-1/4</b>	6622-012C <b>63.89</b>	6632-012C <b>78.96</b>	6	0	212
<b>1-1/2</b>	6622-015C <b>79.02</b>	6632-015C <b>87.80</b>	5	0	212
<b>2</b>	6622-020C <b>103.52</b>	6632-020C <b>116.31</b>	8	0	212

**Threaded Ends**

<b>1/2</b>	6621-005C <b>23.68</b>	6631-005C <b>26.35</b>	10	120	212
<b>3/4</b>	6621-007C <b>31.24</b>	6631-007C <b>35.10</b>	10	80	212
<b>1</b>	6621-010C <b>39.04</b>	6631-010C <b>43.90</b>	10	0	212
<b>1-1/4</b>	6621-012C <b>63.89</b>	6631-012C <b>78.96</b>	6	0	212
<b>1-1/2</b>	6621-015C <b>79.02</b>	6631-015C <b>87.80</b>	5	0	212
<b>2</b>	6621-020C <b>103.52</b>	6631-020C <b>116.31</b>	8	0	212

**Flanged Ends**

<b>1/2</b>	6623-005C <b>64.80</b>	6633-005C <b>66.80</b>	1	0	212
<b>3/4</b>	6623-007C <b>76.60</b>	6633-007C <b>79.98</b>	1	0	212
<b>1</b>	6623-010C <b>100.80</b>	6633-010C <b>106.75</b>	1	0	212
<b>1-1/4</b>	6623-012C <b>126.80</b>	6633-012C <b>133.60</b>	1	0	212
<b>1-1/2</b>	6623-015C <b>160.20</b>	6633-015C <b>169.79</b>	1	0	212
<b>2</b>	6623-020C <b>223.20</b>	6633-020C <b>229.80</b>	1	0	212

**Schedule 80 CPVC Industrial Products & Accessories  
Compact Ball Valves (Regular Style)**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 3" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free, Water Soluble Lubricants.  
 See Ball Valve Accessories & Repair Kits Section for Additional  
 Options & Features

Note: Standard 6" Valve uses Lever-Style Handle for proper leverage.  
 T-Handle option is more compact but will increase difficulty of  
 operation.

Socket/Threaded Style

**CPVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>1/2</b>	2122-005C <b>24.93</b>	2132-005C <b>27.72</b>	10	80	212
<b>3/4</b>	2122-007C <b>32.88</b>	2132-007C <b>36.96</b>	10	0	212
<b>1</b>	2122-010C <b>41.11</b>	2132-010C <b>46.21</b>	10	0	212
<b>1-1/4</b>	2122-012C <b>83.18</b>	2132-012C <b>92.39</b>	6	0	212
<b>1-1/2</b>	2122-015C <b>102.77</b>	2132-015C <b>108.04</b>	5	0	212
<b>2</b>	2122-020C <b>108.98</b>	2132-020C <b>122.45</b>	6	0	212
<b>3</b>	2122-030C <b>331.59</b>	2132-030C <b>369.84</b>	1	4	213
<b>4</b>	2122-040C <b>612.98</b>	2132-040C <b>688.69</b>	1	0	213
<b>6 (Lever Handle)</b>	2122-060C <b>1001.78</b>	2132-060C <b>1067.44</b>	1	0	213
<b>6 (Tee Handle)</b>	21226-060C <b>1001.78</b>	21326-060C <b>1067.44</b>	1	0	213

**Threaded Ends**

<b>1/2</b>	2121-005C <b>24.93</b>	2131-005C <b>27.72</b>	10	80	212
<b>3/4</b>	2121-007C <b>32.88</b>	2131-007C <b>36.96</b>	10	0	212
<b>1</b>	2121-010C <b>41.11</b>	2131-010C <b>46.21</b>	10	0	212
<b>1-1/4</b>	2121-012C <b>83.18</b>	2131-012C <b>92.39</b>	6	0	212
<b>1-1/2</b>	2121-015C <b>102.77</b>	2131-015C <b>108.04</b>	5	0	212
<b>2</b>	2121-020C <b>108.98</b>	2131-020C <b>122.45</b>	6	0	212
<b>3</b>	2121-030C <b>331.59</b>	2131-030C <b>369.84</b>	1	4	213
<b>4</b>	2121-040C <b>612.98</b>	2131-040C <b>688.69</b>	1	0	213

**Flanged Ends**

<b>1/2</b>	2123-005C <b>69.49</b>	2133-005C <b>72.30</b>	1	8	212
<b>3/4</b>	2123-007C <b>80.68</b>	2133-007C <b>84.76</b>	1	8	212
<b>1</b>	2123-010C <b>95.40</b>	2133-010C <b>100.52</b>	1	8	212
<b>1-1/4</b>	2123-012C <b>150.33</b>	2133-012C <b>159.56</b>	1	8	212
<b>1-1/2</b>	2123-015C <b>188.00</b>	2133-015C <b>193.81</b>	1	4	212
<b>2</b>	2123-020C <b>212.90</b>	2133-020C <b>226.37</b>	1	0	212
<b>3</b>	2123-030C <b>509.85</b>	2133-030C <b>548.10</b>	1	0	213
<b>4</b>	2123-040C <b>796.45</b>	2133-040C <b>872.15</b>	1	0	213
<b>6 (Lever Handle)</b>	2123-060C <b>1512.80</b>	2133-060C <b>1622.91</b>	1	0	213

**CPVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>6 (Tee Handle)</b>	21236-060C <b>1512.80</b>	21336-060C <b>1622.91</b>	1	0	213



**Schedule 80 CPVC Industrial Products & Accessories  
Utility Ball Valves & Lab Ball Valves**

**Utility Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
1/2" - 2" 150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant

See Ball Valve Accessories & Repair Kits  
Section for Additional Options and Features

**CPVC w/EPDM O-ring Seal**

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>1/2</b>	2621-005C <b>11.73</b>	2622-005C <b>11.73</b>	50	0	216
<b>3/4</b>	2621-007C <b>14.91</b>	2622-007C <b>14.91</b>	25	0	216
<b>1</b>	2621-010C <b>16.20</b>	2622-010C <b>16.20</b>	25	0	216

**CPVC w/EPDM O-ring Seal (continued)**

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>1-1/4</b>	2621-012C <b>22.83</b>	2622-012C <b>22.83</b>	20	0	216
<b>1-1/2</b>	2621-015C <b>35.40</b>	2622-015C <b>35.40</b>	20	0	216
<b>2</b>	2621-020C <b>44.03</b>	2622-020C <b>44.03</b>	8	0	216

**Lab Ball Valves**



Socket/Threaded Valve Only

Pressure Rating @ 73°F (23°C),  
Water  
1/4" - 3/8" 150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings  
Apply  
Rated for Vacuum Service

**Valve & Adapters includes:**

- 1 - Threaded 1/4" Valve
- 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
- 2 - EPDM or Viton® O-rings (AS568-013 size)
- 1 - End Connector Wrench
- 2 - O-ring Sealed 1/4" MPT x 3/8" I.D. Tubing Barb Adapters
- OR -
- 2 - O-ring Sealed 1/4" MPT x 1/4" I.D. Tubing Barb Adapters



Valve & Adapters

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

**CPVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Valve & Adapters Threaded Ends**

<b>1/4X3/8T</b>	1529-002C <b>29.36</b>	1539-002C <b>29.93</b>	1	25	219
<b>1/4X1/4T</b>	1529-002CA <b>29.36</b>	1539-002CA <b>29.93</b>	1	25	219

**Valve only Threaded Ends**

<b>1/4</b>	1521-002C <b>23.51</b>	1531-002C <b>25.85</b>	50	200	219
<b>3/8</b>	1521-003C <b>32.97</b>	1531-003C <b>30.90</b>	50	200	219

**Valve only Socket Ends**

<b>1/4</b>	1522-002C <b>23.51</b>	1532-002C <b>27.98</b>	50	200	219
<b>3/8</b>	1522-003C <b>32.97</b>	1532-003C <b>36.60</b>	50	200	219

## Schedule 80 CPVC Industrial Products & Accessories True Union 2000 Industrial Ball Check Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant  
 Contact Spears® for Pricing & Availability  
 on Custom Elastomer Seals  
 See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

Socket Style

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	4529-005C 79.14	4539-005C 88.10	1	18	606
<b>3/4</b>	4529-007C 94.72	4539-007C 105.27	1	18	606
<b>1</b>	4529-010C 111.77	4539-010C 124.17	1	18	606
<b>1-1/4</b>	4529-012C 192.50	4539-012C 213.69	1	12	606
<b>1-1/2</b>	4529-015C 192.50	4539-015C 213.69	1	8	606
<b>2</b>	4529-020C 257.12	4539-020C 286.48	1	8	606

#### Socket Ends

<b>2-1/2</b>	4522-025C 538.78	4532-025C 598.62	1	0	607
<b>3</b>	4522-030C 715.80	4532-030C 779.63	1	0	607
<b>4</b>	4522-040C 1182.31	4532-040C 1314.51	1	0	607
<b>6</b>	4522-060C 2441.02	4532-060C 2711.90	1	0	559
<b>8</b>	4522-080C 2871.80	4532-080C 3614.85	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

#### Threaded Ends

<b>2-1/2</b>	4521-025C 538.78	4531-025C 598.62	1	0	607
<b>3</b>	4521-030C 713.67	4531-030C 799.69	1	0	607
<b>4</b>	4521-040C 1182.31	4531-040C 1314.51	1	0	607
<b>6</b>	4521-060C 2441.02	4531-060C 2711.90	1	0	559

#### SR Threaded Ends

<b>1/2</b>	4521-005CSR 80.20	4531-005CSR 89.18	1	18	606
<b>3/4</b>	4521-007CSR 97.32	4531-007CSR 107.83	1	18	606
<b>1</b>	4521-010CSR 114.33	4531-010CSR 126.76	1	18	606
<b>1-1/4</b>	4521-012CSR 197.63	4531-012CSR 222.00	1	12	606
<b>1-1/2</b>	4521-015CSR 197.63	4531-015CSR 222.00	1	8	606
<b>2</b>	4521-020CSR 266.10	4531-020CSR 295.47	1	8	606
<b>2-1/2</b>	4521-025CSR 562.06	4531-025CSR 621.60	1	0	607
<b>3</b>	4521-030CSR 562.06	4531-030CSR 837.65	1	0	607
<b>4</b>	4521-040CSR 1209.12	4531-040CSR 1341.34	1	0	607
<b>6</b>	4521-060CSR 2506.84	4531-060CSR 2777.72	1	0	559

### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>1/2</b>	4527-005C 79.14	4537-005C 88.10	1	18	606
<b>3/4</b>	4527-007C 94.72	4537-007C 105.27	1	18	606
<b>1</b>	4527-010C 111.77	4537-010C 124.17	1	12	606
<b>1-1/4</b>	4527-012C 192.50	4537-012C 213.69	1	12	606
<b>1-1/2</b>	4527-015C 218.59	4537-015C 213.69	1	8	606
<b>2</b>	4527-020C 257.12	4537-020C 286.48	1	8	606
<b>2-1/2</b>	4527-025C 538.78	4537-025C 598.62	1	0	607
<b>3</b>	4527-030C 700.15	4537-030C 775.16	1	0	607
<b>4</b>	4527-040C 1182.31	4537-040C 1314.51	1	0	607
<b>6</b>	4527-060C 2441.02	4537-060C 2711.90	1	0	559

#### Flanged Ends

<b>1/2</b>	4523-005C 98.27	4533-005C 122.80	1	8	606
<b>3/4</b>	4523-007C 117.24	4533-007C 148.41	1	8	606
<b>1</b>	4523-010C 139.99	4533-010C 172.59	1	8	606
<b>1-1/4</b>	4523-012C 236.12	4533-012C 292.78	1	8	606
<b>1-1/2</b>	4523-015C 252.26	4533-015C 315.22	1	4	606
<b>2</b>	4523-020C 446.04	4533-020C 478.20	1	0	606
<b>2-1/2</b>	4523-025C 808.13	4533-025C 874.29	1	0	607
<b>3</b>	4523-030C 902.35	4533-030C 989.94	1	0	607
<b>4</b>	4523-040C 1492.90	4533-040C 1603.10	1	0	607
<b>6</b>	4523-060C 3980.64	4533-060C 4138.28	1	0	559
<b>8</b>	4523-080C 4582.09	4533-080C 4985.86	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.



**Schedule 80 CPVC Industrial Products & Accessories  
True Union Ball Check Valves (Regular Style) & Foot Valve Screens**

**True Union Ball Check Valves (Regular Style)**



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

6" Venturied Valves are 4" Ball Check Valves equipped with  
 4x6 End Connectors.

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

**CPVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	2229-005C 86.59	2239-005C 96.40	1	18	222
<b>3/4</b>	2229-007C 103.65	2239-007C 115.18	1	12	222
<b>1</b>	2229-010C 122.30	2239-010C 135.87	1	8	222
<b>1-1/4</b>	2229-012C 210.61	2239-012C 233.81	1	8	222
<b>1-1/2</b>	2229-015C 254.68	2239-015C 269.20	1	8	222
<b>2</b>	2229-020C 282.03	2239-020C 313.45	1	4	222

**Socket Ends**

<b>2-1/2</b>	2222-025C 589.49	2232-025C 654.97	1	0	222
<b>3</b>	2222-030C 960.18	2232-030C 1050.76	1	0	222
<b>4</b>	2222-040C 1293.59	2232-040C 1438.23	1	0	222

**Socket Venturied Ends**

<b>6 VENTURIED</b>	2222-060C 1668.73	2232-060C 1869.67	1	0	223
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**Threaded Ends**

<b>2-1/2</b>	2221-025C 589.49	2231-025C 654.97	1	0	222
<b>3</b>	2221-030C 960.18	2231-030C 1050.76	1	0	222
<b>4</b>	2221-040C 1293.59	2231-040C 1438.23	1	0	222

**CPVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>1/2</b>	2223-005C 107.52	2233-005C 134.35	6	0	222
<b>3/4</b>	2223-007C 128.27	2233-007C 162.39	5	0	222
<b>1</b>	2223-010C 153.16	2233-010C 188.82	5	0	222
<b>1-1/4</b>	2223-012C 258.35	2233-012C 320.33	2	0	222
<b>1-1/2</b>	2223-015C 276.00	2233-015C 344.88	3	0	222
<b>2</b>	2223-020C 488.01	2233-020C 523.21	2	0	222
<b>2-1/2</b>	2223-025C 776.52	2233-025C 884.18	1	0	222
<b>3</b>	2223-030C 987.29	2233-030C 1083.11	1	0	222
<b>4</b>	2223-040C 1633.40	2233-040C 1753.98	1	0	222

**Flanged Venturied Ends**

<b>6 VENTURIED</b>	2223-060C 1969.11	2233-060C 2131.44	1	0	223
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**Foot Valve Screens**

Convert to Foot Valve using adapter - Fits all Socket Ball Check Valves  
 or any IPS fitting socket



CPVC Foot Valve Screen

**Foot Valve Screens**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>CPVC</b>					
FVS-005C	<b>1/2</b>	10	60	299	59.71
FVS-007C	<b>3/4</b>	10	60	299	64.41
FVS-010C	<b>1</b>	10	40	299	73.12
FVS-012C	<b>1-1/4</b>	5	30	299	112.93
FVS-015C	<b>1-1/2</b>	5	0	299	117.26
FVS-020C	<b>2</b>	5	0	299	129.45
FVS-025C	<b>2-1/2</b>	5	0	299	188.60

**Foot Valve Screens (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FVS-030C	<b>3</b>	5	0	299	210.03
FVS-040C	<b>4</b>	5	0	299	300.18
FVS-060C	<b>6</b>	5	0	299	428.95



**Schedule 80 CPVC Industrial Products & Accessories  
Y-Check Valves**



True Union Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 150 psi  
 3" - 4" 90 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1622-005C <b>120.90</b>	1632-005C <b>133.14</b>	1	18	629
<b>3/4</b>	1622-007C <b>130.09</b>	1632-007C <b>143.86</b>	1	18	629
<b>1</b>	1622-010C <b>142.33</b>	1632-010C <b>157.63</b>	1	12	629
<b>1-1/4</b>	1622-012C <b>223.44</b>	1632-012C <b>247.93</b>	1	8	629
<b>1-1/2</b>	1622-015C <b>243.34</b>	1632-015C <b>269.35</b>	1	8	629
<b>2</b>	1622-020C <b>301.49</b>	1632-020C <b>335.15</b>	1	4	629
<b>3</b>	1622-030C <b>862.84</b>	1632-030C <b>965.46</b>	1	0	629
<b>4</b>	1622-040C <b>1040.67</b>	1632-040C <b>1156.99</b>	1	0	629

**CPVC - SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1621-005CSR <b>123.96</b>	1631-005CSR <b>137.73</b>	1	18	629
<b>3/4</b>	1621-007CSR <b>134.68</b>	1631-007CSR <b>149.99</b>	1	12	629
<b>1</b>	1621-010CSR <b>149.99</b>	1631-010CSR <b>165.28</b>	1	8	629
<b>1-1/4</b>	1621-012CSR <b>235.69</b>	1631-012CSR <b>258.64</b>	1	8	629
<b>1-1/2</b>	1621-015CSR <b>263.23</b>	1631-015CSR <b>289.26</b>	1	4	629
<b>2</b>	1621-020CSR <b>322.91</b>	1631-020CSR <b>356.60</b>	1	0	629
<b>3</b>	1621-030CSR <b>656.55</b>	1631-030CSR <b>722.36</b>	1	0	629
<b>4</b>	1621-040CSR <b>1100.37</b>	1631-040CSR <b>1216.69</b>	1	0	629

**CPVC - Flanged Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005C <b>157.63</b>	1633-005C <b>162.26</b>	1	8	629
<b>3/4</b>	1623-007C <b>172.95</b>	1633-007C <b>192.83</b>	1	8	629
<b>1</b>	1623-010C <b>208.15</b>	1633-010C <b>231.71</b>	1	8	629
<b>1-1/4</b>	1623-012C <b>321.39</b>	1633-012C <b>356.60</b>	1	4	629
<b>1-1/2</b>	1623-015C <b>339.74</b>	1633-015C <b>378.01</b>	1	4	629
<b>2</b>	1623-020C <b>456.06</b>	1633-020C <b>506.56</b>	1	0	629
<b>3</b>	1623-030C <b>893.77</b>	1633-030C <b>993.24</b>	1	0	629
<b>4</b>	1623-040C <b>1426.35</b>	1633-040C <b>1585.52</b>	1	0	629

**CPVC - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005C <b>131.62</b>	163A-005C <b>145.39</b>	1	12	629

**CPVC - True Union Socket Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	162A-007C <b>140.80</b>	163A-007C <b>157.63</b>	1	8	629
<b>1</b>	162A-010C <b>154.57</b>	163A-010C <b>171.41</b>	1	8	629
<b>1-1/4</b>	162A-012C <b>241.81</b>	163A-012C <b>269.35</b>	1	4	629
<b>1-1/2</b>	162A-015C <b>263.23</b>	163A-015C <b>292.32</b>	1	0	629
<b>2</b>	162A-020C <b>327.51</b>	163A-020C <b>364.23</b>	2	0	629
<b>3</b>	162A-030C <b>648.90</b>	163A-030C <b>708.57</b>	1	0	629
<b>4</b>	162A-040C <b>1130.98</b>	163A-040C <b>1256.48</b>	1	0	629

**CPVC - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005C <b>131.62</b>	163B-005C <b>145.39</b>	1	12	629
<b>3/4</b>	162B-007C <b>140.80</b>	163B-007C <b>157.63</b>	1	8	629
<b>1</b>	162B-010C <b>154.57</b>	163B-010C <b>171.41</b>	1	8	629
<b>1-1/4</b>	162B-012C <b>241.81</b>	163B-012C <b>269.35</b>	1	4	629
<b>1-1/2</b>	162B-015C <b>263.23</b>	163B-015C <b>292.32</b>	1	0	629
<b>2</b>	162B-020C <b>327.51</b>	163B-020C <b>364.23</b>	2	0	629
<b>3</b>	162B-030C <b>648.90</b>	163B-030C <b>708.57</b>	1	0	629
<b>4</b>	162B-040C <b>1130.98</b>	163B-040C <b>1256.48</b>	1	0	629

**CPVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CSR <b>134.68</b>	163B-005CSR <b>148.45</b>	1	12	629
<b>3/4</b>	162B-007CSR <b>146.93</b>	163B-007CSR <b>162.22</b>	1	8	629
<b>1</b>	162B-010CSR <b>162.22</b>	163B-010CSR <b>179.06</b>	1	8	629
<b>1-1/4</b>	162B-012CSR <b>255.57</b>	163B-012CSR <b>281.60</b>	1	4	629
<b>1-1/2</b>	162B-015CSR <b>286.19</b>	163B-015CSR <b>313.72</b>	1	0	629
<b>2</b>	162B-020CSR <b>351.99</b>	163B-020CSR <b>387.19</b>	1	0	629
<b>3</b>	162B-030CSR <b>713.18</b>	163B-030CSR <b>783.59</b>	1	0	629
<b>4</b>	162B-040CSR <b>1196.80</b>	163B-040CSR <b>1322.30</b>	1	0	629



## Schedule 80 CPVC Industrial Products & Accessories Butterfly Check Valves



Wafer



Flanged



Spigot



Threaded



Grooved

Pressure Rating @ 73°F (23°C), Water

2" - 8"      150 psi  
10" - 16"    100 psi  
18" - 24"    50 psi

Maximum Service Temperature  
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

**General Installation Information:** Butterfly Check Valve sealing may be affected by normal system turbulence. Flow velocities should be limited to approx per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in p of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, f flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loa Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Wafer</b>					
<b>2</b>	5420-020C <b>596.86</b>	5430-020C <b>662.52</b>	1	18	290
<b>2-1/2</b>	5420-025C <b>822.59</b>	5430-025C <b>871.77</b>	1	0	290
<b>3</b>	5420-030C <b>1052.17</b>	5430-030C <b>1167.91</b>	1	0	290
<b>4</b>	5420-040C <b>1430.98</b>	5430-040C <b>1588.37</b>	1	0	290
<b>6</b>	5420-060C <b>2169.38</b>	5430-060C <b>2408.02</b>	1	0	290
<b>8</b>	5420-080C <b>3680.67</b>	5430-080C <b>4085.54</b>	1	0	290
<b>10</b>	5420-100C <b>7915.72</b>	5430-100C <b>8707.30</b>	1	0	290
<b>12</b>	5420-120C <b>13940.65</b>	5430-120C <b>15334.72</b>	1	0	290

### Flanged Ends

<b>2</b>	5423-020C <b>760.27</b>	5433-020C <b>797.30</b>	1	8	290
<b>2-1/2</b>	5423-025C <b>1216.93</b>	5433-025C <b>1273.70</b>	1	0	290
<b>3</b>	5423-030C <b>1300.85</b>	5433-030C <b>1392.19</b>	1	0	290
<b>4</b>	5423-040C <b>1523.01</b>	5433-040C <b>1661.24</b>	1	0	290
<b>6</b>	5423-060C <b>2685.64</b>	5433-060C <b>2964.59</b>	1	0	290
<b>8</b>	5423-080C <b>4302.47</b>	5433-080C <b>4801.11</b>	1	0	290
<b>10</b>	5423-100C <b>8131.01</b>	5433-100C <b>8846.85</b>	1	0	290
<b>12</b>	5423-120C <b>14645.18</b>	5433-120C <b>15565.94</b>	1	0	290
<b>14</b>	5423-140C <b>20921.33</b>	5433-140C <b>22236.76</b>	1	0	290
<b>16</b>	5423-160C <b>29055.80</b>	5433-160C <b>30884.37</b>	1	0	290
<b>18</b>	5423-180C <b>36319.73</b>	5433-180C <b>38605.48</b>	1	0	290
<b>20</b>	5423-200C <b>51885.14</b>	5433-200C <b>55149.57</b>	1	0	290
<b>24</b>	5423-240C <b>64854.98</b>	5433-240C <b>68936.72</b>	1	0	289

### Spigot (Plain End)

<b>2</b>	5427-020C <b>399.88</b>	5437-020C <b>436.91</b>	1	12	290
<b>2-1/2</b>	5427-025C <b>540.60</b>	5437-025C <b>597.35</b>	1	12	290
<b>3</b>	5427-030C <b>550.47</b>	5437-030C <b>640.97</b>	1	8	290
<b>4</b>	5427-040C <b>691.15</b>	5437-040C <b>829.40</b>	1	4	290
<b>6</b>	5427-060C <b>1478.60</b>	5437-060C <b>1757.54</b>	1	0	290

### CPVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot (Plain End)</b>					
<b>8</b>	5427-080C <b>2219.12</b>	5437-080C <b>2717.74</b>	1	0	290
<b>10</b>	5427-100C <b>5546.55</b>	5437-100C <b>6262.43</b>	1	0	290
<b>12</b>	5427-120C <b>9101.10</b>	5437-120C <b>10021.00</b>	1	0	290
<b>14</b>	5427-140C <b>9519.26</b>	5437-140C <b>19882.22</b>	1	0	290
<b>16</b>	5427-160C <b>12588.10</b>	5437-160C <b>13067.26</b>	1	0	290
<b>18</b>	5427-180C <b>19142.33</b>	5437-180C <b>21970.47</b>	1	0	290
<b>20</b>	5427-200C <b>23928.86</b>	5437-200C <b>27460.38</b>	1	0	290
<b>24</b>	5427-240C <b>24784.56</b>	5437-240C <b>68936.72</b>	1	0	290

### Threaded Ends

<b>2</b>	5421A-020C <b>397.44</b>	5431A-020C <b>459.14</b>	1	12	290
<b>2-1/2</b>	5421A-025C <b>538.45</b>	5431A-025C <b>595.72</b>	1	8	290
<b>3</b>	5421A-030C <b>547.17</b>	5431A-030C <b>638.49</b>	1	8	290
<b>4</b>	5421A-040C <b>687.87</b>	5431A-040C <b>826.10</b>	1	4	290
<b>6</b>	5421A-060C <b>1467.06</b>	5431A-060C <b>1745.17</b>	1	0	290
<b>8</b>	5421A-080C <b>2208.90</b>	5431A-080C <b>2707.54</b>	1	0	290
<b>10</b>	5421A-100C <b>5537.82</b>	5431A-100C <b>6253.69</b>	1	0	290
<b>12</b>	5421A-120C <b>9086.60</b>	5431A-120C <b>10007.34</b>	1	0	290

### Grooved Ends

<b>2</b>	542G-020C <b>422.12</b>	543G-020C <b>488.95</b>	1	12	290
<b>2-1/2</b>	542G-025C <b>560.33</b>	543G-025C <b>617.12</b>	1	8	290
<b>3</b>	542G-030C <b>569.36</b>	543G-030C <b>660.71</b>	1	8	290
<b>4</b>	542G-040C <b>730.65</b>	543G-040C <b>869.53</b>	1	4	290
<b>6</b>	542G-060C <b>1530.43</b>	543G-060C <b>1809.37</b>	1	0	290
<b>8</b>	542G-080C <b>2268.66</b>	543G-080C <b>2767.28</b>	1	0	290
<b>10</b>	542G-100C <b>5630.49</b>	543G-100C <b>6346.32</b>	1	0	290
<b>12</b>	542G-120C <b>9384.97</b>	543G-120C <b>10305.68</b>	1	0	290

## Schedule 80 CPVC Industrial Products & Accessories Industrial Swing Check Valves



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4"

Pressure Rating @ 73°F (23°C), Water  
 3/4" - 4" 150 psi  
 6" 100 psi  
 8" 70 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free Lubricants



Bolted Bonnet on Sizes 1-1/2" & Up  
 (Valve Shown with Arrow Indicator Option)

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

### Industrial Swing Check Valves

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>3/4</b>	4423-007C 735.31	4433-007C 817.12	1	12	109
<b>1</b>	4423-010C 847.90	4433-010C 942.81	1	4	109
<b>1-1/4</b>	4423-012C 1060.66	4433-012C 1177.96	1	0	109
<b>1-1/2</b>	4423-015C 1094.29	4433-015C 1487.23	1	0	109
<b>2</b>	4423-020C 1411.12	4433-020C 1567.90	1	0	109
<b>2-1/2</b>	4423-025C 2338.50	4433-025C 2775.04	1	0	111
<b>3</b>	4423-030C 2921.12	4433-030C 3143.09	1	0	111
<b>4</b>	4423-040C 3351.87	4433-040C 3952.95	1	0	111
<b>6</b>	4423-060C 6859.63	4433-060C 7512.69	1	0	111
<b>8</b>	4423-080C 12239.94	4433-080C 14313.41	1	0	111

### Swing Check Valve With Counter Balance (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>1-1/4</b>	4423CB-012C 1055.53	4433CB-012C 1449.86	1	0	109
<b>1-1/2</b>	4423CB-015C 1449.86	4433CB-015C 1676.63	1	0	109
<b>2</b>	4423CB-020C 1884.47	4433CB-020C 2041.28	1	0	109
<b>2-1/2</b>	4423CB-025C 2844.47	4433CB-025C 3281.09	1	0	111
<b>3</b>	4423CB-030C 3079.35	4433CB-030C 4079.57	1	0	111
<b>4</b>	4423CB-040C 3810.22	4433CB-040C 4482.88	1	0	111
<b>6</b>	4423CB-060C 7465.49	4433CB-060C 8118.51	1	0	111
<b>8</b>	4423CB-080C 12856.35	4433CB-080C 14929.69	1	0	111

### Swing Check Valve With Arrow Indicator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>3/4</b>	4423I-007C 743.43	4433I-007C 824.74	1	12	109
<b>1</b>	4423I-010C 855.56	4433I-010C 951.99	1	4	109
<b>1-1/4</b>	4423I-012C 1055.53	4433I-012C 1188.68	1	0	109
<b>1-1/2</b>	4423I-015C 1214.04	4433I-015C 1188.68	1	0	109
<b>2</b>	4423I-020C 1422.15	4433I-020C 1608.88	1	0	109
<b>2-1/2</b>	4423I-025C 2346.45	4433I-025C 2814.29	1	0	111
<b>3</b>	4423I-030C 2518.23	4433I-030C 2814.29	1	0	111
<b>4</b>	4423I-040C 3374.18	4433I-040C 3976.31	1	0	111
<b>6</b>	4423I-060C 6961.49	4433I-060C 7520.82	1	0	111
<b>8</b>	4423I-080C 12253.09	4433I-080C 14358.67	1	0	111

### Swing Check Valve With Counter Balance

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>3/4</b>	4423CB-007C 1141.26	4433CB-007C 1244.12	1	12	109
<b>1</b>	4423CB-010C 1238.30	4433CB-010C 1345.86	1	4	109



**Schedule 80 CPVC Industrial Products & Accessories  
Diaphragm Check Valves**



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 100 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Santoprene™ TPE Seat

**CPVC Diaphragm Check Valves - Socket**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6562-007C	3/4	15	0	004	111.15

**CPVC Diaphragm Check Valves - Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6561-007C	3/4	15	0	004	111.15

**General Installation Information:** Diaphragm Check Valves have "normally closed" operation with 1 - 1-1/2 psi opening pressure and can be mounted in any position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Flow velocity should not exceed 5 ft./sec.

## Schedule 80 CPVC Industrial Products & Accessories Gate Valves



1/2" - 2" Socket/Threaded Style



2-1/2" - 3" Socket Style



4" Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 200 psi  
 2-1/2" - 3" 150 psi  
 4" 235 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply

CPVC Gate-Wedge on CPVC Valve  
 All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricant

### CPVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2011-005C 67.26	2021-005C 74.70	2031-005C 82.21	12	0	202
3/4	2011-007C 72.73	2021-007C 80.79	2031-007C 88.88	12	0	202
1	2011-010C 79.72	2021-010C 88.59	2031-010C 97.41	12	0	202
1-1/4	2011-012C 140.02	2021-012C 155.60	2031-012C 171.16	6	0	202
1-1/2	2011-015C 153.05	2021-015C 170.53	2031-015C 187.60	6	0	202
2	2011-020C 177.07	2021-020C 196.71	2031-020C 216.38	6	0	202
2-1/2	2011-025C 659.34	2021-025C 711.49	2031-025C 772.59	1	0	203

### SR Threaded Ends

3	2011-030CSR 885.28	2021-030CSR 983.37	2031-030CSR 1092.65	1	0	203
4	2011-040CSR 1593.47	2021-040CSR 1770.50	2031-040CSR 1967.22	1	0	203

### Socket Ends

1/2	2012-005C 67.26	2022-005C 74.70	2032-005C 82.21	12	0	202
3/4	2012-007C 72.73	2022-007C 80.79	2032-007C 88.88	12	0	202
1	2012-010C 79.72	2022-010C 88.59	2032-010C 97.41	12	0	202
1-1/4	2012-012C 140.02	2022-012C 155.60	2032-012C 171.16	6	0	202
1-1/2	2012-015C 153.05	2022-015C 170.53	2032-015C 187.60	6	0	202
2	2012-020C 177.07	2022-020C 196.71	2032-020C 216.38	6	0	202
2-1/2	2012-025C 659.34	2022-025C 711.49	2032-025C 772.59	1	0	203
3	2012-030C 885.28	2022-030C 983.37	2032-030C 1092.65	1	0	203
4	2012-040C 1593.47	2022-040C 1770.50	2032-040C 1967.22	1	0	203

### Flanged Ends

1/2	2013-005C 301.37	2023-005C 334.81	2033-005C 368.26	4	0	202
3/4	2013-007C 325.82	2023-007C 361.98	2033-007C 398.19	4	0	202
1	2013-010C 357.07	2023-010C 396.82	2033-010C 436.49	4	0	202
1-1/4	2013-012C 482.93	2023-012C 536.82	2033-012C 590.50	3	0	202
1-1/2	2013-015C 527.48	2023-015C 588.37	2033-015C 647.13	3	0	202

### CPVC (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>						
2	2013-020C 610.82	2023-020C 678.67	2033-020C 746.56	2	0	202
2-1/2	2013-025C 798.07	2023-025C 1054.63	2033-025C 1183.10	1	0	203
3	2013-030C 1106.57	2023-030C 1229.53	2033-030C 1366.16	1	0	203
4	2013-040C 1991.84	2023-040C 2213.15	2033-040C 2459.07	1	0	203



## Schedule 80 CPVC Industrial Products & Accessories Plug Gate Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Plug-Style PE Wedge on All Valves  
 Rated for Vacuum Service  
 All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricants

### CPVC Socket Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5212-005C 67.26	5222-005C 74.70	5232-005C 82.21	12	0	202
3/4	5212-007C 72.73	5222-007C 80.79	5232-007C 88.88	12	0	202
1	5212-010C 79.72	5222-010C 88.59	5232-010C 97.41	12	0	202
1-1/4	5212-012C 140.02	5222-012C 155.60	5232-012C 171.16	6	0	202
1-1/2	5212-015C 153.05	5222-015C 170.53	5232-015C 187.60	6	0	202
2	5212-020C 177.07	5222-020C 196.71	5232-020C 216.38	6	0	202

### CPVC SR Threaded Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5211-005CSR 69.86	5221-005CSR 77.31	5231-005CSR 84.81	12	0	202
3/4	5211-007CSR 76.47	5221-007CSR 84.53	5231-007CSR 92.65	12	0	202
1	5211-010CSR 84.90	5221-010CSR 93.74	5231-010CSR 102.61	12	0	202
1-1/4	5211-012CSR 148.30	5221-012CSR 163.88	5231-012CSR 179.47	6	0	202
1-1/2	5211-015CSR 161.36	5221-015CSR 178.80	5231-015CSR 195.87	6	0	202
2	5211-020CSR 192.50	5221-020CSR 212.13	5231-020CSR 231.80	6	0	202

### CPVC Flanged Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5213-005C 301.37	5223-005C 334.81	5233-005C 368.26	4	0	202
3/4	5213-007C 325.82	5223-007C 361.98	5233-007C 398.19	4	0	202
1	5213-010C 357.07	5223-010C 396.82	5233-010C 436.49	4	0	202
1-1/4	5213-012C 482.93	5223-012C 536.82	5233-012C 589.89	3	0	202
1-1/2	5213-015C 527.48	5223-015C 588.37	5233-015C 647.13	3	0	202
2	5213-020C 610.82	5223-020C 678.67	5233-020C 746.56	2	0	202
6	---	5223-060C 2839.04	5233-060C 3699.15	1	0	203



## Schedule 80 CPVC Industrial Products & Accessories Butterfly Valves



Lever Handle Style

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits Section for  
Additional Options and Features



Gear Operator Style

### CPVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Lever Handle

1-1/2	721311-015C <b>356.16</b>	722311-015C <b>356.16</b>	723311-015C <b>720.84</b>	1	0	252
2	721311-020C <b>379.60</b>	722311-020C <b>379.60</b>	723311-020C <b>744.30</b>	1	0	252
2-1/2	721311-025C <b>403.09</b>	722311-025C <b>403.09</b>	723311-025C <b>808.28</b>	1	0	252
3	721311-030C <b>439.33</b>	722311-030C <b>439.33</b>	723311-030C <b>865.84</b>	1	0	252
4	721311-040C <b>507.59</b>	722311-040C <b>507.59</b>	723311-040C <b>1083.37</b>	1	0	252
6	721311-060C <b>750.70</b>	722311-060C <b>750.70</b>	723311-060C <b>1731.73</b>	1	0	252
8	721311-080C <b>1275.31</b>	722311-080C <b>1275.31</b>	723311-080C <b>2930.26</b>	1	0	252

#### Gear Operator

1-1/2	721321-015C <b>885.63</b>	722321-015C <b>885.63</b>	723321-015C <b>1209.41</b>	1	0	252
2	721321-020C <b>915.46</b>	722321-020C <b>915.46</b>	723321-020C <b>1246.83</b>	1	0	252
2-1/2	721321-025C <b>929.86</b>	722321-025C <b>929.86</b>	723321-025C <b>1310.23</b>	1	0	252
3	721321-030C <b>942.62</b>	722321-030C <b>942.62</b>	723321-030C <b>1369.16</b>	1	0	252
4	721321-040C <b>1010.87</b>	722321-040C <b>1010.87</b>	723321-040C <b>1586.69</b>	1	0	252
6	721321-060C <b>1258.26</b>	722321-060C <b>1258.26</b>	723321-060C <b>2235.01</b>	1	0	252
8	721321-080C <b>1778.60</b>	722321-080C <b>1778.60</b>	723321-080C <b>3433.56</b>	1	0	252
10	721321-100C <b>2490.91</b>	722321-100C <b>2490.91</b>	723321-100C <b>6363.76</b>	1	0	252
12	721321-120C <b>3518.83</b>	722321-120C <b>3518.83</b>	723321-120C <b>8272.46</b>	1	0	252

#### Valve Only

1-1/2	721301-015C <b>332.69</b>	722301-015C <b>332.69</b>	723301-015C <b>669.67</b>	1	0	252
2	721301-020C <b>356.16</b>	722301-020C <b>356.16</b>	723301-020C <b>684.56</b>	1	0	252
2-1/2	721301-025C <b>371.07</b>	722301-025C <b>371.07</b>	723301-025C <b>714.44</b>	1	0	252
3	721301-030C <b>400.95</b>	722301-030C <b>400.95</b>	723301-030C <b>780.54</b>	1	0	252
4	721301-040C <b>464.91</b>	722301-040C <b>464.91</b>	723301-040C <b>985.31</b>	1	0	252
6	721301-060C <b>699.49</b>	722301-060C <b>699.49</b>	723301-060C <b>1590.93</b>	1	0	252
8	721301-080C <b>1211.31</b>	722301-080C <b>1211.31</b>	723301-080C <b>2687.17</b>	1	0	252
10	721301-100C <b>2422.68</b>	722301-100C <b>2422.68</b>	723301-100C <b>5387.04</b>	1	0	252
12	721301-120C <b>3147.76</b>	722301-120C <b>3147.76</b>	723301-120C <b>7001.44</b>	1	0	252



## Schedule 80 CPVC Industrial Products & Accessories Lug Insert Butterfly Valves



Spears® Standard Butterfly Valve  
with Lug Inserts Factory Assembled

Note: Lug (Insert) Valves require attention to flow direction for dead-end service. Flange must be installed on side of valve opposite the hex nut recesses for Single-Side installation. See "True Lug Butterfly Valves," where dead-end service is required in either direction.

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply



### CPVC - Zinc-Plated Lug Inserts

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311K-015C 553.01	722311K-015C 553.01	723311K-015C 770.71	1	0	252
2	721311K-020C 569.26	722311K-020C 569.26	723311K-020C 788.29	1	0	252
2-1/2	721311K-025C 577.36	722311K-025C 577.36	723311K-025C 807.23	1	0	252
3	721311K-030C 586.83	722311K-030C 586.83	723311K-030C 828.86	1	0	252
4	721311K-040C 1011.39	722311K-040C 1011.39	723311K-040C 1339.96	1	0	252
6	721311K-060C 1353.48	722311K-060C 1353.48	723311K-060C 1888.94	1	0	252
8	721311K-080C 1669.88	722311K-080C 1669.88	723311K-080C 2755.65	1	0	252

#### Gear Operator

1-1/2	721321K-015C 1089.83	722321K-015C 1089.83	723321K-015C 1350.77	1	0	252
2	721321K-020C 1110.11	722321K-020C 1110.11	723321K-020C 1380.52	1	0	252
2-1/2	721321K-025C 1124.97	722321K-025C 1124.97	723321K-025C 1402.15	1	0	252
3	721321K-030C 1133.10	722321K-030C 1133.10	723321K-030C 1437.31	1	0	252
4	721321K-040C 1684.74	722321K-040C 1684.74	723321K-040C 2074.16	1	0	252
6	721321K-060C 2055.24	722321K-060C 2055.24	723321K-060C 2759.70	1	0	252
8	721321K-080C 2414.90	722321K-080C 2414.90	723321K-080C 3788.67	1	0	252
10	721321K-100C 4244.34	722321K-100C 4244.34	723321K-100C 6806.62	1	0	252
12	721321K-120C 4882.55	722321K-120C 4882.55	723321K-120C 7469.17	1	0	252

#### Valve Only

1-1/2	721301K-015C 528.68	722301K-015C 528.68	723301K-015C 759.89	1	0	252
2	721301K-020C 547.62	722301K-020C 547.62	723301K-020C 777.48	1	0	252
2-1/2	721301K-025C 554.37	722301K-025C 554.37	723301K-025C 795.05	1	0	252
3	721301K-030C 562.48	722301K-030C 562.48	723301K-030C 804.51	1	0	252
4	721301K-040C 964.07	722301K-040C 964.07	723301K-040C 1308.86	1	0	252
6	721301K-060C 1337.26	722301K-060C 1337.26	723301K-060C 1875.40	1	0	252
8	721301K-080C 1636.07	722301K-080C 1636.07	723301K-080C 2944.96	1	0	252
10	721301K-100C 3337.05	722301K-100C 3337.05	723301K-100C 5604.59	1	0	252
12	721301K-120C 3849.51	722301K-120C 3849.51	723301K-120C 7302.86	1	0	252

### CPVC - SS Lug Inserts

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311G-015C 659.83	722311G-015C 659.83	723311G-015C 930.27	1	0	252
2	721311G-020C 667.95	722311G-020C 667.95	723311G-020C 942.43	1	0	252
2-1/2	721311G-025C 677.43	722311G-025C 677.43	723311G-025C 966.78	1	0	252
3	721311G-030C 690.94	722311G-030C 690.94	723311G-030C 976.23	1	0	252
4	721311G-040C 1234.50	722311G-040C 1234.50	723311G-040C 1581.98	1	0	252
6	721311G-060C 1611.73	722311G-060C 1611.73	723311G-060C 2281.04	1	0	252
8	721311G-080C 1997.10	722311G-080C 1997.10	723311G-080C 3268.10	1	0	252

#### Gear Operator

1-1/2	721321G-015C 1310.22	722321G-015C 1310.22	723321G-015C 1623.91	1	0	252
2	721321G-020C 1319.68	722321G-020C 1319.68	723321G-020C 1642.84	1	0	252
2-1/2	721321G-025C 1325.07	722321G-025C 1325.07	723321G-025C 1660.41	1	0	252
3	721321G-030C 1348.07	722321G-030C 1348.07	723321G-030C 1749.66	1	0	252
4	721321G-040C 1941.67	722321G-040C 1941.67	723321G-040C 2436.53	1	0	252
6	721321G-060C 1587.40	722321G-060C 2398.69	723321G-060C 3251.88	1	0	252
8	721321G-080C 2773.22	722321G-080C 2773.22	723321G-080C 4384.97	1	0	252
10	721321G-100C 5005.60	722321G-100C 5005.60	723321G-100C 8104.67	1	0	252
12	721321G-120C 5784.41	722321G-120C 5784.41	723321G-120C 9976.02	1	0	252

#### Valve Only

1-1/2	721301G-015C 624.68	722301G-015C 624.68	723301G-015C 908.64	1	0	252
2	721301G-020C 642.26	722301G-020C 642.26	723301G-020C 916.73	1	0	252
2-1/2	721301G-025C 649.03	722301G-025C 649.03	723301G-025C 945.14	1	0	252
3	721301G-030C 662.54	722301G-030C 662.54	723301G-030C 954.61	1	0	252
4	721301G-040C 1199.33	722301G-040C 1199.33	723301G-040C 1538.72	1	0	252
6	721301G-060C 1564.41	722301G-060C 1564.41	723301G-060C 2199.90	1	0	252
8	721301G-080C 1945.71	722301G-080C 1945.71	723301G-080C 3238.35	1	0	252
10	721301G-100C 3946.87	722301G-100C 3946.87	723301G-100C 6233.33	1	0	252
12	721301G-120C 4537.76	722301G-120C 4537.76	723301G-120C 7673.35	1	0	252

**Schedule 80 CPVC Industrial Products & Accessories  
True Lug Butterfly Valves**



Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits  
Section for Additional Options and Features

**CPVC - Zinc-Plated Lugs**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Lever Handle**

1-1/2	721311Z-015C 789.90	722311Z-015C 789.90	723311Z-015C 1102.56	1	0	252
2	721311Z-020C 812.47	722311Z-020C 812.47	723311Z-020C 1126.82	1	0	252
2-1/2	721311Z-025C 822.35	722311Z-025C 822.35	723311Z-025C 1155.10	1	0	252
3	721311Z-030C 839.64	722311Z-030C 839.64	723311Z-030C 1184.39	1	0	252
4	721311Z-040C 1445.18	722311Z-040C 1445.18	723311Z-040C 1914.13	1	0	252
6	721311Z-060C 1934.01	722311Z-060C 1934.01	723311Z-060C 2700.32	1	0	252
8	721311Z-080C 2387.26	722311Z-080C 2387.26	723311Z-080C 3938.51	1	0	252

**Gear Operator**

1-1/2	721321Z-015C 1283.59	722321Z-015C 1283.59	723321Z-015C 1591.30	1	0	252
2	721321Z-020C 1306.96	722321Z-020C 1306.96	723321Z-020C 1623.44	1	0	252
2-1/2	721321Z-025C 1322.89	722321Z-025C 1322.89	723321Z-025C 1650.24	1	0	252
3	721321Z-030C 1331.91	722321Z-030C 1331.91	723321Z-030C 1691.61	1	0	252
4	721321Z-040C 1982.98	722321Z-040C 1982.98	723321Z-040C 2441.81	1	0	252
6	721321Z-060C 2420.14	722321Z-060C 2420.14	723321Z-060C 3247.93	1	0	252
8	721321Z-080C 2843.30	722321Z-080C 2843.30	723321Z-080C 4458.44	1	0	252
10	721321Z-100C 4921.14	722321Z-100C 4921.14	723321Z-100C 8009.65	1	0	252
12	721321Z-120C 5745.40	722321Z-120C 5745.40	723321Z-120C 8788.24	1	0	252

**Valve Only**

1-1/2	721301Z-015C 756.98	722301Z-015C 756.98	723301Z-015C 1086.12	1	0	252
2	721301Z-020C 783.04	722301Z-020C 783.04	723301Z-020C 1112.17	1	0	252
2-1/2	721301Z-025C 791.38	722301Z-025C 791.38	723301Z-025C 1137.83	1	0	252
3	721301Z-030C 801.96	722301Z-030C 801.96	723301Z-030C 1150.52	1	0	252
4	721301Z-040C 1376.21	722301Z-040C 1376.21	723301Z-040C 1872.04	1	0	252
6	721301Z-060C 1912.10	722301Z-060C 1912.10	723301Z-060C 2680.28	1	0	252
8	721301Z-080C 2338.90	722301Z-080C 2338.90	723301Z-080C 3848.19	1	0	252
10	721301Z-100C 4769.84	722301Z-100C 4769.84	723301Z-100C 7648.03	1	0	252
12	721301Z-120C 5499.94	722301Z-120C 5499.94	723301Z-120C 8279.01	1	0	252

**CPVC - Stainless Steel Lugs**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Lever Handle**

1-1/2	721311L-015C 943.90	722311L-015C 943.90	723311L-015C 1330.81	1	0	252
2	721311L-020C 954.78	722311L-020C 954.78	723311L-020C 1347.97	1	0	252
2-1/2	721311L-025C 969.13	722311L-025C 969.13	723311L-025C 1380.90	1	0	252
3	721311L-030C 986.98	722311L-030C 986.98	723311L-030C 1395.70	1	0	252
4	721311L-040C 1764.89	722311L-040C 1764.89	723311L-040C 2261.61	1	0	252
6	721311L-060C 2305.35	722311L-060C 2305.35	723311L-060C 3259.19	1	0	252
8	721311L-080C 2855.17	722311L-080C 2855.17	723311L-080C 4670.06	1	0	252

**Gear Operator**

1-1/2	721321L-015C 1543.27	722321L-015C 1543.27	723321L-015C 1912.21	1	0	252
2	721321L-020C 1554.44	722321L-020C 1554.44	723321L-020C 1934.59	1	0	252
2-1/2	721321L-025C 1561.33	722321L-025C 1561.33	723321L-025C 1953.91	1	0	252
3	721321L-030C 1587.33	722321L-030C 1587.33	723321L-030C 2060.35	1	0	252
4	721321L-040C 2286.10	722321L-040C 2286.10	723321L-040C 2867.37	1	0	252
6	721321L-060C 2824.56	722321L-060C 2824.56	723321L-060C 3827.07	1	0	252
8	721321L-080C 3264.82	722321L-080C 3264.82	723321L-080C 5161.01	1	0	252
10	721321L-100C 5890.03	722321L-100C 5890.03	723321L-100C 9536.36	1	0	252
12	721321L-120C 6809.32	722321L-120C 6809.32	723321L-120C 11737.96	1	0	252

**Valve Only**

1-1/2	721301L-015C 892.91	722301L-015C 892.91	723301L-015C 1300.03	1	0	252
2	721301L-020C 918.38	722301L-020C 918.38	723301L-020C 1309.98	1	0	252
2-1/2	721301L-025C 928.02	722301L-025C 928.02	723301L-025C 1351.49	1	0	252
3	721301L-030C 946.91	722301L-030C 946.91	723301L-030C 1364.20	1	0	252
4	721301L-040C 1713.94	722301L-040C 1713.94	723301L-040C 2200.35	1	0	252
6	721301L-060C 2235.96	722301L-060C 2235.96	723301L-060C 3144.46	1	0	252
8	721301L-080C 2780.81	722301L-080C 2780.81	723301L-080C 4448.03	1	0	252
10	721301L-100C 5640.38	722301L-100C 5640.38	723301L-100C 8905.26	1	0	252
12	721301L-120C 6484.05	722301L-120C 6484.05	723301L-120C 10963.79	1	0	252



**Schedule 80 CPVC Industrial Products & Accessories  
Large Diameter Butterfly Valves & Wafer Butterfly Valves**

**Large Diameter Butterfly Valves**



Maximum Service Temperature  
CPVC = 200°F (93°C)  
PP = 180°F (82°C)  
Temperature/Pressure De-ratings Apply  
Contact Spears® for Custom Produced Valve Sizes 30" to 60"

**Pressure Rating @ 73°F (23°C), Water**

Size	Psi
14	100
16	85
18	70
20	50
24	50



**CPVC - Gear Operator**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>14</b>	722321-140C <b>7881.51</b>	723321-140C <b>19152.79</b>	1	0	253

**Polypropylene - Gear Operator (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>18</b>	722321-180P <b>26039.51</b>	723321-180P <b>29834.86</b>	1	0	257
<b>20</b>	722321-200P <b>29215.80</b>	723321-200P <b>35512.53</b>	1	0	257
<b>24</b>	722321-240P <b>33092.72</b>	723321-240P <b>47739.89</b>	1	0	257

**Polypropylene - Gear Operator**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	722321-160P <b>23639.20</b>	723321-160P <b>25605.47</b>	1	0	257

**Wafer Butterfly Valves**



Lever Handle

Pressure Rating @ 73°F (23°C), Water  
150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply

Wafer Butterfly Valve laying lengths will directly replace common Cast Iron valves  
(matches Keystone Model 228 and Bray Series 30 Butterfly Valves).



Gear Operator

**IMPORTANT NOTE**

All PVC and CPVC valves have built-in Santoprene™ Thermoplastic Elastomer (TPE) Flange Gaskets for use with choice of Buna-N, EPDM, or Viton® Seats on PVC valves and choice of EPDM or Viton® Seats on CPVC valves.

**CPVC**

Size	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
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**Lever Handle**

<b>2</b>	752311-020C <b>379.60</b>	753311-020C <b>744.30</b>	1	0	252
<b>2-1/2</b>	752311-025C <b>403.09</b>	753311-025C <b>808.28</b>	1	0	252
<b>3</b>	752311-030C <b>439.33</b>	753311-030C <b>865.84</b>	1	0	252
<b>4</b>	752311-040C <b>507.59</b>	753311-040C <b>1083.37</b>	1	0	252
<b>6</b>	752311-060C <b>750.70</b>	753311-060C <b>1731.73</b>	1	0	252
<b>8</b>	752311-080C <b>1275.31</b>	753311-080C <b>2930.26</b>	1	0	252

**Gear Operator**

<b>2</b>	752321-020C <b>915.46</b>	753321-020C <b>1246.83</b>	1	0	252
<b>2-1/2</b>	752321-025C <b>929.20</b>	753321-025C <b>1310.23</b>	1	0	252
<b>3</b>	752321-030C <b>942.62</b>	753321-030C <b>1369.16</b>	1	0	252
<b>4</b>	752321-040C <b>1010.87</b>	753321-040C <b>1586.69</b>	1	0	252
<b>6</b>	752321-060C <b>1258.26</b>	753321-060C <b>2235.01</b>	1	0	252

**CPVC (continued)**

Size	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
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**Gear Operator**

<b>8</b>	752321-080C <b>1778.60</b>	753321-080C <b>3433.56</b>	1	0	252
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**Valve Only**

<b>2</b>	752301-020C <b>356.16</b>	753301-020C <b>684.56</b>	1	0	252
<b>2-1/2</b>	752301-025C <b>371.07</b>	753301-025C <b>714.44</b>	1	0	252
<b>3</b>	752301-030C <b>400.95</b>	753301-030C <b>780.54</b>	1	0	252
<b>4</b>	752301-040C <b>464.91</b>	753301-040C <b>985.31</b>	1	0	252
<b>6</b>	752301-060C <b>699.49</b>	753301-060C <b>1590.93</b>	1	0	252
<b>8</b>	752301-080C <b>1211.31</b>	753301-080C <b>2687.17</b>	1	0	252

**Schedule 80 CPVC Industrial Products & Accessories  
Globe Valves & Needle Valves**



**Globe Valves**



Pressure Rating @ 73°F (23°C), Water  
2-1/2" - 6" 150 psi  
Maximum Service Temperature  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant  
Suitable for Vacuum Service

Internal Repair Kit includes 1-Bonnet O-ring along with a factory assembled (required) internal component replacement unit consisting of Bonnet assembled with Stem/O-rings, Seat & Seal Carrier components. Install in valve using existing valve Bolts/Nuts/Washers, and Handle/Nut.

**CPVC Flanged Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	6023-025C <b>927.20</b>	6033-025C <b>973.79</b>	1	0	622
<b>3</b>	6023-030C <b>973.34</b>	6033-030C <b>1082.02</b>	1	0	622
<b>4</b>	6023-040C <b>1264.14</b>	6033-040C <b>1389.64</b>	1	0	622
<b>6</b>	6023-060C <b>1968.31</b>	6033-060C <b>1984.96</b>	1	0	622

**CPVC Internal Repair Kits**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	GL-ERK-025C <b>654.71</b>	GL-VRK-025C <b>727.47</b>	1	0	299
<b>3</b>	GL-ERK-030C <b>748.96</b>	GL-VRK-030C <b>822.46</b>	1	0	299
<b>4</b>	GL-ERK-040C <b>849.24</b>	GL-VRK-040C <b>934.62</b>	1	0	299
<b>6</b>	GL-ERK-060C <b>1212.97</b>	GL-VRK-060C <b>1334.74</b>	1	0	299

**Needle Valves**



Pressure Rating @ 73°F (23°C), Water  
CPVC 235 psi  
Maximum Service Temperature  
CPVC = 200°F (82°C)  
Solid PTFE Stem Seals  
No Elastomer or Lubricants used  
Valves include Panel Mounting Nut

**CPVC Needle Valve**

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
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**Globe Pattern**

<b>1/4</b>	5591-002C <b>79.74</b>	5592-002C <b>79.74</b>	---	1	18	219
<b>3/8</b>	5591-003C <b>79.74</b>	5592-003C <b>79.74</b>	---	1	18	219
<b>1/2</b>	5591-005C <b>84.33</b>	5592-005C <b>84.33</b>	5591-005CSR <b>86.49</b>	1	18	219

**Angle Pattern**

<b>1/4</b>	5691-002C <b>79.74</b>	5692-002C <b>79.74</b>	---	1	18	219
<b>3/8</b>	5691-003C <b>79.74</b>	5692-003C <b>79.74</b>	---	1	18	219
<b>1/2</b>	5691-005C <b>84.33</b>	5692-005C <b>84.33</b>	5691-005CSR <b>86.49</b>	1	18	219



## Schedule 80 CPVC Industrial Products & Accessories Diaphragm Valves



Socket/Threaded Style



Flanged Style



Spigot Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 1/2" - 4" Flanged  
 & Valves w/PTFE  
 Diaphragms 150 psi  
 6" 100 psi  
 8" 75 psi

Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 No Lubricants in Media Contact Area  
 See Diaphragm Valve Repair Kits Section  
 for Additional Options and Features

Contact Spears® for Pricing on  
 Additional Specialty Diaphragms

- Hypalon®
- Hypalon® backed PTFE
- PTFE Encapsulated O-rings  
 (for True Union Style Valves)

### CPVC - Socket Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2729-005C 232.39	2739-005C 297.83	2729T-005C 334.05	2739T-005C 359.62	2739VT-005C 397.76	1	12	272
3/4	2729-007C 258.64	2739-007C 317.54	2729T-007C 368.93	2739T-007C 385.63	2739VT-007C 426.53	1	8	272
1	2729-010C 298.51	2739-010C 386.12	2729T-010C 448.55	2739T-010C 467.90	2739VT-010C 513.88	1	8	272
1-1/4	2729-012C 448.36	2739-012C 533.47	2729T-012C 619.02	2739T-012C 640.91	2739VT-012C 697.17	1	4	272
1-1/2	2729-015C 461.63	2739-015C 540.04	2729T-015C 628.63	2739T-015C 664.96	2739VT-015C 718.56	1	4	272
2	2729-020C 491.70	2739-020C 616.34	2729T-020C 691.28	2739T-020C 766.02	2739VT-020C 847.27	1	0	272

### CPVC - SR Threaded Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2721-005CSR 232.39	2731-005CSR 297.83	2721T-005CSR 334.05	2731T-005CSR 359.62	2731VT-005CSR 397.76	1	12	272
3/4	2721-007CSR 258.64	2731-007CSR 317.54	2721T-007CSR 368.93	2731T-007CSR 385.63	2731VT-007CSR 426.53	1	8	272
1	2721-010CSR 298.51	2731-010CSR 386.12	2721T-010CSR 448.55	2731T-010CSR 467.90	2731VT-010CSR 513.88	1	8	272
1-1/4	2721-012CSR 448.36	2731-012CSR 533.47	2721T-012CSR 619.02	2731T-012CSR 640.91	2731VT-012CSR 697.17	1	4	272
1-1/2	2721-015CSR 461.63	2731-015CSR 540.04	2721T-015CSR 628.63	2731T-015CSR 664.96	2731VT-015CSR 718.56	1	4	272
2	2721-020CSR 491.70	2731-020CSR 616.34	2721T-020CSR 691.28	2731T-020CSR 766.02	2731VT-020CSR 847.27	1	0	272

### CPVC - Spigot Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2727-005C 226.54	2737-005C 288.47	2797T-005C 324.63	2797VT-005C 362.63	1	12	272
3/4	2727-007C 251.47	2737-007C 307.69	2797T-007C 357.78	2797VT-007C 395.79	1	8	272
1	2727-010C 292.12	2737-010C 375.32	2797T-010C 437.19	2797VT-010C 481.81	1	8	272
1-1/4	2727-012C 437.04	2737-012C 518.85	2797T-012C 602.41	2797VT-012C 667.43	1	4	272
1-1/2	2727-015C 446.77	2737-015C 524.27	2797T-015C 612.82	2797VT-015C 678.18	1	4	272
2	2727-020C 479.30	2737-020C 600.52	2797T-020C 673.69	2797VT-020C 744.67	1	0	272

### CPVC - Flanged Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
1/2	2723-005C 280.98	2733-005C 310.30	2793T-005C 405.03	2793VT-005C 449.23	4	0	272
3/4	2723-007C 314.17	2733-007C 347.01	2793T-007C 433.04	2793VT-007C 479.03	4	0	272
1	2723-010C 386.86	2733-010C 432.62	2793T-010C 532.13	2793VT-010C 590.23	4	0	272
1-1/4	2723-012C 494.27	2733-012C 566.24	2793T-012C 671.71	2793VT-012C 742.51	1	4	272
1-1/2	2723-015C 500.83	2733-015C 580.17	2793T-015C 802.37	2793VT-015C 883.81	1	4	272



**Schedule 80 CPVC Industrial Products & Accessories  
Diaphragm Valves**



**CPVC - Flanged Ends (continued)**

<b>Size</b>	<b>EPDM Diaphragm</b>	<b>Viton® Diaphragm</b>	<b>EPDM Backed PTFE Diaphragm</b>	<b>Viton® Backed PTFE Diaphragm</b>	<b>Std Pk</b>	<b>Mstr Pk</b>	<b>Disc Code</b>
<b>2</b>	2723-020C <b>560.91</b>	2733-020C <b>629.06</b>	2793T-020C <b>891.54</b>	2793VT-020C <b>990.14</b>	1	0	272
<b>2-1/2</b>	2723-025C <b>1018.93</b>	2733-025C <b>1137.95</b>	2793T-025C <b>1759.59</b>	2793VT-025C <b>2081.02</b>	1	0	273
<b>3</b>	2723-030C <b>1537.84</b>	2733-030C <b>1708.70</b>	2793T-030C <b>2314.74</b>	2793VT-030C <b>2559.87</b>	1	0	273
<b>4</b>	2723-040C <b>2111.91</b>	2733-040C <b>2346.07</b>	2793T-040C <b>3076.83</b>	2793VT-040C <b>3282.69</b>	1	0	273
<b>6</b>	2723-060C <b>3865.85</b>	2733-060C <b>5543.20</b>	2793T-060C <b>6765.99</b>	2793VT-060C <b>8816.48</b>	1	0	273
<b>8</b>	2723-080C <b>7727.12</b>	2733-080C <b>9978.37</b>	2793T-080C <b>10090.10</b>	2793VT-080C <b>11210.35</b>	1	0	273



## Schedule 80 CPVC Industrial Products & Accessories Y-Pattern Valves



Socket Style



True Union Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2"      150 psi  
 3" - 4"      90 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply

### CPVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1722-005C 111.71	1732-005C 117.85	1	12	622
	1722-007C 131.62	1732-007C 140.80			
3/4	1722-010C 157.63	1732-010C 168.36	1	8	622
	1722-012C 194.36	1732-012C 206.61			
1	1722-015C 257.12	1732-015C 272.40	1	0	622
	1722-020C 364.23	1732-020C 388.72			
1-1/4	1722-030C 780.52	1732-030C 847.86	1	0	622
	1722-040C 1323.81	1732-040C 1441.65			

### CPVC - True Union Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172A-005C 131.62	173A-005C 139.27	1	8	622
	172A-007C 154.57	173A-007C 165.28			
3/4	172A-010C 185.18	173A-010C 197.41	1	4	622
	172A-012C 228.03	173A-012C 243.34			
1	172A-015C 303.03	173A-015C 319.86	2	0	622
	172A-020C 428.52	173A-020C 457.60			
2	172A-030C 918.27	173A-030C 997.85	1	0	622
	172A-040C 1556.45	173A-040C 1695.72			

### CPVC - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1721-005CSR 114.78	1731-005CSR 122.45	1	8	622
	1721-007CSR 136.21	1731-007CSR 145.39			
3/4	1721-010CSR 165.28	1731-010CSR 168.36	1	8	622
	1721-012CSR 202.02	1731-012CSR 217.33			
1	1721-015CSR 277.00	1731-015CSR 292.32	1	0	622
	1721-020CSR 387.19	1731-020CSR 408.64			
1-1/4	1721-030CSR 837.14	1731-030CSR 906.00	1	0	622
	1721-040CSR 1319.22	1731-040CSR 1501.36			

### CPVC - True Union Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172B-005C 131.62	173B-005C 139.27	1	8	622
	172B-007C 154.57	173B-007C 165.28			
3/4	172B-010C 185.18	173B-010C 197.41	1	4	622
	172B-012C 228.03	173B-012C 243.34			
1	172B-015C 303.03	173B-015C 319.86	2	0	622
	172B-020C 428.52	173B-020C 457.60			
2	172B-030C 918.27	173B-030C 997.85	1	0	622
	172B-040C 1556.45	173B-040C 1695.72			

### CPVC - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1723-005C 183.65	1733-005C 189.77	1	8	622
	1723-007C 209.67	1733-007C 218.84			
3/4	1723-010C 254.04	1733-010C 264.76	1	4	622
	1723-012C 304.55	1733-012C 315.28			
1	1723-015C 411.69	1733-015C 426.99	1	0	622
	1723-020C 524.94	1733-020C 549.43			
1-1/4	1723-030C 1010.09	1733-030C 1078.95	1	0	622
	1723-040C 1639.07	1733-040C 1743.16			

### CPVC - True Union SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172B-005CSR 134.68	173B-005CSR 143.86	1	8	622
	172B-007CSR 160.68	173B-007CSR 171.41			
3/4	172B-010CSR 194.36	173B-010CSR 197.41	1	4	622
	172B-012CSR 237.22	173B-012CSR 255.57			
1	172B-015CSR 325.97	173B-015CSR 344.35	1	0	622
	172B-020CSR 456.06	173B-020CSR 480.54			
2	172B-030CSR 984.06	173B-030CSR 1065.19	1	0	622
	172B-040CSR 1551.85	173B-040CSR 1766.11			

**Schedule 80 CPVC Industrial Products & Accessories  
In-line Tee-Style Filters**



Socket/Spigot

All Filters are 2-1/2"x 2-1/2"  
Inlet/Outlet Connection

Note: 2-1/2" Socket is also a 3" Spigot

Pressure Rating @ 73°F (23°C), Water  
200 psi

**Mesh Size Codes**

Mesh Size	Size Code
1/16" Holes	16
1/32" Holes	32
50 Mesh	50
76 Mesh	76
100 Mesh	100
150 Mesh	150
200 Mesh	200

Note: Standard flow filtration path is internal to external. Reverse-flow filtration flows from external to internal side of filter screen.

**100 GPM CPVC Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	TF2-16C 887.64	TF3-16C 953.60	1	0	296
<b>32</b>	TF2-32C 907.54	TF3-32C 975.19	1	0	296
<b>50</b>	TF2-50C 1028.76	TF3-50C 1104.96	1	0	296
<b>76</b>	TF2-76C 1242.39	TF3-76C 1335.00	1	0	296
<b>100</b>	TF2-100C 1129.29	TF3-100C 1213.32	1	0	296
<b>150</b>	TF2-150C 1169.69	TF3-150C 1256.78	1	0	296
<b>200</b>	TF2-200C 1270.72	TF3-200C 1365.13	1	0	296

**Stainless Steel Screen**

<b>16</b>	TF2-16C 887.64	TF3-16C 953.60	1	0	296
<b>32</b>	TF2-32C 907.54	TF3-32C 975.19	1	0	296
<b>50</b>	TF2-50C 1028.76	TF3-50C 1104.96	1	0	296
<b>76</b>	TF2-76C 1242.39	TF3-76C 1335.00	1	0	296
<b>100</b>	TF2-100C 1129.29	TF3-100C 1213.32	1	0	296
<b>150</b>	TF2-150C 1169.69	TF3-150C 1256.78	1	0	296
<b>200</b>	TF2-200C 1270.72	TF3-200C 1365.13	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**50 GPM CPVC Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	MTF2-16C 746.23	MTF3-16C 801.63	1	0	296
<b>32</b>	MTF2-32C 758.33	MTF3-32C 814.80	1	0	296
<b>50</b>	MTF2-50C 782.50	MTF3-50C 840.67	1	0	296
<b>76</b>	MTF2-76C 947.80	MTF3-76C 1018.34	1	0	296
<b>100</b>	MTF2-100C 826.73	MTF3-100C 888.11	1	0	296
<b>150</b>	MTF2-150C 867.28	MTF3-150C 930.65	1	0	296
<b>200</b>	MTF2-200C 968.01	MTF3-200C 1040.07	1	0	296

**Stainless Steel Screen**

<b>16</b>	MTF2-16C 746.23	MTF3-16C 801.63	1	0	296
<b>32</b>	MTF2-32C 758.33	MTF3-32C 814.80	1	0	296
<b>50</b>	MTF2-50C 782.50	MTF3-50C 840.67	1	0	296
<b>76</b>	MTF2-76C 947.80	MTF3-76C 1018.34	1	0	296
<b>100</b>	MTF2-100C 826.73	MTF3-100C 888.11	1	0	296
<b>150</b>	MTF2-150C 867.28	MTF3-150C 930.65	1	0	296
<b>200</b>	MTF2-200C 968.01	MTF3-200C 1040.07	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**100 GPM CPVC Reverse Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	TF2-16C 887.64	TF3-16C 953.60	1	0	296
<b>32</b>	TF2-32C 907.54	TF3-32C 975.19	1	0	296
<b>50</b>	TFR2-50C 1028.76	TFR3-50C 1104.96	1	0	296
<b>76</b>	TFR2-76C 1242.39	TFR3-76C 1335.00	1	0	296
<b>100</b>	TFR2-100C 1129.29	TFR3-100C 1213.32	1	0	296
<b>150</b>	TFR2-150C 1169.69	TFR3-150C 1256.78	1	0	296
<b>200</b>	TFR2-200C 1270.72	TFR3-200C 1365.13	1	0	296

**Stainless Steel Screen**

<b>16</b>	TF2-16C 887.64	TF3-16C 953.60	1	0	296
<b>32</b>	TF2-32C 907.54	TF3-32C 975.19	1	0	296
<b>50</b>	TFR2-50C 1028.76	TFR3-50C 1104.96	1	0	296
<b>76</b>	TFR2-76C 1242.39	TFR3-76C 1335.00	1	0	296
<b>100</b>	TFR2-100C 1129.29	TFR3-100C 1213.32	1	0	296
<b>150</b>	TFR2-150C 1169.69	TFR3-150C 1256.78	1	0	296
<b>200</b>	TFR2-200C 1270.72	TFR3-200C 1365.13	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

Made in the U.S.A.

**50 GPM CPVC Reverse Tee Filter**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	MTF2-16C 746.23	MTF3-16C 801.63	1	0	296
<b>32</b>	MTF2-32C 758.33	MTF3-32C 814.80	1	0	296
<b>50</b>	MTFR2-50C 782.50	MTFR3-50C 840.67	1	0	296
<b>76</b>	MTFR2-76C 947.80	MTFR3-76C 1018.34	1	0	296
<b>100</b>	MTFR2-100C 826.73	MTFR3-100C 888.11	1	0	296
<b>150</b>	MTFR2-150C 867.28	MTFR3-150C 930.65	1	0	296
<b>200</b>	MTFR2-200C 968.01	MTFR3-200C 1040.07	1	0	296

**Stainless Steel Screen**

<b>16</b>	MTF2-16C 746.23	MTF3-16C 801.63	1	0	296
<b>32</b>	MTF2-32C 758.33	MTF3-32C 814.80	1	0	296
<b>50</b>	MTFR2-50C 782.50	MTFR3-50C 840.67	1	0	296
<b>76</b>	MTFR2-76C 947.80	MTFR3-76C 1018.34	1	0	296
<b>100</b>	MTFR2-100C 826.73	MTFR3-100C 888.11	1	0	296
<b>150</b>	MTFR2-150C 867.28	MTFR3-150C 930.65	1	0	296
<b>200</b>	MTFR2-200C 968.01	MTFR3-200C 1040.07	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

**100 GPM Filter Replacement Screens for TF Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
FL-32-1	<b>1/32" Holes</b>	3	0	020	230.11
FL-50-1	<b>50 Mesh</b>	3	0	020	455.45
FL-76-1	<b>76 Mesh</b>	3	0	020	450.65
FL-100-1	<b>100 Mesh</b>	3	0	020	354.78
FL-150-1	<b>150 Mesh</b>	3	0	020	383.52
FL-200-1	<b>200 Mesh</b>	3	0	020	474.62

NOTE: When ordering replacement screens for TF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**50 GPM Filter Replacement Screens for MTF Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
MFL-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFL-50-1	<b>50 Mesh</b>	3	0	020	239.71
MFL-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFL-100-1	<b>100 Mesh</b>	3	0	020	263.69
MFL-150-1	<b>150 Mesh</b>	3	0	020	292.46
MFL-200-1	<b>200 Mesh</b>	3	0	020	359.54

NOTE: When ordering replacement screens for MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

**100 GPM Reverse Flow Filter Replacement Screens for TFR Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
FL-32-1	<b>1/32" Holes</b>	3	0	020	230.11
FLR-50-1	<b>50 Mesh</b>	3	0	020	231.22
FLR-76-1	<b>76 Mesh</b>	3	0	020	450.65
FLR-100-1	<b>100 Mesh</b>	3	0	020	320.17
FLR-150-1	<b>150 Mesh</b>	3	0	020	364.34



Schedule 80 CPVC Industrial Products & Accessories  
In-line Tee-Style Filters

**100 GPM Reverse Flow Filter Replacement Screens for  
TFR Filters (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FLR-200-1	<b>200 Mesh</b>	3	0	020	450.89

**50 GPM Reverse Flow Filter Replacement Screens for  
MTFR Filters**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
MFL-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFLR-50-1	<b>50 Mesh</b>	3	0	020	243.40
MFLR-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFLR-100-1	<b>100 Mesh</b>	3	0	020	250.49
MFLR-150-1	<b>150 Mesh</b>	3	0	020	277.82
MFLR-200-1	<b>200 Mesh</b>	3	0	020	341.55

Schedule 80 CPVC Industrial Products & Accessories  
**Y-Strainers**



Socket



Flanged



SR Thread



True Union

Part numbers shown reflect a mesh size of 8. For different mesh sizes, substitute Mesh Code in part number as specified in chart below.

U.S. Standard Mesh Sieve No.	Sieve Opening Size (in.)	Part Number Mesh Code
8	0.094	8
12	0.062	12
20	0.033	20
30	0.024	30

Example: for 8 Mesh, specify

YS22C8-005C

Additional Mesh Sizes available on request.

**Pressure Rating @ 73°F (23°C), Water**

1/2" - 2" 150 psi

3" - 4" 90 psi

**Maximum Service Temperature**

CPVC = 200°F (93°C)

**Temperature/Pressure  
 De-ratings Apply**



**Schedule 80 CPVC Industrial Products & Accessories  
Y-Strainers & True Union Y-Strainers**

**CPVC - Socket Ends**

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS22C8-005C 220.59	YS22S8-005C 303.17	YS32C8-005C 247.02	YS32S8-005C 340.78	1	18	104
3/4	YS22C8-007C 242.37	YS22S8-007C 344.78	YS32C8-007C 272.87	YS32S8-007C 387.53	1	18	104
1	YS22C8-010C 307.98	YS22S8-010C 426.45	YS32C8-010C 346.91	YS32S8-010C 478.56	1	12	104
1-1/4	YS22C8-012C 447.09	YS22S8-012C 615.30	YS32C8-012C 538.04	YS32S8-012C 651.54	1	8	104
1-1/2	YS22C8-015C 480.24	YS22S8-015C 635.59	YS32C8-015C 558.20	YS32S8-015C 710.62	1	8	104
2	YS22C8-020C 679.96	YS22S8-020C 796.78	YS32C8-020C 718.49	YS32S8-020C 869.04	1	4	104
3	YS22C8-030C 811.12	YS22S8-030C 970.28	YS32C8-030C 855.51	YS32S8-030C 1043.76	1	0	104
4	YS22C8-040C 1404.94	YS22S8-040C 1606.94	YS32C8-040C 1510.53	YS32S8-040C 1727.84	1	0	104

**CPVC - SR Threaded Ends**

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS21C8-005CSR 228.62	YS21S8-005CSR 311.20	YS31C8-005CSR 255.06	YS31S8-005CSR 348.82	1	18	104
3/4	YS21C8-007CSR 250.97	YS21S8-007CSR 353.36	YS31C8-007CSR 281.46	YS31S8-007CSR 396.13	1	12	104
1	YS21C8-010CSR 327.67	YS21S8-010CSR 446.11	YS31C8-010CSR 366.61	YS31S8-010CSR 498.21	1	8	104
1-1/4	YS21C8-012CSR 467.31	YS21S8-012CSR 600.88	YS31C8-012CSR 558.27	YS31S8-012CSR 671.79	1	8	104
1-1/2	YS21C8-015CSR 503.66	YS21S8-015CSR 659.00	YS31C8-015CSR 634.34	YS31S8-015CSR 734.02	1	4	104
2	YS21C8-020CSR 713.31	YS21S8-020CSR 830.13	YS31C8-020CSR 799.53	YS31S8-020CSR 902.36	1	0	104
3	YS21C8-030CSR 852.44	YS21S8-030CSR 1011.61	YS31C8-030CSR 912.14	YS31S8-030CSR 1085.07	1	0	104
4	YS21C8-040CSR 1447.78	YS21S8-040CSR 1649.81	YS31C8-040CSR 1553.38	YS31S8-040CSR 1770.71	1	0	104

**CPVC - Flanged Ends**

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS23C8-005C 355.72	YS23S8-005C 436.73	YS33C8-005C 394.83	YS33S8-005C 487.23	1	8	104
3/4	YS23C8-007C 377.84	YS23S8-007C 464.59	YS33C8-007C 409.73	YS33S8-007C 518.49	1	8	104
1	YS23C8-010C 403.47	YS23S8-010C 516.20	YS33C8-010C 439.53	YS33S8-010C 575.49	1	8	104
1-1/4	YS23C8-012C 646.77	YS23S8-012C 796.18	YS33C8-012C 705.09	YS33S8-012C 886.56	1	4	104
1-1/2	YS23C8-015C 720.76	YS23S8-015C 884.65	YS33C8-015C 800.28	YS33S8-015C 986.94	1	4	104
2	YS23C8-020C 906.18	YS23S8-020C 1106.13	YS33C8-020C 994.34	YS33S8-020C 1157.39	1	0	104
3	YS23C8-030C 1238.11	YS23S8-030C 1398.82	YS33C8-030C 1235.05	YS33S8-030C 1504.41	1	0	104
4	YS23C8-040C 1981.90	YS23S8-040C 2183.91	YS33C8-040C 2131.87	YS33S8-040C 2349.21	1	0	104

**CPVC - True Union Socket Ends**

Size	EPDM CPVC Screen	EPDM SS Screen	Viton® CPVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS2AC8-005C 232.21	YS2AS8-005C 319.13	YS3AC8-005C 260.05	YS3AS8-005C 358.71	1	12	104
3/4	YS2AC8-007C 255.13	YS2AS8-007C 362.93	YS3AC8-007C 287.23	YS3AS8-007C 407.93	1	8	104
1	YS2AC8-010C 324.19	YS2AS8-010C 448.91	YS3AC8-010C 365.18	YS3AS8-010C 503.73	1	8	104
1-1/4	YS2AC8-012C 470.62	YS2AS8-012C 647.68	YS3AC8-012C 566.34	YS3AS8-012C 686.81	1	4	104
1-1/2	YS2AC8-015C 505.52	YS2AS8-015C 669.03	YS3AC8-015C 587.61	YS3AS8-015C 748.01	1	0	104
2	YS2AC8-020C 715.74	YS2AS8-020C 838.71	YS3AC8-020C 756.31	YS3AS8-020C 914.78	1	0	104
3	YS2AC8-030C 853.80	YS2AS8-030C 1021.37	YS3AC8-030C 916.66	YS3AS8-030C 1098.68	1	0	104



**Schedule 80 CPVC Industrial Products & Accessories  
True Union Y-Strainers**



**CPVC - True Union Socket Ends (continued)**

Size	EPDM CPVC Screen	EPDM SS Screen	Viton® CPVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>4</b>	YS2AC8-040C <b>1478.87</b>	YS2AS8-040C <b>1691.51</b>	YS3AC8-040C <b>1590.04</b>	YS3AS8-040C <b>1818.80</b>	1	0	104

**CPVC - True Union Threaded Ends**

Size	EPDM CPVC Screen	EPDM SS Screen	Viton® CPVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BC8-005C <b>232.21</b>	YS2BS8-005C <b>319.13</b>	YS3BC8-005C <b>260.05</b>	YS3BS8-005C <b>358.71</b>	1	12	104
<b>3/4</b>	YS2BC8-007C <b>255.13</b>	YS2BS8-007C <b>362.93</b>	YS3BC8-007C <b>287.23</b>	YS3BS8-007C <b>407.93</b>	1	8	104
<b>1</b>	YS2BC8-010C <b>324.19</b>	YS2BS8-010C <b>448.91</b>	YS3BC8-010C <b>365.18</b>	YS3BS8-010C <b>503.73</b>	1	8	104
<b>1-1/4</b>	YS2BC8-012C <b>470.62</b>	YS2BS8-012C <b>647.68</b>	YS3BC8-012C <b>566.34</b>	YS3BS8-012C <b>685.84</b>	1	4	104
<b>1-1/2</b>	YS2BC8-015C <b>505.52</b>	YS2BS8-015C <b>669.03</b>	YS3BC8-015C <b>587.61</b>	YS3BS8-015C <b>748.01</b>	1	0	104
<b>2</b>	YS2BC8-020C <b>715.74</b>	YS2BS8-020C <b>838.71</b>	YS3BC8-020C <b>756.31</b>	YS3BS8-020C <b>914.78</b>	1	0	104
<b>3</b>	YS2BC8-030C <b>853.80</b>	YS2BS8-030C <b>1021.37</b>	YS3BC8-030C <b>902.87</b>	YS3BS8-030C <b>1098.68</b>	1	0	104
<b>4</b>	YS2BC8-040C <b>1478.87</b>	YS2BS8-040C <b>1691.51</b>	YS3BC8-040C <b>1590.04</b>	YS3BS8-040C <b>1818.80</b>	1	0	104

**CPVC - True Union SR Threaded Ends**

Size	EPDM CPVC Screen	EPDM SS Screen	Viton® CPVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BC8-005CSR <b>240.67</b>	YS2BS8-005CSR <b>327.55</b>	YS3BC8-005CSR <b>268.48</b>	YS3BS8-005CSR <b>367.18</b>	1	12	104
<b>3/4</b>	YS2BC8-007CSR <b>264.18</b>	YS2BS8-007CSR <b>371.94</b>	YS3BC8-007CSR <b>296.28</b>	YS3BS8-007CSR <b>416.98</b>	1	12	104
<b>1</b>	YS2BC8-010CSR <b>344.90</b>	YS2BS8-010CSR <b>469.56</b>	YS3BC8-010CSR <b>385.89</b>	YS3BS8-010CSR <b>524.71</b>	1	8	104
<b>1-1/4</b>	YS2BC8-012CSR <b>491.89</b>	YS2BS8-012CSR <b>632.51</b>	YS3BC8-012CSR <b>587.63</b>	YS3BS8-012CSR <b>707.13</b>	1	4	104
<b>1-1/2</b>	YS2BC8-015CSR <b>530.15</b>	YS2BS8-015CSR <b>693.68</b>	YS3BC8-015CSR <b>667.71</b>	YS3BS8-015CSR <b>772.65</b>	1	0	104
<b>2</b>	YS2BC8-020CSR <b>750.86</b>	YS2BS8-020CSR <b>873.81</b>	YS3BC8-020CSR <b>841.61</b>	YS3BS8-020CSR <b>949.86</b>	1	0	104
<b>3</b>	YS2BC8-030CSR <b>897.32</b>	YS2BS8-030CSR <b>1064.86</b>	YS3BC8-030CSR <b>960.14</b>	YS3BS8-030CSR <b>1142.18</b>	1	0	104
<b>4</b>	YS2BC8-040CSR <b>1523.97</b>	YS2BS8-040CSR <b>1736.64</b>	YS3BC8-040CSR <b>1635.14</b>	YS3BS8-040CSR <b>1863.88</b>	1	0	104



## Schedule 80 CPVC Industrial Products & Accessories Basket Strainers



Pressure Rating  
@ 73°F (23°C), Water

1/2"-8"	150 psi
10"-12"	50 psi

Maximum Service  
Temperature

CPVC = 200°F (93°C)

Temperature/Pressure  
De-ratings Apply

**Important Ordering Information** - Column headings indicate Elastomer seal type and Strainer Basket screen material. All Part Numbers shown designate 1/8" perforated (#6 Mesh Code) Strainer Basket Screens. To order other screen perforation sizing, replace the number "6" preceding the dash-separator with the corresponding Mesh Code from chart. Pricing is the same for all listed Mesh Codes.

Perforation Size	Mesh Code
1/16"	12
3/32"	8
1/8"	6
3/16"	4
1/4"	3
3/8"	2

**Example:** To order a 1/16" screen perforation in listed part number BS22P6-020, change the part number to BS22P12-020

Contact Spears® for additional perforations & wire mesh sizes

### CPVC - Socket Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS22C6-005C <b>602.77</b>	BS22S6-005C <b>834.47</b>	BS32C6-005C <b>633.22</b>	BS32S6-005C <b>864.94</b>	1	2	297
<b>3/4</b>	BS22C6-007C <b>602.77</b>	BS22S6-007C <b>834.47</b>	BS32C6-007C <b>633.22</b>	BS32S6-007C <b>864.94</b>	1	2	297
<b>1</b>	BS22C6-010C <b>602.77</b>	BS22S6-010C <b>834.47</b>	BS32C6-010C <b>633.22</b>	BS32S6-010C <b>864.94</b>	1	2	297
<b>1-1/4</b>	BS22C6-012C <b>1137.49</b>	BS22S6-012C <b>1446.44</b>	BS32C6-012C <b>1278.56</b>	BS32S6-012C <b>1625.02</b>	1	0	297
<b>1-1/2</b>	BS22C6-015C <b>1137.49</b>	BS22S6-015C <b>1446.44</b>	BS32C6-015C <b>1278.56</b>	BS32S6-015C <b>1625.02</b>	1	0	297
<b>2</b>	BS22C6-020C <b>1137.49</b>	BS22S6-020C <b>1446.44</b>	BS32C6-020C <b>1278.56</b>	BS32S6-020C <b>1625.02</b>	1	0	297
<b>2-1/2</b>	BS22C6-025C <b>1863.49</b>	BS22S6-025C <b>2396.24</b>	BS32C6-025C <b>2093.68</b>	BS32S6-025C <b>2692.65</b>	1	0	297
<b>3</b>	BS22C6-030C <b>2416.10</b>	BS22S6-030C <b>2950.73</b>	BS32C6-030C <b>2714.79</b>	BS32S6-030C <b>3315.30</b>	1	0	297
<b>4</b>	BS22C6-040C <b>3210.39</b>	BS22S6-040C <b>3818.22</b>	BS32C6-040C <b>3607.85</b>	BS32S6-040C <b>4290.17</b>	1	0	297
<b>6</b>	BS22C6-060C <b>4242.99</b>	BS22S6-060C <b>5308.14</b>	BS32C6-060C <b>4767.46</b>	BS32S6-060C <b>5964.05</b>	1	0	297
<b>8</b>	BS22C6-080C <b>6057.05</b>	BS22S6-080C <b>7502.85</b>	BS32C6-080C <b>6805.74</b>	BS32S6-080C <b>8430.19</b>	1	0	297
<b>10</b>	BS22C6-100C <b>10632.43</b>	BS22S6-100C <b>12696.27</b>	BS32C6-100C <b>11946.62</b>	BS32S6-100C <b>14265.89</b>	1	0	297
<b>12</b>	BS22C6-120C <b>13501.78</b>	BS22S6-120C <b>16252.17</b>	BS32C6-120C <b>15170.49</b>	BS32S6-120C <b>18261.73</b>	1	0	297

### CPVC - Flanged Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS23C6-005C <b>659.69</b>	BS23S6-005C <b>891.39</b>	BS33C6-005C <b>694.29</b>	BS33S6-005C <b>926.00</b>	1	0	297
<b>3/4</b>	BS23C6-007C <b>659.69</b>	BS23S6-007C <b>891.39</b>	BS33C6-007C <b>694.29</b>	BS33S6-007C <b>926.00</b>	1	0	297
<b>1</b>	BS23C6-010C <b>659.69</b>	BS23S6-010C <b>891.39</b>	BS33C6-010C <b>694.29</b>	BS33S6-010C <b>926.00</b>	1	0	297
<b>1-1/4</b>	BS23C6-012C <b>1282.83</b>	BS23S6-012C <b>1589.62</b>	BS33C6-012C <b>1441.21</b>	BS33S6-012C <b>1786.13</b>	1	0	297
<b>1-1/2</b>	BS23C6-015C <b>1282.83</b>	BS23S6-015C <b>1589.62</b>	BS33C6-015C <b>1441.21</b>	BS33S6-015C <b>1786.13</b>	1	0	297
<b>2</b>	BS23C6-020C <b>1282.83</b>	BS23S6-020C <b>1589.62</b>	BS33C6-020C <b>1441.21</b>	BS33S6-020C <b>1786.13</b>	1	0	297
<b>2-1/2</b>	BS23C6-025C <b>2434.77</b>	BS23S6-025C <b>2968.45</b>	BS33C6-025C <b>2735.01</b>	BS33S6-025C <b>3335.52</b>	1	2	297

**Schedule 80 CPVC Industrial Products & Accessories  
Basket Strainers**



**CPVC - Flanged Ends (continued)**

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>3</b>	BS23C6-030C <b>2894.94</b>	BS23S6-030C <b>3620.37</b>	BS33C6-030C <b>3252.76</b>	BS33S6-030C <b>3853.24</b>	1	0	297
<b>4</b>	BS23C6-040C <b>3790.70</b>	BS23S6-040C <b>7828.53</b>	BS33C6-040C <b>4259.38</b>	BS33S6-040C <b>8795.88</b>	1	0	297
<b>6</b>	BS23C6-060C <b>7279.80</b>	BS23S6-060C <b>8343.96</b>	BS33C6-060C <b>8179.96</b>	BS33S6-060C <b>9375.20</b>	1	0	297
<b>8</b>	BS23C6-080C <b>9417.57</b>	BS23S6-080C <b>10863.60</b>	BS33C6-080C <b>10582.02</b>	BS33S6-080C <b>12206.45</b>	1	0	297
<b>10</b>	BS23C6-100C <b>12787.71</b>	BS23S6-100C <b>14851.00</b>	BS33C6-100C <b>14367.89</b>	BS33S6-100C <b>16687.16</b>	1	0	297
<b>12</b>	BS23C6-120C <b>17494.56</b>	BS23S6-120C <b>20244.01</b>	BS33C6-120C <b>19656.97</b>	BS33S6-120C <b>22749.03</b>	1	0	297

**CPVC - Spigot Ends**

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS27C6-005C <b>602.77</b>	BS27S6-005C <b>834.47</b>	BS37C6-005C <b>633.22</b>	BS37S6-005C <b>864.94</b>	1	0	297
<b>3/4</b>	BS27C6-007C <b>602.77</b>	BS27S6-007C <b>834.47</b>	BS37C6-007C <b>633.22</b>	BS37S6-007C <b>864.94</b>	1	0	297
<b>1</b>	BS27C6-010C <b>602.77</b>	BS27S6-010C <b>834.47</b>	BS37C6-010C <b>633.22</b>	BS37S6-010C <b>864.94</b>	1	0	297
<b>1-1/4</b>	BS27C6-012C <b>1137.49</b>	BS27S6-012C <b>1446.44</b>	BS37C6-012C <b>1278.56</b>	BS37S6-012C <b>1625.02</b>	1	0	297
<b>1-1/2</b>	BS27C6-015C <b>1137.49</b>	BS27S6-015C <b>1446.44</b>	BS37C6-015C <b>1278.56</b>	BS37S6-015C <b>1625.02</b>	1	0	297
<b>2</b>	BS27C6-020C <b>1137.49</b>	BS27S6-020C <b>1446.44</b>	BS37C6-020C <b>1278.56</b>	BS37S6-020C <b>1625.02</b>	1	0	297
<b>2-1/2</b>	BS27C6-025C <b>1863.49</b>	BS27S6-025C <b>2396.24</b>	BS37C6-025C <b>2093.68</b>	BS37S6-025C <b>2692.65</b>	1	0	297
<b>3</b>	BS27C6-030C <b>2416.10</b>	BS27S6-030C <b>2950.73</b>	BS37C6-030C <b>2714.79</b>	BS37S6-030C <b>3315.30</b>	1	0	297
<b>4</b>	BS27C6-040C <b>3210.39</b>	BS27S6-040C <b>3818.22</b>	BS37C6-040C <b>3607.85</b>	BS37S6-040C <b>4290.17</b>	1	0	297
<b>6</b>	BS27C6-060C <b>4242.99</b>	BS27S6-060C <b>5308.14</b>	BS37C6-060C <b>4767.46</b>	BS37S6-060C <b>5964.05</b>	1	0	297
<b>8</b>	BS27C6-080C <b>6057.05</b>	BS27S6-080C <b>7502.85</b>	BS37C6-080C <b>6805.74</b>	BS37S6-080C <b>8430.19</b>	1	0	297
<b>10</b>	BS27C6-100C <b>10632.43</b>	BS27S6-100C <b>12696.27</b>	BS37C6-100C <b>11946.62</b>	BS37S6-100C <b>14265.89</b>	1	0	297
<b>12</b>	BS27C6-120C <b>13501.78</b>	BS27S6-120C <b>16252.17</b>	BS37C6-120C <b>15170.31</b>	BS37S6-120C <b>18261.73</b>	1	0	297



## Transition Fittings & Adapters Special Reinforced (SR) & Metal Thread Transition Fittings & Adapters

### TRANSITION FITTINGS OVERVIEW

Spears® Transition fittings are designed primarily for adapting plastic-to-metal systems. These fittings, especially the Special Reinforced (SR) Female Plastic Thread style, can also be used for superior strength in make-up of plastic threaded joints. Spears® offers a variety of transition adapter fittings specified below. All have standard ASTM socket sizes for IPS pipe and NPT threads, except for the Gasket Sealed style that uses a straight thread with elastomer seal. All other threads should be assembled with a quality grade thread sealant that is compatible with plastics.

**Warning:** Some pipe joint compounds or PTFE pastes may contain substances that could cause stress cracking in thermoplastic materials. Spears® recommends the use of Spears® **BLUE 75™** thread sealant that has been tested for compatibility with Spears® products. Choice of any other appropriate thread sealant is at the discretion of the installer.

**Special Reinforced (SR) Thread Fittings:** This patented fitting features all-plastic female thread construction that reduces problems associated with over-tightening of female plastic pipe threads. The external reinforcing collar is not just an added reinforcement ring, this unique precompression design compensates for expansion forces generated from tapered pipe thread joint make-up. Radial stress is reduced in normal installations and contained in severe over-tightening situations. The all-plastic internal construction provides for the maximum in chemical and corrosion benefits. Its solid construction and reliability make the SR our best transition design for all applications.

**Brass Thread Fitting:** This patented fitting features a molded-in-place brass thread with external reinforcing collar as an integral part of each fitting for superior strength. An internal form-compressed O-ring seal compensates for expansion and contraction variations between materials. Excellent as a metal-to-plastic transition adapter fitting.

**Male Brass Thread Fitting:** Developed for Copper Tube Size (CTS) hot-and-cold water distribution systems, this male brass thread alternative is the only metal thread design of its type that has the metal component lined with plastic for improved fitting construction and minimal exposure. Excellent for transition to female metal threads in a CTS system.

**Gasket Sealed Thread Fittings:** Also developed for Copper Tube Size (CTS) hot-and-cold water distribution systems, this female threaded fitting features all plastic internal construction for maximum corrosion resistance. The fitting incorporates straight-threads for mechanical connection, while sealing is accomplished through an internal elastomer gasket or O-ring against the pipe face. No sealants are used.

### APPROVALS

Except where otherwise specified, Spears® Transition Fittings/Materials are approved for use in potable water systems by NSF® International under ANSI/NSF® Standard 61, Drinking Water System Components - Health Effects.

CPVC Orange Fittings in this price schedule (4200 series part numbers) are approved by Underwriters Laboratories, FM Global, and LPCB for use in CPVC Fire Sprinkler Systems. When installed in these system, installation must be made in accordance with Spears® publication FG-3, *FlameGuard® CPVC Fire Sprinkler Products Installation Manual*, and local codes. However, these fittings can also be used in many other types of installations. CPVC fittings may also be used on PVC pipe when installed using a quality CPVC solvent cement meeting the requirements of ASTM F 493, Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride)(CPVC) Plastic Pipe and Fittings.

## Transition Fittings & Adapters PVC White Special Reinforced (SR) Fittings



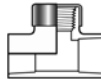
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Female Adapter Soc x SR Fipt - Stainless Steel Collar



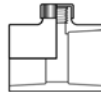
435-002SR	1/4	25	450	046	5.31
435-003SR	3/8	25	300	046	5.31
435-005SR	1/2	25	300	046	2.95
435-007SR	3/4	25	300	046	4.29
435-010SR	1	25	200	046	6.38
435-012SR	1-1/4	10	60	046	10.32
435-015SR	1-1/2	10	80	046	12.70
435-020SR	2	10	0	046	22.15
435-025SR	2-1/2	5	0	046	34.95
435-030SR	3	10	0	046	39.38
435-040SR	4	5	0	046	67.68

### Special Reinforced Tee Soc x SR Fipt - Stainless Steel Collar



402-005SR	1/2	25	200	046	7.66
402-012SR	1-1/4	25	0	046	15.06

### Special Reinforced Reducing Tee Soc x SR Fipt - Stainless Steel Collar



402-072SR	1/2X1/4	25	150	046	7.66
402-098SR	3/4X1/4	25	100	046	9.95
402-101SR	3/4X1/2	50	0	046	9.95
402-166SR	1-1/4X1/2	15	0	046	16.64
402-168SR	1-1/4X1	10	0	046	16.98
402-212SR	1-1/2X1-1/4	10	0	046	18.38
402-287SR	2-1/2X1/2	10	0	046	22.37
402-288SR	2-1/2X3/4	10	0	046	23.64
402-289SR	2-1/2X1	10	0	046	23.87
402-290SR	2-1/2X1-1/4	10	0	046	23.50
402-291SR	2-1/2X1-1/2	10	0	046	24.43
402-292SR	2-1/2X2	10	0	046	24.63
402-333SR	3X1/2	10	0	046	29.83
402-334SR	3X3/4	10	0	046	29.83
402-335SR	3X1	10	0	046	30.43
402-336SR	3X1-1/4	10	0	046	31.14
402-337SR	3X1-1/2	10	0	046	30.87
402-338SR	3X2	6	0	046	32.70
402-417SR	4X1	6	0	046	39.51
402-419SR	4X1-1/2	10	0	046	43.40
402-420SR	4X2	10	0	046	44.81
402-422SR	4X3	6	0	046	70.40

### Special Reinforced Reducing Tee Soc x SR Fipt-Stainless Steel Collar x Soc



403-095SR	3/4X1/2X3/4	50	0	046	2.59
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### Special Reinforced 90° Ell & Reducing 90° Ell Soc x SR Fipt - Stainless Steel Collar

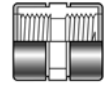


407-005SR	1/2	50	400	046	6.79
407-007SR	3/4	75	0	046	8.72
407-010SR	1	50	0	046	8.82
407-012SR	1-1/4	25	0	046	10.66
407-131SR	1X3/4	50	0	046	3.74
407-168SR <sup>1</sup>	1-1/4X1	25	0	046	14.77
407-249SR	2X1	10	0	046	16.80
407-251SR	2X1-1/2	10	0	046	17.72

Sized with SR Adapter

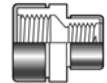
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Coupling SR Fipt - Stainless Steel Collar



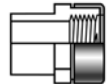
430-005SR	1/2	25	300	046	3.51
430-007SR	3/4	25	300	046	4.99
430-010SR	1	25	200	046	5.33
430-012SR	1-1/4	10	120	046	6.64
430-015SR	1-1/2	10	60	046	14.70
430-020SR	2	10	0	046	15.41

### Special Reinforced Reducer Coupling SR Fipt - Stainless Steel Collar



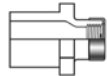
430-101SR	3/4X1/2	50	200	046	7.56
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### Special Reinforced Spigot Female Adapter Spig x SR Fipt - Stainless Steel Collar



478-005SR	1/2	50	600	046	3.88
478-007SR	3/4	25	300	046	4.57
478-010SR	1	50	0	046	7.04
478-012SR	1-1/4	25	0	046	11.21
478-015SR	1-1/2	25	0	046	13.44
478-020SR	2	15	0	046	22.37
478-030SR	3	5	0	046	41.12
478-040SR	4	5	0	046	63.51

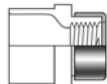
### Special Reinforced Reducing Spigot Female Adapter Spig x SR Fipt - Stainless Steel Collar



478-072SR	1/2X1/4	25	450	046	10.78
478-098SR	3/4X1/4	50	300	046	15.70
478-128SR	1X1/4	50	400	046	16.19

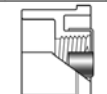
Spears® SR Series reinforced spigot adapters can be user-installed in a variety of socket type tees, elbows and reducer bushings for superior thread reinforcement demanding applications.

### Special Reinforced Reducing Female Adapter Soc x SR Fipt - Stainless Steel Collar



435-072SR	1/2X1/4	50	600	046	3.86
435-074SR	1/2X3/4	50	400	046	4.29
435-101SR	3/4X1/2	50	400	046	4.29
435-102SR	3/4X1	50	0	046	6.38
435-130SR	1X1/2	50	0	046	6.38
435-131SR	1X3/4	25	200	046	6.38

### Special Reinforced Reducer Bushing Flush Style Spig x SR Fipt - Stainless Steel Collar



438-128SR	1X1/4	25	300	046	3.14
438-166SR	1-1/4X1/2	25	100	046	5.74
438-207SR	1-1/2X1/4	25	100	046	8.01
438-209SR	1-1/2X1/2	25	100	046	8.01
438-210SR	1-1/2X3/4	25	100	046	8.01
438-247SR	2X1/2	10	80	046	9.80
438-248SR	2X3/4	10	80	046	9.80
438-249SR	2X1	10	80	046	9.80
438-334SR	3X3/4	10	0	046	38.36
438-335SR	3X1	10	0	046	38.36
438-336SR	3X-1/4	10	0	046	38.36
438-337SR	3X1-1/2	10	0	046	38.36
438-420SR	4X2	6	0	046	58.97
438-421SR	4X2-1/2	6	0	046	66.37
438-528SR	6X2	5	0	046	67.91
438-530SR	6X3	5	0	046	61.13



**Transition Fittings & Adapters**  
**PVC White Special Reinforced (SR) Fittings & PVC White Brass Thread Fittings**

**PVC White Special Reinforced (SR) Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Reducer Bushing Flush Style**  
 (continued)

Spig x SR Fipt - Stainless Steel Collar

438-532SR	6X4	5	0	046	67.91
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**Special Reinforced Reducer Bushing Flush Style**

Mipt X SR Fipt - Stainless Steel Collar

439-209SR	1-1/2X1/2	25	200	046	8.30
439-249SR	2X1	10	120	046	12.19



**Special Reinforced Cap**

SR Fipt - Stainless Steel Collar

448-012SR	1-1/4	25	100	046	6.40
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**Special Reinforced Union**

Soc x SR Fipt with Buna O-ring Seal - Stainless Steel Collar

235 psi @ 73°F (23°C)

459-002SR	1/4	25	150	046	14.55
459-003SR	3/8	25	100	046	14.55
459-005SR	1/2	10	60	046	7.90
459-007SR	3/4	10	40	046	10.88
459-010SR	1	10	40	046	14.48



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Union (continued)**

Soc x SR Fipt with Buna O-ring Seal - Stainless Steel Collar

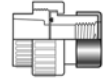
459-012SR	1-1/4	5	20	046	27.64
459-015SR	1-1/2	5	0	046	34.21
459-020SR	2	5	0	046	52.69
459-030SR	3	5	0	046	124.40
459-040SR	4	4	0	046	142.83
459-060SR	6	1	0	046	317.40

**Special Reinforced Union**

Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar

235 psi @ 73°F (23°C)

499-002SR	1/4	25	150	046	15.98
499-003SR	3/8	25	100	046	15.98
499-005SR	1/2	10	60	046	8.68
499-007SR	3/4	10	40	046	11.96
499-010SR	1	10	40	046	15.89
499-012SR	1-1/4	5	20	046	30.37
499-015SR	1-1/2	5	0	046	37.60
499-020SR	2	5	0	046	57.90
499-030SR	3	5	0	046	136.71
499-040SR	4	4	0	046	156.95
499-060SR	6	1	0	046	348.80



**PVC White Brass Thread Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Transition Union**

Soc x Fipt with Brass Thread Insert & Buna-N O-ring Seal

235 psi @ 73°F (23°C)

459-010BR	1	10	0	046	61.50
459-012BR	1-1/4	5	20	046	103.32
459-015BR	1-1/2	5	0	046	136.70
459-020BR	2	5	0	046	182.34



**Transition Union**

Soc x Fipt with Brass Thread Insert & EPDM O-ring Seal

235 psi @ 73°F (23°C)

499-010BR	1	10	0	046	61.50
499-012BR	1-1/4	5	20	046	103.32
499-015BR	1-1/2	5	0	046	136.70
499-020BR	2	5	0	046	182.34



Not intended to convey or dispense water for human consumption through drinking or cooking

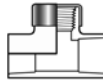


## Transition Fittings & Adapters PVC Gray Special Reinforced (SR) Fittings



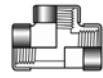
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Tee Soc x SR Fipt - Stainless Steel Collar



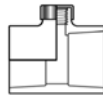
802-005SR	1/2	25	200	086	7.66
802-007SR	3/4	15	120	086	10.83
802-010SR	1	15	0	086	12.72
802-012SR	1-1/4	25	0	086	15.13
802-015SR	1-1/2	10	0	086	15.99
802-020SR	2	10	0	086	31.28
802-030SR	3	5	0	086	67.60
802-040SR	4	5	0	086	126.78

### Special Reinforced Tee SR Fipt - Stainless Steel Collar



805-002SR	1/4	25	150	086	8.91
805-003SR	3/8	25	150	086	8.91
805-005SR	1/2	25	150	086	9.20
805-007SR	3/4	25	100	086	10.11
805-010SR	1	15	0	086	24.03
805-015SR	1-1/2	10	0	086	28.12
805-020SR	2	10	0	086	29.56

### Special Reinforced Reducing Tee Soc x SR Fipt - Stainless Steel Collar



802-072SR	1/2X1/4	25	150	086	7.66
802-098SR	3/4X1/4	25	100	086	9.95
802-101SR	3/4X1/2	50	0	086	9.95
802-128SR <sup>1</sup>	1X1/4	10	80	086	23.55
802-130SR	1X1/2	50	0	086	12.27
802-131SR	1X3/4	15	0	086	23.55
802-164SR <sup>1</sup>	1-1/4X1/4	5	0	086	25.11
802-166SR	1-1/4X1/2	25	0	086	16.64
802-168SR	1-1/4X1	10	0	086	16.98
802-207SR <sup>1</sup>	1-1/2X1/4	10	0	086	29.30
802-211SR	1-1/2X1	10	0	086	18.38
802-212SR	1-1/2X1-1/4	10	0	086	18.38
802-245SR <sup>1</sup>	2X1/4	10	0	086	33.84
802-247SR	2X1/2	10	0	086	33.84
802-248SR	2X3/4	10	0	086	33.84
802-287SR	2-1/2X1/2	10	0	086	24.94
802-331SR <sup>1</sup>	3X1/4	5	0	086	64.60
802-333SR <sup>1</sup>	3X1/2	5	0	086	66.47
802-413SR <sup>1</sup>	4X1/4	5	0	086	88.96
802-415SR <sup>1</sup>	4X1/2	5	0	086	96.68

<sup>1</sup> Sized with Bushing

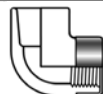
### Special Reinforced Reducing Tee Soc x SR Fipt - Stainless Steel Collar x Soc



(See also Gauge & Instrument Fittings for additional configurations)

803-095SR	3/4X1/2X3/4	15	0	086	12.53
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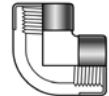
### Special Reinforced 90° Elbow Soc x SR Fipt - Stainless Steel Collar



807-005SR	1/2	20	240	086	7.33
807-007SR	3/4	75	0	086	8.72
807-010SR	1	50	0	086	8.82
807-012SR	1-1/4	25	0	086	11.85
807-015SR	1-1/2	10	0	086	14.64
807-020SR	2	10	0	086	16.80
807-030SR	3	5	0	086	42.65
807-040SR	4	5	0	086	75.35

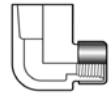
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced 90° Elbow SR Fipt - Stainless Steel Collar



808-003SR	3/8	25	150	086	4.28
808-005SR	1/2	20	120	086	4.28
808-007SR	3/4	20	120	086	5.39
808-010SR	1	50	0	086	6.27
808-012SR	1-1/4	25	0	086	6.70
808-015SR	1-1/2	10	0	086	10.45
808-020SR	2	10	0	086	11.77

### Special Reinforced Reducing 90° Elbow Soc x SR Fipt - Stainless Steel Collar



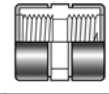
807-101SR	3/4X1/2	50	0	086	8.70
807-130SR	1X1/2	50	0	086	9.77

### Special Reinforced 45° Elbow SR Fipt - Stainless Steel Collar



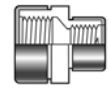
819-007SR	3/4	10	120	086	7.37
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### Special Reinforced Coupling SR Fipt - Stainless Steel Collar



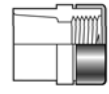
830-005SR	1/2	25	150	086	3.51
830-007SR	3/4	25	150	086	4.99
830-010SR	1	25	200	086	5.33
830-012SR	1-1/4	10	120	086	6.64
830-015SR	1-1/2	10	80	086	14.70
830-020SR	2	10	0	086	15.41

### Special Reinforced Reducer Coupling SR Fipt - Stainless Steel Collar



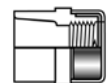
830-101SR	3/4X1/2	50	200	086	4.54
830-130SR	1X1/2	50	0	086	6.74
830-131SR	1X3/4	25	200	086	6.74
830-168SR	1-1/4X1	25	0	086	14.46
830-210SR	1-1/2X3/4	25	0	086	21.46
830-211SR	1-1/2X1	10	80	086	21.46
830-212SR	1-1/2X1-1/4	10	80	086	21.46
830-249SR	2X1	25	0	086	28.44
830-251SR	2X1-1/2	10	0	086	28.44

### Special Reinforced Female Adapter Soc x SR Fipt - Stainless Steel Collar



835-002SR	1/4	25	450	086	5.31
835-003SR	3/8	25	300	086	5.31
835-005SR	1/2	25	300	086	2.95
835-007SR	3/4	25	300	086	4.29
835-010SR	1	25	200	086	6.38
835-012SR	1-1/4	10	60	086	10.32
835-015SR	1-1/2	10	80	086	12.70
835-020SR	2	10	0	086	22.15
835-025SR	2-1/2	5	0	086	34.95
835-030SR	3	15	0	086	39.38
835-040SR	4	5	0	086	67.68
835-060SR	6	6	0	086	87.93

### Encapsulated Special Reinforced Female Adapter Soc x ESR Fipt



835-002ESR	1/4	25	450	086	7.69
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## Transition Fittings & Adapters PVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Encapsulated Special Reinforced Female Adapter (continued)

Soc x ESR Fipt

835-003ESR	3/8	25	300	086	7.69
835-005ESR	1/2	25	300	086	4.77
835-007ESR	3/4	25	300	086	7.04
835-010ESR	1	25	200	086	9.32
835-012ESR	1-1/4	10	80	086	15.04
835-015ESR	1-1/2	10	80	086	21.73
835-020ESR	2	10	0	086	32.30

### Special Reinforced Spigot Female Adapter

Spig x SR Fipt - Stainless Steel Collar



878-005SR	1/2	50	600	086	3.88
878-007SR	3/4	25	300	086	4.57
878-010SR	1	50	0	086	7.04
878-012SR	1-1/4	25	0	086	11.21
878-015SR	1-1/2	25	0	086	13.44
878-020SR	2	15	0	086	22.37
878-030SR	3	5	0	086	41.12
878-040SR	4	5	0	086	69.81

### Encapsulated Special Reinforced Spigot Female Adapter

Spig x ESR Fipt



878-005ESR	1/2	50	600	086	5.29
878-007ESR	3/4	25	300	086	7.29
878-010ESR	1	50	0	086	10.00
878-012ESR	1-1/4	25	0	086	15.39
878-015ESR	1-1/2	25	0	086	21.85
878-020ESR	2	15	0	086	32.93

### Special Reinforced Reducing Female Adapter

Soc x SR Fipt - Stainless Steel Collar



835-074SR	1/2X3/4	50	400	086	4.29
835-101SR	3/4X1/2	50	400	086	4.29
835-102SR	3/4X1	50	0	086	6.38
835-130SR	1X1/2	50	0	086	6.38
835-131SR	1X3/4	25	200	086	6.38

### Special Reinforced Reducing Spigot Female Adapter

Spig x SR Fipt - Stainless Steel Collar



878-072SR	1/2X1/4	25	450	086	10.78
878-098SR	3/4X1/4	50	400	086	14.86
878-128SR	1X1/4	50	400	086	15.32

### Reinforced Male Adapter

R Mipt x Soc - Stainless Steel Sleeve



836-005R	1/2	25	150	086	3.65
836-007R	3/4	25	300	086	4.00
836-010R	1	10	60	086	7.01

### Special Reinforced Reducer Bushing

Mipt x SR Fipt - Stainless Steel Collar



839-128SR	1X1/4	25	150	086	5.68
839-209SR	1-1/2X1/2	25	200	086	8.30
839-210SR	1-1/2X3/4	25	100	086	8.30
839-247SR	2X1/2	10	120	086	12.19
839-248SR	2X3/4	10	120	086	12.19
839-249SR	2X1	10	120	086	12.19
839-420SR	4X2	6	0	086	46.16

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Reducer Bushing Flush Style

Spig x SR Fipt - Stainless Steel Collar



838-128SR	1X1/4	25	300	086	3.14
838-166SR	1-1/4X1/2	25	100	086	5.74
838-207SR	1-1/2X1/4	25	200	086	8.01
838-209SR	1-1/2X1/2	10	60	086	8.01
838-210SR	1-1/2X3/4	25	200	086	8.01
838-247SR	2X1/2	10	80	086	9.80
838-248SR	2X3/4	10	80	086	9.80
838-249SR	2X1	10	80	086	9.80
838-334SR	3X3/4	10	0	086	38.36
838-335SR	3X1	10	0	086	38.36
838-336SR	3X1-1/4	10	0	086	38.36
838-337SR	3X1-1/2	10	0	086	38.36
838-528SR	6X2	5	0	086	67.91
838-530SR	6X3	5	0	086	61.13
838-532SR	6X4	5	0	086	67.91

### Special Reinforced Cap

SR Fipt - Stainless Steel Collar



848-002SR	1/4	25	500	086	3.83
848-003SR	3/8	25	450	086	3.83
848-005SR	1/2	50	300	086	4.19
848-007SR	3/4	25	300	086	5.37
848-030SR	3	5	0	086	33.10

### Special Reinforced Union 2000

Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005SR	1/2	20	160	086	7.60
8099-007SR	3/4	20	80	086	10.83
8099-010SR	1	15	90	086	13.97
8099-012SR	1-1/4	10	0	086	24.30
8099-015SR	1-1/2	10	0	086	31.49
8099-020SR	2	5	0	086	50.68
8099-025SR	2-1/2	5	0	086	108.41
8099-030SR	3	5	0	086	120.69
8099-040SR	4	4	0	086	137.74
8099-060SR	6	1	0	086	306.10

### Special Reinforced Union 2000

Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005SR	1/2	20	160	086	7.90
8059-007SR	3/4	20	80	086	10.88
8059-010SR	1	15	90	086	14.14
8059-012SR	1-1/4	10	0	086	27.02
8059-015SR	1-1/2	10	0	086	33.34
8059-020SR	2	5	0	086	50.91
8059-025SR	2-1/2	5	0	086	109.43
8059-030SR	3	5	0	086	124.40
8059-040SR	4	4	0	086	142.83
8059-060SR	6	1	0	086	317.40

### Special Reinforced Union 2000

SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8098-005SR	1/2	20	120	086	8.01
8098-007SR	3/4	20	80	086	10.91
8098-010SR	1	15	90	086	14.44

## Transition Fittings & Adapters PVC Gray Special Reinforced (SR) Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Union 2000 (continued)

SR Fipt with EPDM O-ring Seal - Stainless Steel Collar

8098-012SR	1-1/4	10	0	086	26.85
8098-015SR	1-1/2	10	0	086	33.77
8098-020SR	2	5	0	086	53.07
8098-025SR	2-1/2	5	0	086	107.11
8098-030SR	3	5	0	086	126.32
8098-040SR	4	4	0	086	145.02
8098-060SR	6	1	0	086	322.30

### Special Reinforced Union 2000

SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005SR	1/2	20	120	086	8.13
8058-007SR	3/4	20	80	086	11.01
8058-010SR	1	15	90	086	14.73
8058-012SR	1-1/4	10	0	086	28.06
8058-015SR	1-1/2	10	0	086	34.53
8058-020SR	2	5	0	086	53.62
8058-025SR	2-1/2	5	0	086	112.12
8058-030SR	3	5	0	086	127.54
8058-040SR	4	4	0	086	150.14
8058-060SR	6	1	0	086	333.63

### Special Reinforced Union (Old Style)

Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002SR	1/4	25	150	086	14.35
899-003SR	3/8	25	100	086	14.35
899-005SR	1/2	10	60	086	7.60
899-007SR	3/4	10	40	086	10.83
899-010SR	1	10	40	086	13.97
899-012SR	1-1/4	5	20	086	24.30
899-015SR	1-1/2	5	0	086	31.49
899-020SR	2	5	0	086	50.68
899-030SR	3	5	0	086	120.69
899-040SR	4	4	0	086	137.74

### Special Reinforced Union (Old Style)

Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-005SR	1/2	10	60	086	7.90
859-007SR	3/4	10	40	086	10.88
859-010SR	1	10	40	086	14.14
859-012SR	1-1/4	5	20	086	27.02
859-015SR	1-1/2	5	0	086	33.34
859-020SR	2	5	0	086	50.91
859-030SR	3	5	0	086	124.40
859-040SR	4	4	0	086	142.83

### Special Reinforced Flange One Piece Threaded

SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005SR	1/2	25	0	086	11.31
852-007SR	3/4	25	0	086	13.29
852-010SR	1	15	0	086	14.53
852-012SR	1-1/4	15	0	086	20.02
852-015SR	1-1/2	15	0	086	21.91
852-020SR	2	10	0	086	22.44
852-025SR	2-1/2	10	0	086	51.39
852-030SR	3	10	0	086	52.91
852-040SR	4	5	0	086	99.46

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets



Soc x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002SR	1/4	25	150	100	33.80
8171-003SR	3/8	25	200	100	33.80
8171-005SR	1/2	25	0	100	33.80
8171-007SR	3/4	25	0	100	39.16
8171-010SR	1	25	0	100	44.10
8171-012SR	1-1/4	20	0	100	54.21
8171-015SR	1-1/2	20	0	100	62.22
8171-020SR	2	15	0	100	89.17
8171-025SR	2-1/2	4	0	100	143.57
8171-030SR	3	4	0	100	170.90
8171-040SR	4	2	0	100	316.12
8171-060SR	6	1	0	100	591.63

### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets



Soc x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002SR	1/4	25	150	100	34.99
8171E-003SR	3/8	25	200	100	34.99
8171E-005SR	1/2	25	0	100	34.99
8171E-007SR	3/4	25	0	100	39.90
8171E-010SR	1	25	0	100	48.51
8171E-012SR	1-1/4	20	0	100	58.77
8171E-015SR	1-1/2	20	0	100	66.79
8171E-020SR	2	15	0	100	95.34
8171E-025SR	2-1/2	4	0	100	148.23
8171E-030SR	3	4	0	100	176.47
8171E-040SR	4	2	0	100	323.55
8171E-060SR	6	1	0	100	611.98

### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets



Soc x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002SR	1/4	25	150	100	56.80
8171V-003SR	3/8	25	200	100	56.80
8171V-005SR	1/2	25	0	100	56.80
8171V-007SR	3/4	25	0	100	62.33
8171V-010SR	1	25	0	100	76.83
8171V-012SR	1-1/4	20	0	100	86.03
8171V-015SR	1-1/2	20	0	100	96.98
8171V-020SR	2	15	0	100	148.51
8171V-025SR	2-1/2	4	0	100	226.10
8171V-030SR	3	4	0	100	269.15
8171V-040SR	4	2	0	100	646.67
8171V-060SR	6	2	0	100	1146.10

### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets



Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002SR	1/4	25	150	100	45.19
8172-003SR	3/8	25	200	100	45.19
8172-005SR	1/2	25	0	100	45.19
8172-007SR	3/4	25	0	100	50.03
8172-010SR	1	25	0	100	55.33
8172-012SR	1-1/4	20	0	100	74.51
8172-015SR	1-1/2	20	0	100	83.97
8172-020SR	2	15	0	100	108.80
8172-025SR	2-1/2	4	0	100	165.65



## Transition Fittings & Adapters PVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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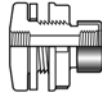
### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets (continued)

Fipt x SR Fipt - Stainless Steel Collar

8172-030SR	3	4	0	100	197.21
8172-040SR	4	2	0	100	351.09
8172-060SR	6	1	0	100	679.14

### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets

Fipt x SR Fipt - Stainless Steel Collar

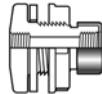


150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002SR	1/4	25	150	100	46.49
8172E-003SR	3/8	25	200	100	46.49
8172E-005SR	1/2	25	0	100	46.49
8172E-007SR	3/4	25	0	100	50.97
8172E-010SR	1	25	0	100	60.98
8172E-012SR	1-1/4	20	0	100	80.95
8172E-015SR	1-1/2	20	0	100	90.31
8172E-020SR	2	15	0	100	116.47
8172E-025SR	2-1/2	4	0	100	171.16
8172E-030SR	3	4	0	100	203.74
8172E-040SR	4	2	0	100	359.46
8172E-060SR	6	1	0	100	702.68

### PVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets

Fipt x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002SR	1/4	25	150	100	69.15
8172V-003SR	3/8	25	200	100	69.15
8172V-005SR	1/2	25	0	100	69.15
8172V-007SR	3/4	25	0	100	74.24
8172V-010SR	1	25	0	100	85.29
8172V-012SR	1-1/4	20	0	100	98.05
8172V-015SR	1-1/2	20	0	100	114.46
8172V-020SR	2	15	0	100	166.59
8172V-025SR	2-1/2	4	0	100	244.62
8172V-030SR	3	4	0	100	291.29
8172V-040SR	4	2	0	100	679.14
8172V-060SR	6	2	0	100	1282.40

### PVC Elastomer Expansion Joint

with Neoprene Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ01-007SR	3/4	10	0	085	190.59
EJ01-010SR	1	10	0	085	217.05
EJ01-012SR	1-1/4	15	0	085	236.07
EJ01-015SR	1-1/2	10	0	085	301.37
EJ01-020SR	2	8	0	085	362.07
EJ01-025SR	2-1/2	4	0	085	527.64
EJ01-030SR	3	2	0	085	709.59

### PVC Elastomer Expansion Joint

with EPDM Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007SR	3/4	10	0	085	194.46
EJ21-010SR	1	10	0	085	221.48
EJ21-012SR	1-1/4	15	0	085	240.91
EJ21-015SR	1-1/2	10	0	085	307.50
EJ21-020SR	2	8	0	085	369.47
EJ21-025SR	2-1/2	4	0	085	535.41
EJ21-030SR	3	2	0	085	724.07

## Transition Fittings & Adapters PVC Gray Brass Thread Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Transition Tee Soc x Fipt With Brass Thread Insert



802-005BR	1/2	20	160	086	31.27
802-007BR	3/4	20	80	086	62.67
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition Reducing Tee Soc x Fipt With Brass Thread Insert



802-101BR	3/4X1/2	50	0	086	39.03
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition 90° El Soc x Fipt With Brass Thread Insert



807-005BR	1/2	20	240	086	27.47
807-007BR	3/4	20	160	086	48.63
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition Reducing 90° El Soc x Fipt With Brass Thread Insert



807-101BR	3/4X1/2	20	120	086	34.29
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition Female Adapter Soc x Fipt With Brass Thread Insert



835-005BR	1/2	25	150	086	23.72
835-007BR	3/4	25	150	086	34.07
835-010BR	1	15	90	086	58.71
835-012BR	1-1/4	15	60	086	96.68
835-015BR	1-1/2	10	40	086	127.01
835-020BR	2	8	32	086	157.31
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition Female Adapter Spig x Fipt With Brass Thread Insert



878-005BR	1/2	25	150	086	19.95
878-010BR	1	15	90	086	63.47
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition Reducing Female Adapter Soc x Fipt With Brass Thread Insert



835-101BR	3/4X1/2	50	0	086	35.22
Not intended to convey or dispense water for human consumption through drinking or cooking					

### Transition Female Adapter Soc x Fipt With 316 Stainless Steel Thread Insert



835-005SS	1/2	25	300	086	46.48
835-007SS	3/4	15	90	086	66.80
835-010SS	1	15	90	086	113.67
835-012SS	1-1/4	15	60	086	189.84
835-015SS	1-1/2	10	40	086	247.99
835-020SS	2	8	32	086	318.13

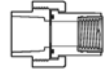
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Transition Male Adapter w/ Brass Thread Brass Mipt x Socket



836-005BR	1/2	40	160	086	26.11
836-007BR	3/4	40	160	086	39.37
836-010BR	1	10	60	086	64.02
836-012BR	1-1/4	10	60	086	107.84
836-015BR	1-1/2	10	40	086	143.10
836-020BR	2	8	32	086	177.77

### Union Soc x Fipt with Brass Thread Insert & Viton® O-ring Seal

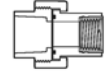


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-007BR	3/4	10	40	086	50.53
859-010BR	1	10	0	086	62.36
859-012BR	1-1/4	5	20	086	107.63
859-015BR	1-1/2	5	0	086	142.44
859-020BR	2	5	0	086	189.30

Not intended to convey or dispense water for human consumption through drinking or cooking

### Union Soc x Fipt with Brass Thread Insert & EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-007BR	3/4	10	40	086	45.56
899-010BR	1	10	0	086	61.45
899-012BR	1-1/4	5	20	086	103.33
899-015BR	1-1/2	5	0	086	136.76
899-020BR	2	5	0	086	182.30

Not intended to convey or dispense water for human consumption through drinking or cooking

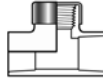




## Transition Fittings & Adapters CPVC Gray Special Reinforced (SR) Fittings

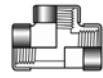
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Tee Soc x SR Fipt - Stainless Steel Collar



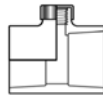
802-005CSR	1/2	50	0	096	18.69
802-007CSR	3/4	15	120	096	27.31
802-010CSR	1	15	0	096	34.36
802-012CSR	1-1/4	15	0	096	39.86
802-015CSR	1-1/2	10	0	096	39.86
802-020CSR	2	10	0	096	65.16
802-030CSR	3	5	0	096	93.84
802-040CSR	4	5	0	096	176.79

### Special Reinforced Tee SR Fipt - Stainless Steel Collar



805-002CSR	1/4	20	160	096	16.72
805-003CSR	3/8	25	150	096	16.72
805-005CSR	1/2	25	150	096	22.37
805-007CSR	3/4	25	100	096	25.63
805-010CSR	1	15	0	096	38.28
805-015CSR	1-1/2	10	0	096	40.64
805-020CSR	2	10	0	096	48.39

### Special Reinforced Reducing Tee Soc x SR Fipt - Stainless Steel Collar



802-072CSR	1/2X1/4	25	200	096	18.69
802-098CSR	3/4X1/4	25	100	096	24.98
802-101CSR	3/4X1/2	50	0	096	24.98
802-128CSR <sup>1</sup>	1X1/4	15	0	096	38.57
802-130CSR	1X1/2	50	0	096	15.26
802-131CSR	1X3/4	15	0	096	38.57
802-164CSR <sup>1</sup>	1-1/4X1/4	5	0	096	51.29
802-166CSR	1-1/4X1/2	15	0	096	40.63
802-168CSR	1-1/4X1	10	0	096	41.46
802-207CSR <sup>1</sup>	1-1/2X1/4	15	0	096	73.44
802-211CSR	1-1/2X1	10	0	096	48.68
802-212CSR	1-1/2X1-1/4	10	0	096	48.68
802-245CSR <sup>1</sup>	2X1/4	10	0	096	84.36
802-247CSR	2X1/2	10	0	096	75.93
802-248CSR	2X3/4	10	0	096	84.36
802-287CSR	2-1/2X1/2	10	0	096	58.02
802-331CSR <sup>1</sup>	3X1/4	5	0	096	161.14
802-413CSR <sup>1</sup>	4X1/4	5	0	096	174.86

<sup>1</sup> Sized with Bushing

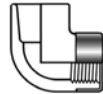
### Special Reinforced Reducing Tee Soc x SR Fipt - Stainless Steel Collar x Soc



(See also Gauge & Instrument Fittings for additional configurations)

803-095CSR	3/4X1/2X3/4	15	0	096	15.39
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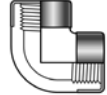
### Special Reinforced 90° EII Soc x SR Fipt - Stainless Steel Collar



807-005CSR	1/2	20	240	096	9.07
807-007CSR	3/4	75	0	096	10.66
807-010CSR	1	50	0	096	12.83
807-012CSR	1-1/4	25	0	096	26.50
807-015CSR	1-1/2	10	0	096	31.85
807-020CSR	2	10	0	096	39.85

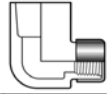
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced 90° EII SR Fipt - Stainless Steel Collar



808-003CSR	3/8	25	150	096	5.48
808-005CSR	1/2	20	120	096	5.48
808-007CSR	3/4	20	160	096	8.03
808-010CSR	1	50	0	096	10.29
808-012CSR	1-1/4	25	0	096	19.80
808-015CSR	1-1/2	10	0	096	23.31
808-020CSR	2	10	0	096	31.23

### Special Reinforced Reducing 90° EII Soc x SR Fipt - Stainless Steel Collar



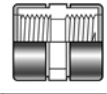
807-101CSR	3/4X1/2	50	0	096	11.56
807-130CSR	1X1/2	50	0	096	12.46

### Special Reinforced 45° EII SR Fipt - Stainless Steel Collar



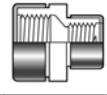
819-007CSR	3/4	10	120	096	12.53
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### Special Reinforced Coupling SR Fipt - Stainless Steel Collar



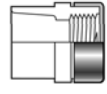
830-005CSR	1/2	25	300	096	8.84
830-007CSR	3/4	25	300	096	14.29
830-010CSR	1	25	200	096	16.23
830-012CSR	1-1/4	10	120	096	17.24
830-015CSR	1-1/2	10	80	096	18.49
830-020CSR	2	10	0	096	21.85

### Special Reinforced Reducer Coupling SR Fipt - Stainless Steel Collar



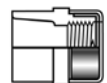
830-101CSR	3/4X1/2	50	200	096	15.85
830-130CSR	1X1/2	50	0	096	19.13
830-131CSR	1X3/4	25	200	096	19.13
830-168CSR	1-1/4X1	25	0	096	26.02
830-210CSR	1-1/2X3/4	25	0	096	37.21
830-211CSR	1-1/2X1	10	80	096	37.21
830-212CSR	1-1/2X1-1/4	10	80	096	37.21
830-249CSR	2X1	25	0	096	91.60
830-251CSR	2X1-1/2	15	0	096	91.60

### Special Reinforced Female Adapter Soc x SR Fipt - Stainless Steel Collar



835-002CSR	1/4	25	450	096	12.41
835-003CSR	3/8	25	300	096	12.41
835-005CSR	1/2	25	300	096	5.33
835-007CSR	3/4	25	150	096	5.76
835-010CSR	1	25	200	096	13.13
835-012CSR	1-1/4	10	60	096	13.47
835-015CSR	1-1/2	10	80	096	15.64
835-020CSR	2	10	0	096	22.22
835-025CSR	2-1/2	5	0	096	51.67
835-030CSR	3	15	0	096	106.16
835-040CSR	4	5	0	096	176.69
835-060CSR	6	6	0	096	276.02

### Encapsulated Special Reinforced (SR) Female Adapter



835-002CESR	1/4	25	450	096	15.74
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**Transition Fittings & Adapters**  
**CPVC Gray Special Reinforced (SR) Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Encapsulated Special Reinforced (SR) Female Adapter**  
 (continued)

Soc x ESR Fipt

835-003CESR	3/8	25	300	096	15.74
835-005CESR	1/2	25	300	096	8.17
835-007CESR	3/4	25	300	096	8.63
835-010CESR	1	25	200	096	19.01
835-012CESR	1-1/4	10	80	096	19.46
835-015CESR	1-1/2	10	0	096	25.19
835-020CESR	2	10	0	096	39.16

**Special Reinforced Spigot Female Adapter**

Spig x SR Fipt - Stainless Steel Collar



878-005CSR	1/2	50	600	096	5.68
878-007CSR	3/4	25	300	096	5.99
878-010CSR	1	50	0	096	13.48
878-012CSR	1-1/4	25	0	096	13.95
878-015CSR	1-1/2	25	0	096	16.19
878-020CSR	2	15	0	096	29.49
878-030CSR	3	5	0	096	107.49
878-040CSR	4	5	0	096	180.45

**Special Reinforced Reducing Female Adapter**

Soc x SR Fipt - Stainless Steel Collar



835-074CSR	1/2X3/4	50	400	096	5.76
835-101CSR	3/4X1/2	50	400	096	5.76
835-102CSR	3/4X1	50	0	096	13.13
835-130CSR	1X1/2	50	0	096	13.13
835-131CSR	1X3/4	25	200	096	13.13

**Encapsulated Special Reinforced (SR) Female Adapter**

Spig x ESR Fipt



878-005CESR	1/2	50	600	096	8.41
878-007CESR	3/4	25	300	096	8.95
878-010CESR	1	50	0	096	19.19
878-012CESR	1-1/4	25	0	096	19.71
878-015CESR	1-1/2	25	0	096	25.70
878-020CESR	2	15	0	096	39.72

**Special Reinforced Reducing Spigot Female Adapter**

Spig x SR Fipt - Stainless Steel Collar



878-072CSR	1/2X1/4	25	450	096	16.28
878-098CSR	3/4X1/4	50	400	096	18.95
878-128CSR	1X1/4	50	400	096	21.21

**Reinforced Male Adapter**

R Mipt x Soc - Stainless Steel Sleeve



836-005CR	1/2	25	150	096	8.19
836-007CR	3/4	25	300	096	9.38
836-010CR	1	10	120	096	11.12

**Special Reinforced Reducing Bushing**

Mipt x SR Fipt - Stainless Steel Collar



839-209CSR	1-1/2X1/2	25	200	096	21.00
839-210CSR	1-1/2X3/4	25	100	096	21.00
839-247CSR	2X1/2	10	120	096	23.21
839-248CSR	2X3/4	10	120	096	23.21
839-249CSR	2X1	10	120	096	23.21
839-420CSR	4X2	6	0	096	128.88

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Reducer Bushing**

Spig x SR Fipt - Stainless Steel Collar



838-128CSR	1X1/4	25	150	096	12.10
838-207CSR	1-1/2X1/4	25	200	096	20.47
838-209CSR	1-1/2X1/2	10	120	096	21.34
838-210CSR	1-1/2X3/4	10	120	096	21.34
838-247CSR	2X1/2	10	80	096	29.32
838-248CSR	2X3/4	10	80	096	29.32
838-249CSR	2X1	10	80	096	29.32
838-334CSR	3X3/4	10	0	096	124.15
838-335CSR	3X1	10	0	096	124.15
838-336CSR	3X1-1/4	10	0	096	124.15
838-337CSR	3X1-1/2	10	0	096	124.15
838-528CSR	6X2	5	0	096	426.81
838-530CSR	6X3	5	0	096	426.81

**Special Reinforced Cap**

SR Fipt - Stainless Steel Collar



848-002CSR	1/4	25	500	096	6.71
848-003CSR	3/8	25	450	096	6.71
848-007CSR	3/4	25	300	096	10.45
848-030CSR	3	5	0	096	116.66

**Special Reinforced Union 2000**

Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005CSR	1/2	20	160	096	15.02
8099-007CSR	3/4	20	160	096	26.67
8099-010CSR	1	15	90	096	36.93
8099-012CSR	1-1/4	10	0	096	69.96
8099-015CSR	1-1/2	10	0	096	76.09
8099-020CSR	2	5	0	096	80.12
8099-025CSR	2-1/2	5	0	096	137.43
8099-030CSR	3	5	0	096	223.20
8099-040CSR	4	4	0	096	262.13
8099-060CSR	6	1	0	096	582.54

**Special Reinforced Union 2000**

Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005CSR	1/2	25	200	096	15.32
8059-007CSR	3/4	20	160	096	27.03
8059-010CSR	1	15	90	096	37.24
8059-012CSR	1-1/4	10	0	096	71.00
8059-015CSR	1-1/2	10	0	096	77.18
8059-020CSR	2	5	0	096	80.35
8059-030CSR	3	5	0	096	226.04
8059-040CSR	4	4	0	096	263.72

**Special Reinforced Union 2000**

SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005CSR	1/2	20	160	096	15.72
8058-007CSR	3/4	20	80	096	27.41
8058-010CSR	1	15	90	096	37.67
8058-012CSR	1-1/4	10	0	096	71.00
8058-015CSR	1-1/2	10	0	096	77.48
8058-020CSR	2	5	0	096	81.64
8058-030CSR	3	5	0	096	230.71
8058-040CSR	4	4	0	096	270.28



## Transition Fittings & Adapters CPVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Special Reinforced Union 2000 (continued)**  
SR Fipt with Viton® O-ring Seal - Stainless Steel Collar

8058-060CSR	6	1	0	096	608.69
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**Special Reinforced Union 2000**  
SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8098-005CSR	1/2	20	160	096	15.20
8098-007CSR	3/4	20	80	096	27.16
8098-010CSR	1	15	90	096	37.24
8098-012CSR	1-1/4	10	0	096	70.31
8098-015CSR	1-1/2	10	0	096	76.88
8098-020CSR	2	5	0	096	80.84
8098-025CSR	2-1/2	5	0	096	139.70
8098-030CSR	3	5	0	096	227.14
8098-040CSR	4	4	0	096	262.95
8098-060CSR	6	1	0	096	584.34

**Special Reinforced Union (Old Style)**  
Soc x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002CSR	1/4	25	150	096	23.95
899-003CSR	3/8	25	100	096	23.95
899-005CSR	1/2	10	60	096	15.02
899-007CSR	3/4	10	40	096	26.67
899-010CSR	1	10	40	096	36.93
899-012CSR	1-1/4	5	20	096	69.96
899-015CSR	1-1/2	5	0	096	76.09
899-020CSR	2	5	0	096	80.12
899-030CSR	3	5	0	096	223.20
899-040CSR	4	4	0	096	262.13

**Special Reinforced Union (Old Style)**  
Soc x SR Fipt with Viton® O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-002CSR	1/4	25	150	096	24.11
859-003CSR	3/8	25	100	096	24.11
859-005CSR	1/2	10	60	096	15.32
859-007CSR	3/4	10	40	096	27.03
859-010CSR	1	10	40	096	37.24
859-012CSR	1-1/4	5	20	096	71.00
859-015CSR	1-1/2	5	0	096	77.18
859-020CSR	2	5	0	096	80.35
859-030CSR	3	5	0	096	226.04
859-040CSR	4	4	0	096	263.72

**Special Reinforced Flange One Piece Threaded**



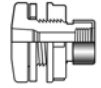
SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005CSR	1/2	25	0	096	19.62
852-007CSR	3/4	25	0	096	23.80
852-010CSR	1	15	0	096	26.04
852-012CSR	1-1/4	15	0	096	36.03
852-015CSR	1-1/2	15	0	096	38.20
852-020CSR	2	10	0	096	39.13
852-025CSR	2-1/2	10	0	090	62.96
852-030CSR	3	10	0	096	62.47
852-040CSR	4	5	0	096	117.06

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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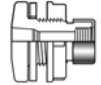
**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets**



Soc x SR Fipt - Stainless Steel Collar  
150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002CSR	1/4	25	150	101	47.31
8171-003CSR	3/8	25	200	101	47.31
8171-005CSR	1/2	25	0	101	47.31
8171-007CSR	3/4	25	0	101	56.62
8171-010CSR	1	25	0	101	64.05
8171-012CSR	1-1/4	20	0	101	82.62
8171-015CSR	1-1/2	20	0	101	92.76
8171-020CSR	2	15	0	101	128.27
8171-025CSR	2-1/2	4	0	101	195.12
8171-030CSR	3	4	0	101	232.24
8171-040CSR	4	2	0	101	373.24
8171-060CSR	6	1	0	101	985.77

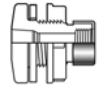
**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets**  
Soc x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002CSR	1/4	25	150	101	53.62
8171E-003CSR	3/8	25	200	101	53.62
8171E-005CSR	1/2	25	0	101	53.62
8171E-007CSR	3/4	25	0	101	60.60
8171E-010CSR	1	25	0	101	72.46
8171E-012CSR	1-1/4	20	0	101	90.55
8171E-015CSR	1-1/2	20	0	101	97.97
8171E-020CSR	2	15	0	101	138.50
8171E-025CSR	2-1/2	4	0	101	203.53
8171E-030CSR	3	4	0	101	242.30
8171E-040CSR	4	2	0	101	388.48
8171E-060CSR	6	2	0	101	1025.93

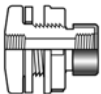
**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets**  
Soc x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002CSR	1/4	25	150	101	69.86
8171V-003CSR	3/8	25	200	101	69.86
8171V-005CSR	1/2	25	0	101	69.86
8171V-007CSR	3/4	25	0	101	80.76
8171V-010CSR	1	25	0	101	93.95
8171V-012CSR	1-1/4	20	0	101	116.46
8171V-015CSR	1-1/2	20	0	101	124.36
8171V-020CSR	2	15	0	101	185.18
8171V-025CSR	2-1/2	4	0	101	272.90
8171V-030CSR	3	4	0	101	324.95
8171V-040CSR	4	2	0	101	693.84
8171V-060CSR	6	2	0	101	1713.06

**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets**



Fipt x SR Fipt - Stainless Steel Collar  
150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002CSR	1/4	25	150	101	62.67
8172-003CSR	3/8	25	200	101	62.67
8172-005CSR	1/2	25	0	101	62.67
8172-007CSR	3/4	25	0	101	72.78
8172-010CSR	1	25	0	101	80.19
8172-012CSR	1-1/4	20	0	101	113.76
8172-015CSR	1-1/2	20	0	101	127.09
8172-020CSR	2	15	0	101	157.13
8172-025CSR	2-1/2	4	0	101	228.05

**Transition Fittings & Adapters**  
**CPVC Gray Special Reinforced (SR) Fittings**



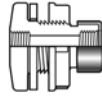
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with Neoprene Gaskets (continued)**

**Fipt x SR Fipt - Stainless Steel Collar**

8172-030CSR	<b>3</b>	4	0	101	271.49
8172-040CSR	<b>4</b>	2	0	101	416.98
8172-060CSR	<b>6</b>	2	0	101	1117.17

**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with EPDM Gaskets**

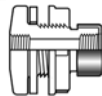


**Fipt x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002CSR	<b>1/4</b>	25	150	101	65.12
8172E-003CSR	<b>3/8</b>	25	200	101	65.12
8172E-005CSR	<b>1/2</b>	25	0	101	65.12
8172E-007CSR	<b>3/4</b>	25	0	101	77.11
8172E-010CSR	<b>1</b>	25	0	101	83.71
8172E-012CSR	<b>1-1/4</b>	20	0	101	118.16
8172E-015CSR	<b>1-1/2</b>	20	0	101	137.37
8172E-020CSR	<b>2</b>	15	0	101	168.61
8172E-025CSR	<b>2-1/2</b>	4	0	101	254.35
8172E-030CSR	<b>3</b>	4	0	101	302.79
8172E-040CSR	<b>4</b>	2	0	101	490.19
8172E-060CSR	<b>6</b>	2	0	101	1133.70

**CPVC New Style Special Reinforced (SR) Threaded Tank Adapters with Viton® Gaskets**



**Fipt x SR Fipt - Stainless Steel Collar**

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002CSR	<b>1/4</b>	25	150	101	100.00
8172V-003CSR	<b>3/8</b>	25	200	101	100.00
8172V-005CSR	<b>1/2</b>	25	0	101	100.00
8172V-007CSR	<b>3/4</b>	25	0	101	113.13
8172V-010CSR	<b>1</b>	25	0	101	130.65
8172V-012CSR	<b>1-1/4</b>	20	0	101	161.31
8172V-015CSR	<b>1-1/2</b>	20	0	101	169.89
8172V-020CSR	<b>2</b>	15	0	101	261.10
8172V-025CSR	<b>2-1/2</b>	4	0	101	377.28
8172V-030CSR	<b>3</b>	4	0	101	449.15
8172V-040CSR	<b>4</b>	2	0	101	1146.09
8172V-060CSR	<b>6</b>	2	0	101	2081.00

**CPVC Elastomer Expansion Joint**

**with EPDM Bellows SR Fipt - Stainless Steel Collar**



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007CSR	<b>3/4</b>	10	0	085	197.81
EJ21-010CSR	<b>1</b>	10	0	085	227.48
EJ21-012CSR	<b>1-1/4</b>	15	0	085	251.37
EJ21-015CSR	<b>1-1/2</b>	10	0	085	320.41
EJ21-020CSR	<b>2</b>	8	0	085	423.52
EJ21-025CSR	<b>2-1/2</b>	4	0	085	588.17
EJ21-030CSR	<b>3</b>	2	0	085	783.37



## Transition Fittings & Adapters CPVC Gray Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Transition Tee

Soc x Fipt With Brass Thread Insert



802-005CBR	1/2	20	160	096	55.46
802-007CBR	3/4	25	0	096	110.91

Not intended to convey or dispense water for human consumption through drinking or cooking

### Transition Reducing Tee

Soc x Fipt With Brass Thread Insert



802-101CBR	3/4X1/2	50	0	096	68.74
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Not intended to convey or dispense water for human consumption through drinking or cooking

### Transition 90° Ell

Soc x Fipt With Brass Thread Insert



807-005CBR	1/2	20	240	096	48.76
807-007CBR	3/4	20	160	096	85.13

Not intended to convey or dispense water for human consumption through drinking or cooking

### Transition Reducing 90° Ell

Soc x Fipt With Brass Thread Insert



807-101CBR	3/4X1/2	20	120	096	60.98
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Not intended to convey or dispense water for human consumption through drinking or cooking

### Transition Female Adapter

Soc x Fipt With Brass Thread Insert



835-005CBR	1/2	25	150	096	30.06
835-007CBR	3/4	15	90	096	62.21
835-010CBR	1	15	90	096	109.17
835-012CBR	1-1/4	15	60	096	178.10
835-015CBR	1-1/2	10	80	096	234.82
835-020CBR	2	8	32	096	293.28

Not intended to convey or dispense water for human consumption through drinking or cooking

### Transition Female Adapter

Soc x Fipt With Type 316 Stainless Steel Thread Insert



835-005CSS	1/2	25	150	096	59.02
835-007CSS	3/4	15	90	096	82.40
835-010CSS	1	15	90	096	144.22
835-012CSS	1-1/4	15	0	096	234.38
835-015CSS	1-1/2	10	60	096	305.78
835-020CSS	2	8	32	096	357.85

### Transition Male Adapter w/Brass Thread

Brass Mipt x Socket

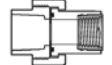


836-005CBR	1/2	40	160	096	66.63
836-007CBR	3/4	40	160	096	93.81
836-010CBR	1	10	60	096	163.39
836-012CBR	1-1/4	10	60	096	265.77
836-015CBR	1-1/2	10	40	096	345.52
836-020CBR	2	8	32	096	404.89

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union

Soc x Fipt with Brass Thread Insert & Viton® O-ring Seal



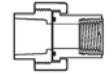
235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-007CBR	3/4	10	20	096	138.86
859-010CBR	1	10	0	096	154.66
859-012CBR	1-1/4	5	0	096	259.26
859-015CBR	1-1/2	5	0	096	294.62
859-020CBR	2	5	0	096	332.98

Not intended to convey or dispense water for human consumption through drinking or cooking

### Union

Soc x Fipt with Brass Thread Insert & EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-007CBR	3/4	10	40	096	136.51
899-010CBR	1	10	0	096	152.76
899-012CBR	1-1/4	5	20	096	255.99
899-015CBR	1-1/2	5	0	096	290.86
899-020CBR	2	5	0	096	328.90

Not intended to convey or dispense water for human consumption through drinking or cooking

## Transition Fittings & Adapters CPVC Orange Special Reinforced (SR) Fittings



The CPVC Orange fittings in this section (4200 series part numbers) are approved by Underwriters Laboratories, FM Global, and LPCB for use in CPVC Fire Sprinkler Systems. When installed in these systems, installation must be made in accordance with Spears® publication FG-3, *FlameGuard® CPVC Fire Sprinkler Products Installation Instructions*, and local codes. However, these fittings can also be used in many other types of installations, such as hot water distribution. CPVC fittings may also be used on PVC pipe when installed with a quality CPVC solvent cement meeting the requirements of ASTM F 493, Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Sprinkler Head Tee - Special Reinforced Plastic Thread Style with Wrench Flats

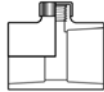
Socket x Socket x SR FIPT - Zinc Collar



4202-010SR	1	15	0	076	19.38
4202-130SR	1X1/2	50	0	076	7.55

### Sprinkler Head Tee - Special Reinforced Plastic Thread Style

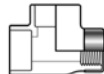
Socket x Socket x SR FIPT - Stainless Steel Collar



4202-101SR	3/4X1/2	50	0	076	6.99
4202-124SR	1X3/4X1/2	50	0	076	7.55
4202-156SR	1-1/4X1X1/2	15	0	076	12.59
4202-166SR	1-1/4X1/2	15	0	076	12.59
4202-168SR	1-1/4X1	15	0	076	27.06
4202-199SR	1-1/2X1-1/4X1/2	10	0	076	16.57
4202-209SR	1-1/2X1/2	25	0	076	16.57
4202-211SR	1-1/2X1-1/2X1	10	0	076	16.57
4202-237SR	2X1-1/2X1/2	10	0	076	23.38
4202-247SR	2X1/2	10	0	076	23.38
4202-287SR	2-1/2X1/2	10	0	076	32.04

### Sprinkler Head Tee - Special Reinforced Plastic Thread Style

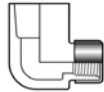
Socket x SR FIPT x Socket - Stainless Steel Collar



4203-122SR	1X1/2X1	50	0	076	8.11
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### Sprinkler Head 90° EII - Special Reinforced Plastic Thread Style

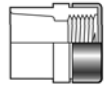
Socket x SR FIPT - Stainless Steel Collar



4207-101SR	3/4X1/2	20	180	076	4.61
4207-130SR	1X1/2	10	150	076	6.50
4207-131SR	1X3/4	50	0	076	7.86
4207-166SR	1-1/4X1/2	25	0	076	8.26

### Female Adapter - Special Reinforced Plastic Thread Style

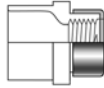
Socket x SR FIPT - Stainless Steel Collar



4235-007SR	3/4	25	300	076	8.22
4235-010SR	1	25	200	076	14.45
4235-012SR	1-1/4	10	60	076	23.52

### Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style

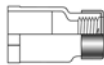
Socket x SR FIPT - Stainless Steel Collar



4235-101SR	3/4X1/2	50	200	076	5.02
4235-130SR	1X1/2	50	0	076	5.37
4235-131SR	1X3/4	50	0	076	8.50

### Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style with Socket Body Wrench Flats

Socket x SR FIPT - Stainless Steel Collar

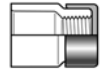


W4235-101SR	3/4X1/2	50	0	076	5.73
W4235-130SR	1X1/2	50	0	076	6.13

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Female Sprinkler Head Adapter - Special Reinforced Plastic Thread with Metal Thread Start

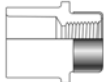
Socket x SR FIPT - Zinc Collar



Z4235-101SR	3/4X1/2	50	200	076	5.02
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### Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style with Positioning Ring

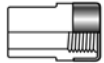
Socket x SR FIPT - Stainless Steel Collar



R4235-101SR	3/4X1/2	25	300	076	5.67
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### Spigot Female Sprinkler Head Adapters - Special Reinforced Plastic Threaded Style

Spigot x SR FIPT - Stainless Steel Collar



4238-101SR	3/4X1/2	50	400	076	5.02
4238-130SR	1X1/2	50	0	076	5.43

### Adjustable Sprinkler Head Adapters - Special Reinforced Plastic Thread Style

Socket x SR FIPT - Zinc Collar



42001SR	3/4X1/2	12	0	076	12.82
42011SR	1X1/2	12	0	076	12.82

### Adjustable Sprinkler Head Adapters - Special Reinforced Plastic Thread Style

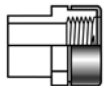
Spigot x SR FIPT - Zinc Collar



42004SR	3/4X1/2	12	0	076	12.82
42014SR	1X1/2	12	0	076	12.82

### Spigot Female Adapter - Special Reinforced Plastic Thread Style

Spigot x SR FIPT - Stainless Steel Collar



4278-007SR	3/4	25	300	076	8.63
4278-010SR	1	50	0	076	15.36





## Transition Fittings & Adapters CPVC Orange Brass Thread Fittings

The CPVC Orange fittings in this section (4200 series part numbers) are approved by Underwriters Laboratories, FM Global, and LPCB for use in CPVC Fire Sprinkler Systems. When installed in these systems, installation must be made in accordance with Spears® publication FG-3, *FlameGuard® CPVC Fire Sprinkler Products Installation Instructions*, and local codes. However, these fittings can also be used in many other types of installations, such as hot water distribution. CPVC fittings may also be used on PVC pipe when installed with a quality CPVC solvent cement meeting the requirements of ASTM F 493, Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Sprinkler Head Tee - Brass Thread Insert Style Socket x Socket x FIPT



4202-101	3/4X1/2	50	0	076	13.14
4202-124	1X3/4X1/2	50	0	076	14.18
4202-130	1X1/2	50	0	076	14.18
4202-010	1	10	40	076	36.47
4202-156	1-1/4X1X1/2	15	0	076	23.65
4202-166	1-1/4X1/2	15	0	076	23.65
4202-199	1-1/2X1-1/4X1/2	10	0	076	31.15
4202-209	1-1/2X1/2	10	0	076	31.15
4202-237	2X1-1/2X1/2	10	0	076	43.93
4202-247	2X1/2	10	0	076	43.93

Not intended to convey or dispense water for human consumption through drinking or cooking

### Sprinkler Head Tee - Brass Thread Insert Style Socket x FIPT x Socket



4203-122	1X1/2X1	50	0	076	23.29
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Not intended to convey or dispense water for human consumption through drinking or cooking

### Sprinkler Head 90° Ell - Brass Thread Insert Style



Socket x FIPT

4207-101	3/4X1/2	20	120	076	8.68
4207-130	1X1/2	15	90	076	12.20
4207-131	1X3/4	25	0	076	14.76
4207-166	1-1/4X1/2	10	60	076	16.99

Not intended to convey or dispense water for human consumption through drinking or cooking

### Female Adapter - Brass Thread Insert Style Socket x FIPT



4235-007	3/4	15	90	076	17.32
4235-010	1	15	90	076	30.39
4235-012	1-1/4	15	60	076	49.54
4235-015	1-1/2	10	40	076	66.09
4235-020	2	8	32	076	82.83

Not intended to convey or dispense water for human consumption through drinking or cooking

### Spigot Female Adapter - Brass Thread Insert Style



Spigot x FIPT

4278-007	3/4	25	150	076	16.20
4278-010	1	15	90	076	28.85

Not intended to convey or dispense water for human consumption through drinking or cooking

### TorqueSafe™ Female Sprinkler Head Adapter - Gasket Sealed Brass Thread Insert Style



Socket x Gasket FIPT

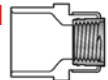
4235-130GS	1X1/2	50	0	076	10.10
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FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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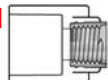
### Female Sprinkler Head Adapter - Brass Thread Insert Style Socket x FIPT



4235-101	3/4X1/2	50	0	076	9.46
4235-130	1X1/2	50	0	076	10.10
4235-131	1X3/4	50	0	076	15.96

Not intended to convey or dispense water for human consumption through drinking or cooking

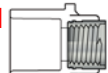
### Female Sprinkler Head Adapter - Brass Thread Insert Style with Long Body Socket x FIPT



L4235-130	1X1/2	50	0	076	14.32
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Not intended to convey or dispense water for human consumption through drinking or cooking

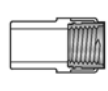
### Female Sprinkler Head Adapter - Brass Thread Insert Style with Positioning Ring Socket x FIPT



R4235-101	3/4X1/2	50	0	076	9.46
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Not intended to convey or dispense water for human consumption through drinking or cooking

### Spigot Female Sprinkler Head Adapters - Brass Thread Insert Style



Spigot x FIPT

4238-101	3/4X1/2	50	0	076	9.46
4238-130	1X1/2	50	0	076	10.10

Not intended to convey or dispense water for human consumption through drinking or cooking

### Bushing - with Brass Thread Insert Spigot x FIPT



4238-130BR	1X1/2	50	300	076	13.07
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Not intended to convey or dispense water for human consumption through drinking or cooking

### Male Adapter MIPT x Socket



4236-007	3/4	40	160	076	38.97
4236-010	1	10	60	076	59.58
4236-012	1-1/4	10	60	076	71.25
4236-015	1-1/2	10	40	076	129.31
4236-020	2	8	32	076	172.08

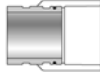


**Transition Fittings & Adapters**  
**CPVC Orange Brass Grooved Coupling Adapter**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Grooved Coupling Adapter**  
 Brass Groove End x Socket



4233-012	<b>1-1/4</b>	10	40	076	97.98
4233-015	<b>1-1/2</b>	10	40	076	103.84
4233-020	<b>2</b>	8	32	076	120.27
4233-025	<b>2-1/2</b>	5	0	076	154.27
4233-030	<b>3</b>	5	0	076	171.50

Not intended to convey or dispense water for human consumption through drinking or cooking



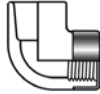
**Transition Fittings & Adapters**  
**CTS CPVC Tan Special Reinforced (SR) Fittings & CTS CPVC Tan Brass Thread Fittings**

**CTS CPVC Tan Special Reinforced (SR) Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**SPECIAL REINFORCED 90° ELL**

Socket x SR Fipt - Stainless Steel Collar



4107-005SR	1/2	50	300	035	8.56
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**ZINC DROP EAR REINFORCED CTS 90° ELL (One Piece Unit)**

Socket x SR Fipt - Zinc Collar



DEZ4107-005SR	1/2	10	150	035	19.25
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**DROP EAR SPECIAL REINFORCED 90° ELL (Fitting Plus Bracket)**

Socket x SR Fipt - Stainless Steel Collar

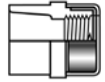


DE4107-005SR	1/2	10	200	035	13.23
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**SPECIAL REINFORCED FEMALE ADAPTER**

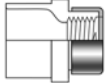
Socket x SR Fipt - Stainless Steel Collar



4135-005SR	1/2	25	200	035	6.61
4135-007SR	3/4	25	300	035	7.27
4135-010SR	1	5	100	035	9.22

**SPECIAL REINFORCED REDUCING FEMALE ADAPTER**

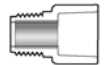
Socket x SR Fipt - Stainless Steel Collar



4135-131SR	1X3/4	25	150	035	14.52
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**REINFORCED MALE ADAPTER (Internal Stainless Steel Reinforced)**

R Mipt x Socket - Stainless Steel Sleeve



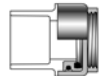
4136-005R	1/2	25	300	035	8.48
4136-007R	3/4	25	300	035	9.43
4136-010R	1	10	120	035	14.05

**CTS CPVC Tan Brass Thread Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**GASKET SEALED BRASS THREAD TRANSITION FEMALE ADAPTER**

Socket x Gasket FPT - Use NO Thread Sealant

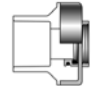


NSF Certified Lead Free

4135-005BRG	1/2	25	150	035	38.20
4135-007BRG	3/4	25	150	035	42.07
4135-010BRG	1	15	90	035	125.49
4135-012BRG	1-1/4	15	60	035	238.42
4135-015BRG	1-1/2	10	40	035	310.76
4135-020BRG	2	8	32	035	456.90

**GASKET SEALED BRASS THREAD TRANSITION REDUCING FEMALE ADAPTER**

Socket x Gasket FPT - Use NO Thread Sealant



NSF Certified Lead Free

4135-101BRG	3/4X1/2	25	150	035	41.58
4135-130BRG	1X1/2	50	0	035	65.69

**TRANSITION MALE ADAPTER w/BRASS THREAD**

Brass Mipt x Socket



NSF Certified Lead Free

4136-005BR	1/2	60	360	035	38.20
4136-007BR	3/4	40	160	035	42.07
4136-010BR	1	10	60	035	125.49
4136-012BR	1-1/4	10	60	035	154.77
4136-015BR	1-1/2	10	40	035	204.31
4136-020BR	2	8	32	035	339.62

**Transition Fittings & Adapters**  
**CTS CPVC Tan Gasket Sealed Thread Fittings & Blue 75™ Thread Sealant**



**CTS CPVC Tan Gasket Sealed Thread Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**FEMALE ADAPTER with Gasket**  
**Socket x NPSC**



For Cold Water Service Only

4135-005OR	<b>1/2</b>	25	200	035	4.47
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**FEMALE ADAPTER with Gasket (continued)**  
**Socket x NPSC**

4135-007OR	<b>3/4</b>	25	300	035	6.35
4135-010OR	<b>1</b>	5	100	035	7.24

**Blue 75™ Thread Sealant**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Blue 75™ Thread Sealant**

SB75-005	<b>1/4 Pint</b>	24	0	895	9.94
SB75-010	<b>1/2 Pint</b>	24	0	895	15.83
SB75-020	<b>Pint</b>	12	0	895	25.59
SB75-030	<b>Quart</b>	12	0	895	45.99



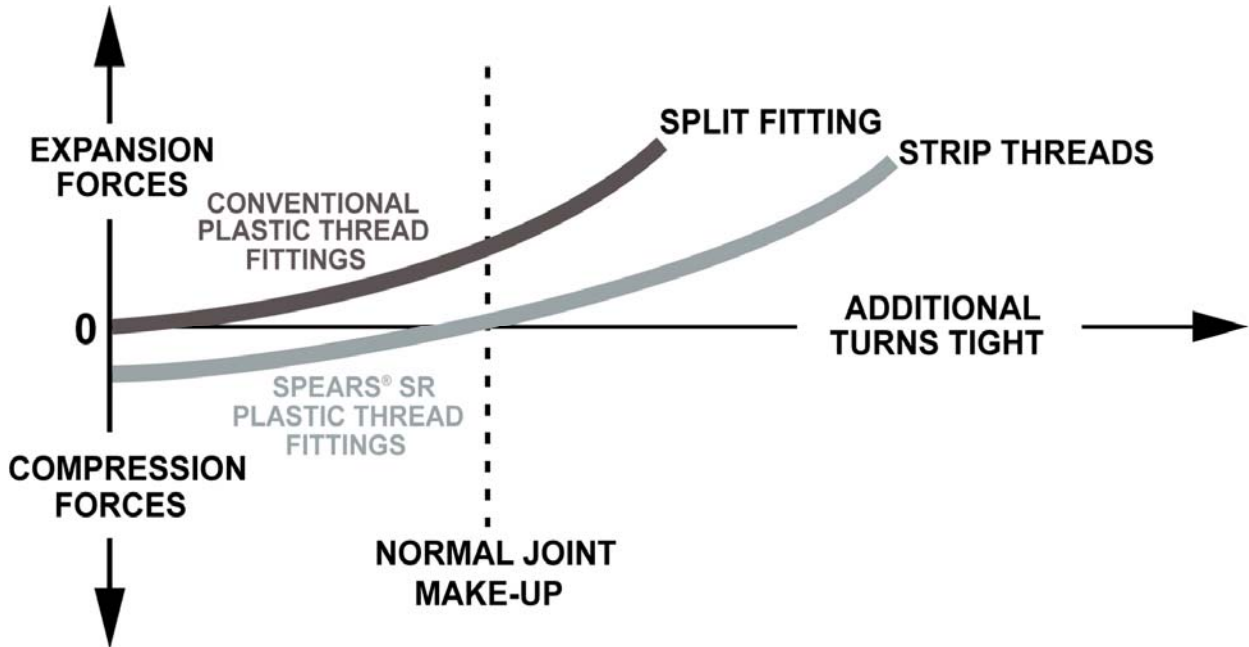
**Polypropylene Fittings & Accessories**  
**Polypropylene Schedule 80 Natural & Black SR Threaded Fittings**



- Featuring Patented Special Reinforced (SR) Thread
- Full 150 psi Pressure Rating at 73°F (23°C)
- High Grade Homopolymer Compound
- Excellent Chemical Resistance
- IPS Sizes 1/2" through 2"

**Spears® Patented SR Fitting Design is One of the Most Significant Improvements in Threaded Thermoplastic Fittings . . .**

Radial stress generated by tightening of tapered pipe threads exerts tremendous expansion forces on female plastic thread fittings. When subjected to over-tightening — even accidentally — these forces can literally split the fitting. Spears® patented SR Fitting design not only alleviates this problem by containing expansion forces with its stainless steel collar, but additionally compensates for expansion stress through thermoplastic material compression. Stresses are equalized at normal joint make-up. The following graph illustrates this effect in a comparison of conventional plastic female thread fittings with Spears® SR plastic thread fittings when taken to failure.



Another Quality Spears® Product Designed for  
 Performance, Customer Satisfaction and Service

**Polypropylene Fittings & Accessories**  
**Polypropylene Schedule 80 Natural SR Threaded Fittings & Polypropylene Schedule 80 Black SR Threaded Fittings**



**Polypropylene Schedule 80 Natural SR Threaded Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee - Natural SR Fipt**



4805-005SR	1/2	25	200	060	13.28
4805-007SR	3/4	15	120	060	14.74
4805-010SR	1	15	0	060	17.55
4805-015SR	1-1/2	10	0	060	26.01
4805-020SR	2	10	0	060	34.38

**90° Ell - Natural SR Fipt**



4808-005SR	1/2	20	240	060	10.79
4808-007SR	3/4	20	240	060	13.12
4808-010SR	1	50	0	060	16.21
4808-015SR	1-1/2	10	0	060	21.97
4808-020SR	2	25	0	060	29.89

**45° Ell - Natural SR Fipt**



4819-005SR	1/2	50	400	060	13.59
4819-007SR	3/4	50	300	060	15.29
4819-010SR	1	50	0	060	16.15
4819-015SR	1-1/2	25	0	060	21.97
4819-020SR	2	25	0	060	29.89

**Coupling - Natural SR Fipt**



4830-005SR	1/2	25	300	060	10.23
4830-007SR	3/4	25	300	060	12.81
4830-010SR	1	25	200	060	14.13
4830-015SR	1-1/2	10	80	060	18.47
4830-020SR	2	10	0	060	22.20

**T.T. Bushing - Natural Mipt x Fipt**



4839-101	3/4X1/2	10	300	060	15.83
4839-130	1X1/2	10	50	060	19.33
4839-131	1X3/4	10	50	060	19.33
4839-211	1-1/2X1	10	120	060	34.16
4839-249	2X1	10	50	060	49.52
4839-251	2X1-1/2	10	120	060	49.52

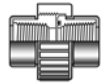
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cap - Natural SR Fipt**



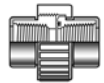
4848-005SR	1/2	50	300	060	9.70
4848-007SR	3/4	50	300	060	12.72
4848-010SR	1	15	180	060	14.13
4848-015SR	1-1/2	10	120	060	19.71
4848-020SR	2	10	80	060	22.20

**Union - Natural SR Fipt with Viton® O-ring**



4858-005SR	1/2	20	120	060	47.67
4858-007SR	3/4	20	80	060	51.95
4858-010SR	1	15	90	060	64.31
4858-015SR	1-1/2	10	0	060	97.41
4858-020SR	2	5	0	060	142.26

**Union - Natural SR Fipt with EPDM O-ring**



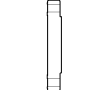
4898-005SR	1/2	20	120	060	46.73
4898-007SR	3/4	20	80	060	50.91
4898-010SR	1	15	90	060	63.02
4898-015SR	1-1/2	10	0	060	95.47
4898-020SR	2	5	0	060	139.41

**Flange - Natural SR Fipt**



4852-005SR	1/2	25	0	060	29.78
4852-007SR	3/4	25	0	060	32.27
4852-010SR	1	15	0	060	36.18
4852-015SR	1-1/2	15	0	060	50.72
4852-020SR	2	10	0	060	59.85

**Blind Flange - Natural**



4853-005	1/2	25	0	060	49.83
4853-007	3/4	25	0	060	51.47
4853-010	1	15	0	060	54.62
4853-015	1-1/2	15	0	060	90.20
4853-020	2	10	0	060	98.33

**Polypropylene Schedule 80 Black SR Threaded Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee - Black SR Fipt**



4805-005BSR	1/2	25	200	061	12.29
4805-007BSR	3/4	15	120	061	13.70
4805-010BSR	1	15	0	061	16.20
4805-015BSR	1-1/2	10	0	061	24.03
4805-020BSR	2	10	0	061	31.87

**90° Ell - Black SR Fipt**



4808-005BSR	1/2	20	240	061	10.03
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° Ell - Black (continued) SR Fipt**

4808-007BSR	3/4	20	240	061	12.19
4808-010BSR	1	50	0	061	15.02
4808-015BSR	1-1/2	25	0	061	20.27
4808-020BSR	2	10	0	061	27.60

**45° Ell - Black SR Fipt**



4819-005BSR	1/2	50	400	061	12.55
4819-007BSR	3/4	50	300	061	14.18
4819-010BSR	1	50	0	061	14.95
4819-015BSR	1-1/2	25	0	061	20.27

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
 Progressive Products from Spears® Innovation and Technology



**Polypropylene Fittings & Accessories**  
**Polypropylene Schedule 80 Black SR Threaded Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**45° Ell - Black (continued)**

SR Fipt

4819-020BSR	2	25	0	061	27.60
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**Coupling - Black**

SR Fipt



4830-005BSR	1/2	25	300	061	9.52
4830-007BSR	3/4	25	300	061	11.87
4830-010BSR	1	25	200	061	13.05
4830-015BSR	1-1/2	10	80	061	17.09
4830-020BSR	2	10	0	061	20.53

**T.T. Bushing - Black**

Mipt x Fipt



4839-101B	3/4X1/2	10	300	061	14.71
4839-130B	1X1/2	10	50	061	17.93
4839-131B	1X3/4	10	50	061	17.93
4839-211B	1-1/2X1	25	0	061	31.56
4839-249B	2X1	10	120	061	45.73
4839-251B	2X1-1/2	10	120	061	45.73

**Cap - Black**

SR Fipt



4848-005BSR	1/2	50	300	061	9.02
4848-007BSR	3/4	50	300	061	11.87
4848-010BSR	1	15	180	061	13.06
4848-015BSR	1-1/2	10	120	061	18.23
4848-020BSR	2	10	80	061	20.53

**Union - Black**

SR Fipt with Viton® O-ring



4858-005BSR	1/2	20	120	061	45.14
4858-007BSR	3/4	20	80	061	48.93
4858-010BSR	1	15	90	061	60.35
4858-015BSR	1-1/2	10	0	061	87.62
4858-020BSR	2	5	0	061	136.73

**Union - Black**

SR Fipt with EPDM O-ring



4898-005BSR	1/2	20	120	061	43.31
4898-007BSR	3/4	20	80	061	47.46
4898-010BSR	1	15	90	061	58.37
4898-015BSR	1-1/2	10	0	061	88.41
4898-020BSR	2	5	0	061	130.53

**Flange - Black**

SR Fipt



4852-005BSR	1/2	25	0	061	27.56
4852-007BSR	3/4	25	0	061	29.79
4852-010BSR	1	15	0	061	33.41
4852-015BSR	1-1/2	15	0	061	46.93
4852-020BSR	2	10	0	061	55.33

**Blind Flange - Black**

4853-005B	1/2	25	0	061	46.05
4853-007B	3/4	25	0	061	47.09
4853-010B	1	15	0	061	50.47
4853-015B	1-1/2	15	0	061	83.49

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Blind Flange - Black (continued)**

4853-020B	2	10	0	061	92.13
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## Polypropylene Fittings & Accessories Gauge Guards



Connections use Spears® Patented Special Reinforced (SR)  
Female Threads on Pressure Inlet (1/4" or 1/2")

Pressure Rating  
235 psi @ 73°F  
16 BAR @ 22°C  
Maximum Service Temperature  
PP = 180°F (82°C)  
Temperature/Pressure De-ratings Apply  
Rated for Full Vacuum Service

Gauge Guards are pre-filled with glycerin-water  
on units with Factory Installed Gauges.  
"No Gauge" units are to be filled by end user.

### PP GAUGE GUARDS

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
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#### PTFE Diaphragm

No Gauge	G0004-002P <b>115.43</b>	G0004-005P <b>115.43</b>	1	18	626
0-30 in-Hg	G30V4-002P <b>177.34</b>	G30V4-005P <b>177.34</b>	1	18	626
0-15 psi	G0154-002P <b>168.66</b>	G0154-005P <b>168.66</b>	1	18	626
0-30 psi	G0304-002P <b>168.66</b>	G0304-005P <b>168.66</b>	1	18	626
0-60 psi	G0604-002P <b>168.66</b>	G0604-005P <b>168.66</b>	1	18	626
0-100 psi	G1004-002P <b>168.66</b>	G1004-005P <b>168.66</b>	1	18	626
0-160 psi	G1604-002P <b>168.66</b>	G1604-005P <b>168.66</b>	1	18	626
0-200 psi	G2004-002P <b>168.66</b>	G2004-005P <b>168.66</b>	1	18	626
0-300 psi	G3004-002P <b>168.66</b>	G3004-005P <b>168.66</b>	1	18	626

#### Viton® Diaphragm

No Gauge	G0003-002P <b>115.43</b>	G0003-005P <b>115.43</b>	1	18	626
0-30 in-Hg	G30V3-002P <b>177.34</b>	G30V3-005P <b>177.34</b>	1	18	626
0-15 psi	G0153-002P <b>168.66</b>	G0153-005P <b>168.66</b>	1	18	626
0-30 psi	G0303-002P <b>168.66</b>	G0303-005P <b>168.66</b>	1	18	626
0-60 psi	G0603-002P <b>168.66</b>	G0603-005P <b>168.66</b>	1	18	626
0-100 psi	G1003-002P <b>168.66</b>	G1003-005P <b>168.66</b>	1	18	626
0-160 psi	G1603-002P <b>168.66</b>	G1603-005P <b>168.66</b>	1	18	626
0-200 psi	G2003-002P <b>168.66</b>	G2003-005P <b>168.66</b>	1	18	626
0-300 psi	G3003-002P <b>168.66</b>	G3003-005P <b>168.66</b>	1	18	626

#### EPDM Diaphragm

No Gauge	G0002-002P <b>110.87</b>	G0002-005P <b>110.87</b>	1	18	626
0-30 in-Hg	G30V2-002P <b>170.22</b>	G30V2-005P <b>170.22</b>	1	18	626
0-15 psi	G0152-002P <b>161.98</b>	G0152-005P <b>161.98</b>	1	18	626
0-30 psi	G0302-002P <b>161.98</b>	G0302-005P <b>161.98</b>	1	18	626
0-60 psi	G0602-002P <b>161.98</b>	G0602-005P <b>161.98</b>	1	18	626
0-100 psi	G1002-002P <b>161.98</b>	G1002-005P <b>161.98</b>	1	18	626
0-160 psi	G1602-002P <b>161.98</b>	G1602-005P <b>161.98</b>	1	18	626
0-200 psi	G2002-002P <b>161.98</b>	G2002-005P <b>161.98</b>	1	18	626
0-300 psi	G3002-002P <b>161.98</b>	G3002-005P <b>161.98</b>	1	18	626



Polypropylene Fittings & Accessories  
Needle Valves



Pressure Rating @ 73°F (23°C), Water  
150 psi  
Maximum Service Temperature  
PP = 180°F (82°C)  
Solid PTFE Stem Seals  
No Elastomer or Lubricants used  
Valves include Panel Mounting Nut

**PP Needle Valve**

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
------	----------	--------	-------------	--------	---------	-----------

**Globe Pattern**

1/4	5591-002P 74.61	---	---	1	18	219
3/8	5591-003P 74.61	---	---	1	18	219
1/2	---	---	5591-005PSR 82.51	1	18	219

**Angle Pattern**

1/4	5691-002P 74.61	---	---	1	18	219
3/8	5691-003P 74.61	---	---	1	18	219
1/2	---	---	5691-005PSR 82.51	1	18	219

## Polypropylene Fittings & Accessories Industrial Swing Check Valves



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4"

Pressure Rating @ 73°F (23°C), Water  
 3/4" - 4" 150 psi  
 6" 100 psi  
 8" 70 psi  
 Maximum Service Temperature  
 PP = 180°F (82°C)  
 Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free Lubricants



Bolted Bonnet on Sizes 1-1/2" & Up

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

### Industrial Swing Check Valves

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>3/4</b>	4423-007P <b>535.13</b>	4433-007P <b>594.57</b>	1	12	113
<b>1</b>	4423-010P <b>640.18</b>	4433-010P <b>697.72</b>	1	4	113
<b>1-1/4</b>	4423-012P <b>767.27</b>	4433-012P <b>852.44</b>	1	0	113
<b>1-1/2</b>	4423-015P <b>952.63</b>	4433-015P <b>1036.60</b>	1	0	113
<b>2</b>	4423-020P <b>1018.54</b>	4433-020P <b>1144.43</b>	1	0	113
<b>2-1/2</b>	4423-025P <b>1695.87</b>	4433-025P <b>1886.40</b>	1	0	112
<b>3</b>	4423-030P <b>1782.89</b>	4433-030P <b>2131.95</b>	1	0	112
<b>4</b>	4423-040P <b>2425.12</b>	4433-040P <b>2691.87</b>	1	0	112
<b>6</b>	4423-060P <b>4593.89</b>	4433-060P <b>5108.35</b>	1	0	112
<b>8</b>	4423-080P <b>8793.37</b>	4433-080P <b>9663.09</b>	1	0	112

### Swing Check Valve With Counter Balance (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>1-1/4</b>	4423CB-012P <b>836.13</b>	4433CB-012P <b>1286.64</b>	1	0	113
<b>1-1/2</b>	4423CB-015P <b>1181.87</b>	4433CB-015P <b>1586.97</b>	1	0	113
<b>2</b>	4423CB-020P <b>1273.18</b>	4433CB-020P <b>1430.53</b>	1	0	113
<b>2-1/2</b>	4423CB-025P <b>1965.59</b>	4433CB-025P <b>2414.59</b>	1	0	112
<b>3</b>	4423CB-030P <b>2391.55</b>	4433CB-030P <b>2992.20</b>	1	0	112
<b>4</b>	4423CB-040P <b>2738.68</b>	4433CB-040P <b>3008.65</b>	1	0	112
<b>6</b>	4423CB-060P <b>5095.38</b>	4433CB-060P <b>6538.68</b>	1	0	112
<b>8</b>	4423CB-080P <b>9302.09</b>	4433CB-080P <b>10171.82</b>	1	0	112

### Swing Check Valve With Arrow Indicator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>3/4</b>	4423I-007P <b>542.77</b>	4433I-007P <b>602.22</b>	1	12	113
<b>1</b>	4423I-010P <b>650.88</b>	4433I-010P <b>751.28</b>	1	4	113
<b>1-1/4</b>	4423I-012P <b>836.13</b>	4433I-012P <b>928.14</b>	1	0	113
<b>1-1/2</b>	4423I-015P <b>1074.85</b>	4433I-015P <b>928.14</b>	1	0	113
<b>2</b>	4423I-020P <b>1046.65</b>	4433I-020P <b>1186.88</b>	1	0	113
<b>2-1/2</b>	4423I-025P <b>1705.73</b>	4433I-025P <b>1911.57</b>	1	0	112
<b>3</b>	4423I-030P <b>2125.84</b>	4433I-030P <b>2218.84</b>	1	0	112
<b>4</b>	4423I-040P <b>2434.99</b>	4433I-040P <b>2701.78</b>	1	0	112
<b>6</b>	4423I-060P <b>4693.04</b>	4433I-060P <b>5151.40</b>	1	0	112
<b>8</b>	4423I-080P <b>8858.86</b>	4433I-080P <b>9760.76</b>	1	0	112

### Swing Check Valve With Counter Balance

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>3/4</b>	4423CB-007P <b>684.96</b>	4433CB-007P <b>761.05</b>	1	12	113
<b>1</b>	4423CB-010P <b>819.40</b>	4433CB-010P <b>893.06</b>	1	4	113



## Polypropylene Fittings & Accessories Polypropylene Butterfly Valves



Lever Handle Style

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits Section for Additional Options and Features

### Lever Handle

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	721311-015P 479.21	722311-015P 479.21	723311-015P 995.52	1	0	256
	721311-020P 484.05	722311-020P 484.05	723311-020P 1015.84	1	0	256
2-1/2	721311-025P 505.90	722311-025P 505.90	723311-025P 1033.17	1	0	256
	721311-030P 516.60	722311-030P 516.60	723311-030P 1053.40	1	0	256
4	721311-040P 576.09	722311-040P 576.09	723311-040P 1315.32	1	0	256
6	721311-060P 900.17	722311-060P 900.17	723311-060P 2079.82	1	0	256
8	721311-080P 1530.85	722311-080P 1530.85	723311-080P 3531.49	1	0	256

### Gear Operator

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	721321-020P 1377.88	722321-020P 1377.88	723321-020P 1751.52	1	0	256
2-1/2	721321-025P 1396.22	722321-025P 1396.22	723321-025P 1843.49	1	0	256
	721321-030P 1423.13	722321-030P 1423.13	723321-030P 1936.81	1	0	256
4	721321-040P 1516.28	722321-040P 1516.28	723321-040P 2203.06	1	0	256
6	721321-060P 1771.23	722321-060P 1771.23	723321-060P 2981.33	1	0	256
8	721321-080P 2420.47	722321-080P 2420.47	723321-080P 4451.30	1	0	256
10	721321-100P 3254.62	722321-100P 3254.62	723321-100P 7242.06	1	0	256
12	721321-120P 4506.98	722321-120P 4506.98	723321-120P 10584.19	1	0	256

### Valve Only

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	721301-015P 442.88	722301-015P 442.88	723301-015P 878.52	1	0	256
	721301-020P 451.91	722301-020P 451.91	723301-020P 894.48	1	0	256
2-1/2	721301-025P 469.26	722301-025P 469.26	723301-025P 927.50	1	0	256
	721301-030P 483.85	722301-030P 483.85	723301-030P 951.80	1	0	256
4	721301-040P 553.54	722301-040P 553.54	723301-040P 1180.62	1	0	256
6	721301-060P 846.49	722301-060P 846.49	723301-060P 1909.59	1	0	256
8	721301-080P 1454.65	722301-080P 1454.65	723301-080P 3234.30	1	0	256
10	721301-100P 2905.46	722301-100P 2905.46	723301-100P 6481.34	1	0	256
12	721301-120P 3759.51	722301-120P 3759.51	723301-120P 9257.68	1	0	256

**Polypropylene Fittings & Accessories  
Large Diameter Butterfly Valves**



Maximum Service Temperature  
PP = 180°F (82°C)  
Temperature/Pressure De-ratings Apply  
Contact Spears® for Custom Produced Valve Sizes 30" to 60"

**Pressure Rating @ 73°F (23°C), Water**

Size	Psi
14	100
16	85
18	70
20	50
24	50



**Polypropylene - Gear Operator**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>14</b>	722321-140P <b>6062.70</b>	723321-140P <b>14732.91</b>	1	0	257
<b>16</b>	722321-160P <b>23639.20</b>	723321-160P <b>25605.47</b>	1	0	257
<b>18</b>	722321-180P <b>26039.51</b>	723321-180P <b>29834.86</b>	1	0	257
<b>20</b>	722321-200P <b>29215.80</b>	723321-200P <b>35512.53</b>	1	0	257
<b>24</b>	722321-240P <b>33092.72</b>	723321-240P <b>47739.89</b>	1	0	257



## Polypropylene Fittings & Accessories Diaphragm Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 1/2" - 4" Flanged  
 & Valves w/PTFE 150 psi  
 Diaphragms  
 6" 100 psi  
 8" 75 psi  
 Maximum Service Temperature  
 PP = 180°F (82°C)  
 Temperature/Pressure De-ratings Apply  
 No Lubricants in Media Contact Area  
 See Diaphragm Valve Repair Kits Section  
 for Additional Options and Features

Contact Spears® for Pricing on  
 Additional Specialty Diaphragms

- Hypalon®
- Hypalon® backed PTFE
- PTFE Encapsulated O-rings  
 (for True Union Style Valves)

PP Thread Style

### PP - SR Threaded Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2721-005PSR <b>134.82</b>	2731-005PSR <b>149.99</b>	2721T-005PSR <b>215.53</b>	2731T-005PSR <b>226.88</b>	2731VT-005PSR <b>256.59</b>	1	12	280
<b>3/4</b>	2721-007PSR <b>153.55</b>	2731-007PSR <b>170.35</b>	2721T-007PSR <b>225.65</b>	2731T-007PSR <b>239.43</b>	2731VT-007PSR <b>281.09</b>	1	8	280
<b>1</b>	2721-010PSR <b>189.94</b>	2731-010PSR <b>209.28</b>	2721T-010PSR <b>328.95</b>	2731T-010PSR <b>346.06</b>	2731VT-010PSR <b>365.13</b>	1	8	280
<b>1-1/4</b>	2721-012PSR <b>288.47</b>	2731-012PSR <b>321.22</b>	2721T-012PSR <b>450.38</b>	2731T-012PSR <b>472.19</b>	2731VT-012PSR <b>524.01</b>	1	4	280
<b>1-1/2</b>	2721-015PSR <b>301.74</b>	2731-015PSR <b>334.96</b>	2721T-015PSR <b>480.29</b>	2731T-015PSR <b>503.60</b>	2731VT-015PSR <b>542.39</b>	1	4	280
<b>2</b>	2721-020PSR <b>350.94</b>	2731-020PSR <b>390.00</b>	2721T-020PSR <b>547.97</b>	2731T-020PSR <b>574.95</b>	2731VT-020PSR <b>624.86</b>	1	0	280

### PP - Flanged Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	2723-025P <b>646.52</b>	2733-025P <b>714.46</b>	2793T-025P <b>1017.22</b>	2793VT-025P <b>1136.01</b>	1	0	281
<b>3</b>	2723-030P <b>924.44</b>	2733-030P <b>1021.38</b>	2793T-030P <b>1406.76</b>	2793VT-030P <b>1568.65</b>	1	0	281
<b>4</b>	2723-040P <b>1330.17</b>	2733-040P <b>1464.46</b>	2793T-040P <b>1875.24</b>	2793VT-040P <b>2079.93</b>	1	0	281
<b>6</b>	2723-060P <b>3291.95</b>	2733-060P <b>3657.72</b>	2793T-060P <b>4699.95</b>	2793VT-060P <b>5312.49</b>	1	0	281
<b>8</b>	2723-080P <b>8195.43</b>	2733-080P <b>7378.19</b>	2793T-080P <b>8531.82</b>	2793VT-080P <b>14376.83</b>	1	0	281



## Thermoplastic Valves True Union 2000 Industrial Ball Valves



**Socket Style**



**SR Threaded Style**



**6" Lever Handle Style**

All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
Contact Spears® for Pricing on Custom Elastomer Seals

See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**Pressure Rating @ 73°F (23°C), Water**

1/2" - 4"	235 psi
6" - 8"	150 psi
All Flanged	150 psi

**Maximum Service Temperature**

PVC = 140°F (60°C)
CPVC = 200°F (93°C)
Temperature/Pressure De-ratings Apply
Rated for Vacuum Service

**Note:** Standard 6" Valve uses lockout type Lever-Style Handle for proper leverage. Non-locking T-Handle is more compact, but will increase difficulty of operation.  
True Union 2000 Industrial Ball Valves have Built-in Handle Lockouts (except 6" T-Handle Option)

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded &amp; Socket Ends</b>					
<b>1/2</b>	1829-005	1839-005	1	18	600
	<b>47.21</b>	<b>52.51</b>			
<b>3/4</b>	1829-007	1839-007	1	18	600
	<b>55.86</b>	<b>62.14</b>			
<b>1</b>	1829-010	1839-010	1	12	600
	<b>66.52</b>	<b>74.09</b>			
<b>1-1/4</b>	1829-012	1839-012	1	8	600
	<b>92.02</b>	<b>117.46</b>			
<b>1-1/2</b>	1829-015	1839-015	1	8	600
	<b>110.84</b>	<b>123.04</b>			
<b>2</b>	1829-020	1839-020	1	4	600
	<b>146.26</b>	<b>161.06</b>			

#### Socket Ends

<b>2-1/2</b>	1822-025	1832-025	1	0	601
	<b>281.15</b>	<b>380.96</b>			
<b>3</b>	1822-030	1832-030	1	0	601
	<b>370.67</b>	<b>411.86</b>			
<b>4</b>	1822-040	1832-040	1	0	601
	<b>626.28</b>	<b>695.87</b>			
<b>6</b>	1822-060	1832-060	1	0	612
	<b>1352.89</b>	<b>1501.36</b>			
<b>8</b>	1822-080	1832-080	1	0	612
	<b>1799.35</b>	<b>1996.81</b>			

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

#### Threaded Ends

<b>2-1/2</b>	1821-025	1831-025	1	0	601
	<b>281.15</b>	<b>380.96</b>			
<b>3</b>	1821-030	1831-030	1	0	601
	<b>370.67</b>	<b>411.86</b>			
<b>4</b>	1821-040	1831-040	1	0	601
	<b>626.28</b>	<b>695.87</b>			
<b>6</b>	1821-060	1831-060	1	0	612
	<b>1352.89</b>	<b>1501.36</b>			

#### SR Threaded Ends

<b>1/2</b>	1821-005SR	1831-005SR	1	18	600
	<b>48.21</b>	<b>53.54</b>			
<b>3/4</b>	1821-007SR	1831-007SR	1	18	600
	<b>58.29</b>	<b>64.60</b>			
<b>1</b>	1821-010SR	1831-010SR	1	12	600
	<b>68.96</b>	<b>76.53</b>			
<b>1-1/4</b>	1821-012SR	1831-012SR	1	8	600
	<b>99.35</b>	<b>124.80</b>			
<b>1-1/2</b>	1821-015SR	1831-015SR	1	8	600
	<b>118.73</b>	<b>130.93</b>			
<b>2</b>	1821-020SR	1831-020SR	1	4	600
	<b>154.80</b>	<b>169.44</b>			

### PVC Industrial (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>2-1/2</b>	1821-025SR	1831-025SR	1	0	601
	<b>304.12</b>	<b>403.90</b>			
<b>3</b>	1821-030SR	1831-030SR	1	0	601
	<b>393.65</b>	<b>434.83</b>			
<b>4</b>	1821-040SR	1831-040SR	1	0	601
	<b>653.10</b>	<b>722.69</b>			
<b>6</b>	1821-060SR	1831-060SR	1	0	612
	<b>1391.15</b>	<b>1539.60</b>			

#### Spigot Ends

<b>1/2</b>	1827-005	1837-005	1	18	600
	<b>47.21</b>	<b>52.51</b>			
<b>3/4</b>	1827-007	1837-007	1	18	600
	<b>55.86</b>	<b>62.14</b>			
<b>1</b>	1827-010	1837-010	1	12	600
	<b>66.52</b>	<b>74.09</b>			
<b>1-1/4</b>	1827-012	1837-012	1	8	600
	<b>92.02</b>	<b>117.46</b>			
<b>1-1/2</b>	1827-015	1837-015	1	8	600
	<b>110.84</b>	<b>123.04</b>			
<b>2</b>	1827-020	1837-020	1	4	600
	<b>146.26</b>	<b>161.06</b>			
<b>2-1/2</b>	1827-025	1837-025	1	0	601
	<b>281.15</b>	<b>380.96</b>			
<b>3</b>	1827-030	1837-030	1	0	601
	<b>370.67</b>	<b>411.86</b>			
<b>4</b>	1827-040	1837-040	1	0	601
	<b>626.28</b>	<b>695.87</b>			
<b>6</b>	1827-060	1837-060	1	0	612
	<b>1352.89</b>	<b>1501.36</b>			

#### Flanged Ends

<b>1/2</b>	1823-005	1833-005	1	8	600
	<b>67.53</b>	<b>72.02</b>			
<b>3/4</b>	1823-007	1833-007	1	8	600
	<b>85.54</b>	<b>93.05</b>			
<b>1</b>	1823-010	1833-010	1	8	600
	<b>103.53</b>	<b>111.35</b>			
<b>1-1/4</b>	1823-012	1833-012	1	8	600
	<b>121.57</b>	<b>135.06</b>			
<b>1-1/2</b>	1823-015	1833-015	1	4	600
	<b>153.10</b>	<b>166.59</b>			
<b>2</b>	1823-020	1833-020	1	0	600
	<b>243.78</b>	<b>258.56</b>			
<b>2-1/2</b>	1823-025	1833-025	1	0	601
	<b>450.21</b>	<b>457.66</b>			
<b>3</b>	1823-030	1833-030	1	0	601
	<b>497.62</b>	<b>617.83</b>			



## Thermoplastic Valves True Union 2000 Industrial Ball Valves

### PVC Industrial (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>4</b>	1823-040 <b>1000.54</b>	1833-040 <b>1159.79</b>	1	0	601
<b>6</b>	1823-060 <b>2130.35</b>	1833-060 <b>2470.10</b>	1	0	612
<b>8</b>	1823-080 <b>2833.36</b>	1833-080 <b>3285.23</b>	1	0	612

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

### PVC 6" Industrial T-Handle Valve Option (Non-Locking)

**NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket Ends

<b>6</b>	18226-060 <b>1352.89</b>	18326-060 <b>1501.36</b>	1	0	612
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#### Threaded Ends

<b>6</b>	18216-060 <b>1352.89</b>	18316-060 <b>1501.36</b>	1	0	612
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#### SR Threaded Ends

<b>6</b>	18216-060SR <b>1391.15</b>	18316-060SR <b>1539.60</b>	1	0	612
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#### Flanged Ends

<b>6</b>	18236-060 <b>2130.35</b>	18336-060 <b>2470.10</b>	1	0	612
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### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Threaded & Socket Ends

<b>1/2</b>	1829-005C <b>62.35</b>	1839-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1829-007C <b>78.52</b>	1839-007C <b>87.27</b>	1	18	602
<b>1</b>	1829-010C <b>93.48</b>	1839-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1829-012C <b>148.61</b>	1839-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1829-015C <b>156.95</b>	1839-015C <b>174.39</b>	1	8	602
<b>2</b>	1829-020C <b>209.90</b>	1839-020C <b>241.30</b>	1	4	602

#### Socket Ends

<b>2-1/2</b>	1822-025C <b>470.62</b>	1832-025C <b>522.88</b>	1	0	603
<b>3</b>	1822-030C <b>550.26</b>	1832-030C <b>611.45</b>	1	0	603
<b>4</b>	1822-040C <b>997.11</b>	1832-040C <b>1107.88</b>	1	0	603
<b>6</b>	1822-060C <b>2122.69</b>	1832-060C <b>2358.38</b>	1	0	613
<b>8</b>	1822-080C <b>2823.20</b>	1832-080C <b>3136.67</b>	1	0	613

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

#### Threaded Ends

<b>2-1/2</b>	1821-025C <b>470.62</b>	1831-025C <b>522.88</b>	1	0	603
<b>3</b>	1821-030C <b>550.26</b>	1831-030C <b>611.45</b>	1	0	603
<b>4</b>	1821-040C <b>997.11</b>	1831-040C <b>1107.88</b>	1	0	603
<b>6</b>	1821-060C <b>2122.69</b>	1831-060C <b>2358.38</b>	1	0	613

#### SR Threaded Ends

<b>1/2</b>	1821-005CSR <b>63.35</b>	1831-005CSR <b>70.29</b>	1	18	602
<b>3/4</b>	1821-007CSR <b>80.97</b>	1831-007CSR <b>89.71</b>	1	18	602
<b>1</b>	1821-010CSR <b>95.93</b>	1831-010CSR <b>106.29</b>	1	12	602

### CPVC Industrial (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1-1/4</b>	1821-012CSR <b>155.96</b>	1831-012CSR <b>172.52</b>	1	8	602
<b>1-1/2</b>	1821-015CSR <b>164.85</b>	1831-015CSR <b>182.26</b>	1	8	602
<b>2</b>	1821-020CSR <b>218.45</b>	1831-020CSR <b>249.85</b>	1	4	602
<b>2-1/2</b>	1821-025CSR <b>493.60</b>	1831-025CSR <b>545.85</b>	1	0	603
<b>3</b>	1821-030CSR <b>573.23</b>	1831-030CSR <b>634.41</b>	1	0	603
<b>4</b>	1821-040CSR <b>1023.91</b>	1831-040CSR <b>1134.72</b>	1	0	603
<b>6</b>	1821-060CSR <b>2180.86</b>	1831-060CSR <b>2416.54</b>	1	0	613

#### Spigot Ends

<b>1/2</b>	1827-005C <b>62.35</b>	1837-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1827-007C <b>78.52</b>	1837-007C <b>87.27</b>	1	18	602
<b>1</b>	1827-010C <b>93.48</b>	1837-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1827-012C <b>148.61</b>	1837-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1827-015C <b>156.95</b>	1837-015C <b>174.39</b>	1	8	602
<b>2</b>	1827-020C <b>209.90</b>	1837-020C <b>241.30</b>	1	4	602
<b>2-1/2</b>	1827-025C <b>470.62</b>	1837-025C <b>522.88</b>	1	0	603
<b>3</b>	1827-030C <b>550.26</b>	1837-030C <b>611.45</b>	1	0	603
<b>4</b>	1827-040C <b>997.11</b>	1837-040C <b>1107.88</b>	1	0	603
<b>6</b>	1827-060C <b>2122.69</b>	1837-060C <b>2358.38</b>	1	0	613

#### Flanged Ends

<b>1/2</b>	1823-005C <b>105.79</b>	1833-005C <b>108.07</b>	1	8	602
<b>3/4</b>	1823-007C <b>129.68</b>	1833-007C <b>135.06</b>	1	8	602
<b>1</b>	1823-010C <b>148.45</b>	1833-010C <b>157.59</b>	1	8	602
<b>1-1/4</b>	1823-012C <b>221.81</b>	1833-012C <b>229.60</b>	1	8	602
<b>1-1/2</b>	1823-015C <b>243.98</b>	1833-015C <b>252.11</b>	1	4	602
<b>2</b>	1823-020C <b>339.51</b>	1833-020C <b>404.35</b>	1	0	602
<b>2-1/2</b>	1823-025C <b>633.67</b>	1833-025C <b>760.61</b>	1	0	603
<b>3</b>	1823-030C <b>926.70</b>	1833-030C <b>947.83</b>	1	0	603
<b>4</b>	1823-040C <b>1625.28</b>	1833-040C <b>1690.28</b>	1	0	603
<b>6</b>	1823-060C <b>3461.83</b>	1833-060C <b>3599.57</b>	1	0	613
<b>8</b>	1823-080C <b>4604.22</b>	1833-080C <b>4787.41</b>	1	0	613

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

**CPVC 6" Industrial T-Handle Valve Option (Non-Locking) NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket Ends

<b>6</b>	18226-060C <b>2122.69</b>	18326-060C <b>2358.38</b>	1	0	613
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#### Threaded Ends

<b>6</b>	18216-060C <b>2122.69</b>	18316-060C <b>2358.38</b>	1	0	613
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**Thermoplastic Valves**  
**True Union 2000 Industrial Ball Valves & True Union 2000 Industrial Vented/Bleach Ball Valves**



**True Union 2000 Industrial Ball Valves**

**CPVC 6" Industrial T-Handle Valve Option (Non-Locking) NOTICE: T-Handle is more compact, but will greatly increase difficulty of operation.**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>6</b>	18216-060CSR <b>2180.86</b>	18316-060CSR <b>2416.54</b>	1	0	613
<b>Flanged Ends</b>					
<b>6</b>	18236-060C <b>3461.83</b>	18336-060C <b>3599.57</b>	1	0	613

**True Union 2000 Industrial Vented/Bleach Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" 150 psi  
 Flanged 150 psi

Same True Union 2000 Industrial Ball Valve with Special Ball Vent Design for Sodium Hypochlorite (Bleach) and other Chemical Applications where entrapped fluids may form caustic crystalline residues and pressure build up from gases developed. Valve has a 1/8" vent hole in ball to equalize internal fluid pressures. Install valve with ball vent on the pressure (upstream) side when in closed position.

All Valves assembled with Silicone-Free, Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Custom Elastomer Seals. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

**PVC True Union 2000 Industrial Vented/Bleach Ball Valves**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded &amp; Socket Ends</b>					
<b>1/2</b>	1829V-005 <b>55.53</b>	1839V-005 <b>61.81</b>	1	18	600
<b>3/4</b>	1829V-007 <b>65.71</b>	1839V-007 <b>73.09</b>	1	18	600
<b>1</b>	1829V-010 <b>78.27</b>	1839V-010 <b>87.16</b>	1	12	600
<b>1-1/4</b>	1829V-012 <b>108.27</b>	1839V-012 <b>138.18</b>	1	8	600
<b>1-1/2</b>	1829V-015 <b>130.39</b>	1839V-015 <b>144.76</b>	1	8	600
<b>2</b>	1829V-020 <b>172.06</b>	1839V-020 <b>189.49</b>	1	4	600

<b>Socket Ends</b>					
<b>2-1/2</b>	1822V-025 <b>330.76</b>	1832V-025 <b>448.17</b>	1	0	601
<b>3</b>	1822V-030 <b>370.67</b>	1832V-030 <b>484.53</b>	1	0	601
<b>4</b>	1822V-040 <b>626.28</b>	1832V-040 <b>818.66</b>	1	0	601
<b>6</b>	1822V-060 <b>1591.65</b>	1832V-060 <b>1876.69</b>	1	0	612

<b>SR Threaded Ends</b>					
<b>1/2</b>	1821V-005SR <b>56.73</b>	1831V-005SR <b>63.00</b>	1	18	600
<b>3/4</b>	1821V-007SR <b>68.57</b>	1831V-007SR <b>75.99</b>	1	18	600
<b>1</b>	1821V-010SR <b>81.14</b>	1831V-010SR <b>90.05</b>	1	12	600
<b>1-1/4</b>	1821V-012SR <b>116.89</b>	1831V-012SR <b>146.81</b>	1	8	600
<b>1-1/2</b>	1821V-015SR <b>139.69</b>	1831V-015SR <b>154.05</b>	1	8	600
<b>2</b>	1821V-020SR <b>182.12</b>	1831V-020SR <b>199.33</b>	1	4	600
<b>2-1/2</b>	1821V-025SR <b>357.79</b>	1831V-025SR <b>475.18</b>	1	0	601

**PVC True Union 2000 Industrial Vented/Bleach Ball Valves (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>3</b>	1821V-030SR <b>463.13</b>	1831V-030SR <b>511.56</b>	1	0	601
<b>4</b>	1821V-040SR <b>768.34</b>	1831V-040SR <b>850.23</b>	1	0	601
<b>Flanged Ends</b>					
<b>1/2</b>	1823V-005 <b>79.57</b>	1833V-005 <b>85.00</b>	1	8	600
<b>3/4</b>	1823V-007 <b>100.65</b>	1833V-007 <b>109.46</b>	1	8	600
<b>1</b>	1823V-010 <b>121.80</b>	1833V-010 <b>130.98</b>	1	8	600
<b>1-1/4</b>	1823V-012 <b>143.03</b>	1833V-012 <b>195.97</b>	1	8	600
<b>1-1/2</b>	1823V-015 <b>180.12</b>	1833V-015 <b>195.97</b>	1	4	600
<b>2</b>	1823V-020 <b>286.80</b>	1833V-020 <b>304.19</b>	1	0	600
<b>2-1/2</b>	1823V-025 <b>529.66</b>	1833V-025 <b>538.41</b>	1	0	601
<b>3</b>	1823V-030 <b>585.43</b>	1833V-030 <b>726.84</b>	1	0	601
<b>4</b>	1823V-040 <b>1177.11</b>	1833V-040 <b>1364.47</b>	1	0	601
<b>6</b>	1823V-060 <b>2506.31</b>	1833V-060 <b>2906.00</b>	1	0	612

<b>CPVC True Union 2000 Industrial Vented/Bleach Ball Valves</b>					
<b>Threaded &amp; Socket Ends</b>					
Threaded End Connectors available on request					
<b>1/2</b>	1829V-005C <b>73.34</b>	1839V-005C <b>81.50</b>	1	18	602
<b>3/4</b>	1829V-007C <b>92.37</b>	1839V-007C <b>102.67</b>	1	18	602



**Thermoplastic Valves**  
**True Union 2000 Industrial Vented/Bleach Ball Valves**

**CPVC True Union 2000 Industrial Vented/Bleach Ball Valves (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Threaded & Socket Ends**

<b>1</b>	1829V-010C <b>109.98</b>	1839V-010C <b>122.19</b>	1	12	602
<b>1-1/4</b>	1829V-012C <b>174.84</b>	1839V-012C <b>194.34</b>	1	8	602
<b>1-1/2</b>	1829V-015C <b>184.65</b>	1839V-015C <b>205.16</b>	1	8	602
<b>2</b>	1829V-020C <b>246.96</b>	1839V-020C <b>283.87</b>	1	4	602

**Socket Ends**

<b>2-1/2</b>	1822V-025C <b>553.67</b>	1832V-025C <b>615.13</b>	1	0	603
<b>3</b>	1822V-030C <b>647.37</b>	1832V-030C <b>719.33</b>	1	0	603
<b>4</b>	1822V-040C <b>1173.05</b>	1832V-040C <b>1303.40</b>	1	0	603
<b>6</b>	1822V-060C <b>2497.30</b>	1832V-060C <b>2774.57</b>	1	0	613

**SR Threaded Ends**

<b>1/2</b>	1821V-005CSR <b>74.51</b>	1831V-005CSR <b>82.70</b>	1	18	602
<b>3/4</b>	1821V-007CSR <b>95.27</b>	1831V-007CSR <b>105.52</b>	1	18	602
<b>1</b>	1821V-010CSR <b>112.83</b>	1831V-010CSR <b>125.04</b>	1	12	602
<b>1-1/4</b>	1821V-012CSR <b>183.46</b>	1831V-012CSR <b>202.97</b>	1	8	602
<b>1-1/2</b>	1821V-015CSR <b>193.94</b>	1831V-015CSR <b>214.44</b>	1	8	602
<b>2</b>	1821V-020CSR <b>257.01</b>	1831V-020CSR <b>293.94</b>	1	4	602
<b>2-1/2</b>	1821V-025CSR <b>580.70</b>	1831V-025CSR <b>642.17</b>	1	0	603
<b>3</b>	1821V-030CSR <b>674.40</b>	1831V-030CSR <b>746.37</b>	1	0	603
<b>4</b>	1821V-040CSR <b>1204.61</b>	1831V-040CSR <b>1334.97</b>	1	0	603

**Flanged Ends**

<b>1/2</b>	1823V-005C <b>124.45</b>	1833V-005C <b>127.13</b>	1	8	602
<b>3/4</b>	1823V-007C <b>152.56</b>	1833V-007C <b>158.93</b>	1	8	602
<b>1</b>	1823V-010C <b>174.65</b>	1833V-010C <b>185.40</b>	1	8	602
<b>1-1/4</b>	1823V-012C <b>260.96</b>	1833V-012C <b>270.11</b>	1	8	602
<b>1-1/2</b>	1823V-015C <b>287.03</b>	1833V-015C <b>296.61</b>	1	4	602
<b>2</b>	1823V-020C <b>399.43</b>	1833V-020C <b>475.69</b>	1	0	602
<b>2-1/2</b>	1823V-025C <b>745.50</b>	1833V-025C <b>894.83</b>	1	0	603
<b>3</b>	1823V-030C <b>1090.23</b>	1833V-030C <b>1115.07</b>	1	0	603
<b>4</b>	1823V-040C <b>1988.55</b>	1833V-040C <b>1988.57</b>	1	0	603
<b>6</b>	1823V-060C <b>4234.79</b>	1833V-060C <b>4234.79</b>	1	0	613

## Thermoplastic Valves True Union 2000 Industrial 3-Way Ball Valves



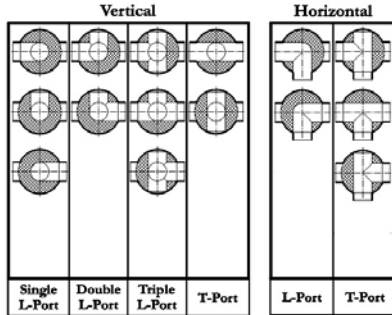
Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
 Vertical 3-Way or Horizontal Diverter Design  
 (No Branch Shut-off)

All Standard Carton Quantities are one  
 All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

Ball Port Options



Ball port options viewed from top of valve



Horizontal Diverter Valve



Vertical 3-Way Valve

### PVC Horizontal Diverter Ball Valves

Material	EPDM					Viton®					Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged		
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each		
1/2	L-Port	5022L1-005 97.41	5021L1-005SR 100.56	5027L1-005 97.41	5023L1-005 198.96	5032L1-005 105.66	5031L1-005SR 110.43	5037L1-005 105.66	5033L1-005 207.85	615	
	T-Port	5022T1-005 97.41	5021T1-005SR 100.56	5027T1-005 97.41	5023T1-005 198.96	5032T1-005 105.66	5031T1-005SR 110.43	5037T1-005 105.66	5033T1-005 207.85	615	
3/4	L-Port	5022L1-007 116.18	5021L1-007SR 120.04	5027L1-007 116.18	5023L1-007 208.17	5032L1-007 125.05	5031L1-007SR 128.94	5037L1-007 125.05	5033L1-007 219.68	615	
	T-Port	5022T1-007 116.18	5021T1-007SR 120.04	5027T1-007 116.18	5023T1-007 208.17	5032T1-007 125.05	5031T1-007SR 128.94	5037T1-007 125.05	5033T1-007 219.68	615	
1	L-Port	5022L1-010 140.86	5021L1-010SR 144.65	5027L1-010 140.86	5023L1-010 296.70	5032L1-010 155.18	5031L1-010SR 159.03	5037L1-010 155.18	5033L1-010 324.35	615	
	T-Port	5022T1-010 140.86	5021T1-010SR 144.65	5027T1-010 140.86	5023T1-010 296.70	5032T1-010 155.18	5031T1-010SR 159.03	5037T1-010 155.18	5033T1-010 324.35	615	
1-1/4	L-Port	5022L1-012 163.27	5021L1-012SR 170.65	5027L1-012 163.27	5023L1-012 561.16	5032L1-012 183.65	5031L1-012SR 191.37	5037L1-012 183.65	5033L1-012 594.39	615	
	T-Port	5022T1-012 163.27	5021T1-012SR 170.65	5027T1-012 163.27	5023T1-012 561.16	5032T1-012 183.65	5031T1-012SR 191.37	5037T1-012 183.65	5033T1-012 594.39	615	
1-1/2	L-Port	5022L1-015 190.90	5021L1-015SR 203.24	5027L1-015 190.90	5023L1-015 578.10	5032L1-015 209.00	5031L1-015SR 221.33	5037L1-015 209.00	5033L1-015 604.60	615	
	T-Port	5022T1-015 190.90	5021T1-015SR 203.24	5027T1-015 190.90	5023T1-015 578.10	5032T1-015 209.00	5031T1-015SR 221.33	5037T1-015 209.00	5033T1-015 604.60	615	
2	L-Port	5022L1-020 234.18	5021L1-020SR 246.51	5027L1-020 234.18	5023L1-020 750.72	5032L1-020 273.02	5031L1-020SR 286.41	5037L1-020 273.02	5033L1-020 788.41	615	
	T-Port	5022T1-020 234.18	5021T1-020SR 246.51	5027T1-020 234.18	5023T1-020 750.72	5032T1-020 273.02	5031T1-020SR 286.41	5037T1-020 273.02	5033T1-020 788.41	615	
2-1/2	L-Port	5022L1-025 789.56	5021L1-025SR 824.12	5027L1-025 789.56	5023L1-025 1318.14	5032L1-025 839.60	5031L1-025SR 874.14	5037L1-025 839.60	5033L1-025 1544.72	615	
	T-Port	5022T1-025 789.56	5021T1-025SR 824.12	5027T1-025 789.56	5023T1-025 1318.14	5032T1-025 839.60	5031T1-025SR 874.14	5037T1-025 839.60	5033T1-025 1544.72	615	
3	L-Port	5022L1-030 805.69	5021L1-030SR 841.90	5027L1-030 805.69	5023L1-030 1335.43	5032L1-030 852.76	5031L1-030SR 887.30	5037L1-030 852.76	5033L1-030 1551.81	615	
	T-Port	5022T1-030 805.69	5021T1-030SR 841.90	5027T1-030 805.69	5023T1-030 1335.43	5032T1-030 852.76	5031T1-030SR 887.30	5037T1-030 852.76	5033T1-030 1551.81	615	
4	L-Port	5022L1-040 1459.17	5021L1-040SR 1498.68	5027L1-040 1459.17	5023L1-040 1940.18	5032L1-040 1475.63	5031L1-040SR 1515.13	5037L1-040 1475.63	5033L1-040 2120.71	615	
	T-Port	5022T1-040 1459.17	5021T1-040SR 1498.68	5027T1-040 1459.17	5023T1-040 1940.18	5032T1-040 1475.63	5031T1-040SR 1515.13	5037T1-040 1475.63	5033T1-040 2120.71	615	



## Thermoplastic Valves True Union 2000 Industrial 3-Way Ball Valves

### CPVC Horizontal Diverter Ball Valves

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	L-Port	5022L1-005C 149.93	5021L1-005CSR 154.69	5027L1-005C 149.93	5023L1-005C 306.09	5032L1-005C 162.43	5031L1-005CSR 169.83	5037L1-005C 162.43	5033L1-005C 319.73	617
	T-Port	5022T1-005C 149.93	5021T1-005CSR 154.69	5027T1-005C 149.93	5023T1-005C 306.09	5032T1-005C 162.43	5031T1-005CSR 169.83	5037T1-005C 162.43	5033T1-005C 319.73	617
3/4	L-Port	5022L1-007C 178.71	5021L1-007CSR 184.65	5027L1-007C 178.71	5023L1-007C 320.24	5032L1-007C 192.37	5031L1-007CSR 198.29	5037L1-007C 192.37	5033L1-007C 338.01	617
	T-Port	5022T1-007C 178.71	5021T1-007CSR 184.65	5027T1-007C 178.71	5023T1-007C 320.24	5032T1-007C 192.37	5031T1-007CSR 198.29	5037T1-007C 192.37	5033T1-007C 338.01	617
1	L-Port	5022L1-010C 216.71	5021L1-010CSR 222.50	5027L1-010C 216.71	5023L1-010C 456.32	5032L1-010C 238.78	5031L1-010CSR 244.53	5037L1-010C 238.78	5033L1-010C 498.95	617
	T-Port	5022T1-010C 216.71	5021T1-010CSR 222.50	5027T1-010C 216.71	5023T1-010C 456.32	5032T1-010C 238.78	5031T1-010CSR 244.53	5037T1-010C 238.78	5033T1-010C 498.95	617
1-1/4	L-Port	5022L1-012C 251.13	5021L1-012CSR 262.48	5027L1-012C 251.13	5023L1-012C 863.30	5032L1-012C 281.56	5031L1-012CSR 294.40	5037L1-012C 281.56	5033L1-012C 914.49	617
	T-Port	5022T1-012C 251.13	5021T1-012CSR 262.48	5027T1-012C 251.13	5023T1-012C 863.30	5032T1-012C 281.56	5031T1-012CSR 294.40	5037T1-012C 281.56	5033T1-012C 914.49	617
1-1/2	L-Port	5022L1-015C 293.76	5021L1-015CSR 312.67	5027L1-015C 293.76	5023L1-015C 889.44	5032L1-015C 321.52	5031L1-015CSR 340.47	5037L1-015C 321.52	5033L1-015C 930.10	617
	T-Port	5022T1-015C 293.76	5021T1-015CSR 312.67	5027T1-015C 293.76	5023T1-015C 889.44	5032T1-015C 321.52	5031T1-015CSR 340.47	5037T1-015C 321.52	5033T1-015C 930.10	617
2	L-Port	5022L1-020C 360.38	5021L1-020CSR 379.24	5027L1-020C 360.38	5023L1-020C 1154.90	5032L1-020C 420.01	5031L1-020CSR 440.54	5037L1-020C 420.01	5033L1-020C 1212.98	617
	T-Port	5022T1-020C 360.38	5021T1-020CSR 379.24	5027T1-020C 360.38	5023T1-020C 1154.90	5032T1-020C 420.01	5031T1-020CSR 440.54	5037T1-020C 420.01	5033T1-020C 1212.98	617
2-1/2	L-Port	5022L1-025C 1214.79	5021L1-025CSR 1267.78	5027L1-025C 1214.79	5023L1-025C 2027.88	5032L1-025C 1291.65	5031L1-025CSR 1344.84	5037L1-025C 1291.65	5033L1-025C 2376.52	617
	T-Port	5022T1-025C 1214.79	5021T1-025CSR 1267.78	5027T1-025C 1214.79	5023T1-025C 2027.88	5032T1-025C 1291.65	5031T1-025CSR 1344.84	5037T1-025C 1291.65	5033T1-025C 2376.52	617
3	L-Port	5022L1-030C 1239.48	5021L1-030CSR 1295.26	5027L1-030C 1239.48	5023L1-030C 2055.21	5032L1-030C 1311.88	5031L1-030CSR 1365.06	5037L1-030C 1311.88	5033L1-030C 2387.47	617
	T-Port	5022T1-030C 1239.48	5021T1-030CSR 1295.26	5027T1-030C 1239.48	5023T1-030C 2055.21	5032T1-030C 1311.88	5031T1-030CSR 1365.06	5037T1-030C 1311.88	5033T1-030C 2387.47	617
4	L-Port	5022L1-040C 2244.79	5021L1-040CSR 2305.50	5027L1-040C 2244.79	5023L1-040C 2984.98	5032L1-040C 2270.14	5031L1-040CSR 2330.97	5037L1-040C 2270.14	5033L1-040C 3262.61	617
	T-Port	5022T1-040C 2244.79	5021T1-040CSR 2305.50	5027T1-040C 2244.79	5023T1-040C 2984.98	5032T1-040C 2270.14	5031T1-040CSR 2330.97	5037T1-040C 2270.14	5033T1-040C 3262.61	617

### PVC Vertical 3-Way Ball Valves

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	L-Port	4722L1-005 96.93	4721L1-005SR 98.47	4727L1-005 96.93	4723L1-005 200.29	4732L1-005 104.98	4731L1-005SR 106.54	4737L1-005 104.98	4733L1-005 207.51	615
	Double L-Port	4722L2-005 193.04	4721L2-005SR 194.59	4727L2-005 193.04	4723L2-005 296.39	4732L2-005 201.10	4731L2-005SR 202.66	4737L2-005 201.10	4733L2-005 303.62	615
	Triple L-Port	4722L3-005 193.04	4721L3-005SR 194.59	4727L3-005 193.04	4723L3-005 296.39	4732L3-005 201.10	4731L3-005SR 202.66	4737L3-005 201.10	4733L3-005 303.62	615
	T-Port	4722T1-005 96.93	4721T1-005SR 98.47	4727T1-005 96.93	4723T1-005 200.29	4732T1-005 104.98	4731T1-005SR 106.54	4737T1-005 104.98	4733T1-005 207.51	615
3/4	L-Port	4722L1-007 113.70	4721L1-007SR 117.59	4727L1-007 113.70	4723L1-007 210.31	4732L1-007 123.91	4731L1-007SR 127.77	4737L1-007 123.91	4733L1-007 219.20	615
	Double L-Port	4722L2-007 209.82	4721L2-007SR 213.67	4727L2-007 209.82	4723L2-007 306.43	4732L2-007 220.02	4731L2-007SR 223.88	4737L2-007 220.02	4733L2-007 315.30	615
	Triple L-Port	4722L3-007 209.82	4721L3-007SR 213.67	4727L3-007 209.82	4723L3-007 306.43	4732L3-007 220.02	4731L3-007SR 223.88	4737L3-007 220.02	4733L3-007 315.30	615
	T-Port	4722T1-007 113.70	4721T1-007SR 117.59	4727T1-007 113.70	4723T1-007 210.31	4732T1-007 123.91	4731T1-007SR 127.77	4737T1-007 123.91	4733T1-007 219.20	615
1	L-Port	4722L1-010 138.22	4721L1-010SR 142.10	4727L1-010 138.22	4723L1-010 299.99	4732L1-010 153.88	4731L1-010SR 157.73	4737L1-010 153.88	4733L1-010 324.68	615
	Double L-Port	4722L2-010 234.36	4721L2-010SR 238.22	4727L2-010 234.36	4723L2-010 396.11	4732L2-010 249.96	4731L2-010SR 253.84	4737L2-010 249.96	4733L2-010 420.79	615
	Triple L-Port	4722L3-010 234.36	4721L3-010SR 238.22	4727L3-010 234.36	4723L3-010 396.11	4732L3-010 249.96	4731L3-010SR 253.84	4737L3-010 249.96	4733L3-010 420.79	615
	T-Port	4722T1-010 138.22	4721T1-010SR 142.10	4727T1-010 138.22	4723T1-010 299.99	4732T1-010 153.88	4731T1-010SR 157.73	4737T1-010 153.88	4733T1-010 324.68	615
1-1/4	L-Port	4722L1-012 167.19	4721L1-012SR 174.94	4727L1-012 167.19	4723L1-012 565.44	4732L1-012 196.99	4731L1-012SR 204.72	4737L1-012 196.99	4733L1-012 598.01	615
	Double L-Port	4722L2-012 263.31	4721L2-012SR 271.04	4727L2-012 263.31	4723L2-012 661.54	4732L2-012 293.10	4731L2-012SR 300.82	4737L2-012 293.10	4733L2-012 694.13	615
	Triple L-Port	4722L3-012 263.31	4721L3-012SR 271.04	4727L3-012 263.31	4723L3-012 661.54	4732L3-012 293.10	4731L3-012SR 300.82	4737L3-012 293.10	4733L3-012 694.13	615
	T-Port	4722T1-012 167.19	4721T1-012SR 174.94	4727T1-012 167.19	4723T1-012 565.44	4732T1-012 196.99	4731T1-012SR 204.72	4737T1-012 196.99	4733T1-012 598.01	615



**Thermoplastic Valves  
True Union 2000 Industrial 3-Way Ball Valves**



**PVC Vertical 3-Way Ball Valves (continued)**

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1-1/2	L-Port	4722L1-015 193.34	4721L1-015SR 205.71	4727L1-015 193.34	4723L1-015 586.51	4732L1-015 211.95	4731L1-015SR 224.30	4737L1-015 211.95	4733L1-015 604.60	615
	Double L-Port	4722L2-015 289.47	4721L2-015SR 301.80	4727L2-015 289.47	4723L2-015 682.60	4732L2-015 308.05	4731L2-015SR 320.40	4737L2-015 308.05	4733L2-015 700.70	615
	Triple L-Port	4722L3-015 289.47	4721L3-015SR 301.80	4727L3-015 289.47	4723L3-015 682.60	4732L3-015 308.05	4731L3-015SR 320.40	4737L3-015 308.05	4733L3-015 700.70	615
	T-Port	4722T1-015 193.34	4721T1-015SR 205.71	4727T1-015 193.34	4723T1-015 586.51	4732T1-015 211.95	4731T1-015SR 224.30	4737T1-015 211.95	4733T1-015 604.60	615
	L-Port	4722L1-020 237.13	4721L1-020SR 250.54	4727L1-020 237.13	4723L1-020 755.82	4732L1-020 275.32	4731L1-020SR 288.72	4737L1-020 275.32	4733L1-020 789.26	615
2	Double L-Port	4722L2-020 333.22	4721L2-020SR 346.66	4727L2-020 333.22	4723L2-020 851.94	4732L2-020 371.43	4731L2-020SR 384.82	4737L2-020 371.43	4733L2-020 885.33	615
	Triple L-Port	4722L3-020 333.22	4721L3-020SR 346.66	4727L3-020 333.22	4723L3-020 851.94	4732L3-020 371.43	4731L3-020SR 384.82	4737L3-020 371.43	4733L3-020 885.33	615
	T-Port	4722T1-020 237.13	4721T1-020SR 250.54	4727T1-020 237.13	4723T1-020 755.82	4732T1-020 275.32	4731T1-020SR 288.72	4737T1-020 275.32	4733T1-020 789.26	615
	L-Port	4722L1-025 834.01	4721L1-025SR 868.57	4727L1-025 834.01	4723L1-025 1323.90	4732L1-025 843.39	4731L1-025SR 877.96	4737L1-025 843.39	4733L1-025 1542.93	615
	Double L-Port	4722L2-025 930.10	4721L2-025SR 964.66	4727L2-025 930.10	4723L2-025 1420.01	4732L2-025 939.49	4731L2-025SR 974.04	4737L2-025 939.49	4733L2-025 1639.04	615
2-1/2	Triple L-Port	4722L3-025 930.10	4721L3-025SR 964.66	4727L3-025 930.10	4723L3-025 1420.01	4732L3-025 939.49	4731L3-025SR 974.04	4737L3-025 939.49	4733L3-025 1639.04	615
	T-Port	4722T1-025 834.01	4721T1-025SR 868.57	4727T1-025 834.01	4723T1-025 1323.90	4732T1-025 843.39	4731T1-025SR 877.96	4737T1-025 843.39	4733T1-025 1542.93	615
	L-Port	4722L1-030 851.11	4721L1-030SR 885.67	4727L1-030 851.11	4723L1-030 1342.16	4732L1-030 858.68	4731L1-030SR 893.24	4737L1-030 858.68	4733L1-030 1553.15	615
	Double L-Port	4722L2-030 947.22	4721L2-030SR 981.79	4727L2-030 947.22	4723L2-030 1438.28	4732L2-030 954.80	4731L2-030SR 989.34	4737L2-030 954.80	4733L2-030 1649.24	615
	Triple L-Port	4722L3-030 947.22	4721L3-030SR 981.79	4727L3-030 947.22	4723L3-030 1438.28	4732L3-030 954.80	4731L3-030SR 989.34	4737L3-030 954.80	4733L3-030 1649.24	615
3	T-Port	4722T1-030 851.11	4721T1-030SR 885.67	4727T1-030 851.11	4723T1-030 1342.16	4732T1-030 858.68	4731T1-030SR 893.24	4737T1-030 858.68	4733T1-030 1553.15	615
	L-Port	4722L1-040 1471.18	4721L1-040SR 1510.67	4727L1-040 1471.18	4723L1-040 1951.21	4732L1-040 1485.50	4731L1-040SR 1524.99	4737L1-040 1485.50	4733L1-040 2043.69	615
	Double L-Port	4722L2-040 1567.31	4721L2-040SR 1606.77	4727L2-040 1567.31	4723L2-040 2047.32	4732L2-040 1581.61	4731L2-040SR 1621.11	4737L2-040 1581.61	4733L2-040 2139.80	615
	Triple L-Port	4722L3-040 1567.31	4721L3-040SR 1606.77	4727L3-040 1567.31	4723L3-040 2047.32	4732L3-040 1581.61	4731L3-040SR 1621.11	4737L3-040 1581.61	4733L3-040 2139.80	615
	T-Port	4722T1-040 1471.18	4721T1-040SR 1510.67	4727T1-040 1471.18	4723T1-040 1951.21	4732T1-040 1485.50	4731T1-040SR 1524.99	4737T1-040 1485.50	4733T1-040 2043.69	615

**CPVC Vertical 3-Way Ball Valves**

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	L-Port	4722L1-005C 149.09	4721L1-005CSR 151.55	4727L1-005C 149.09	4723L1-005C 308.05	4732L1-005C 161.43	4731L1-005CSR 163.89	4737L1-005C 161.43	4733L1-005C 319.26	617
	Double L-Port	4722L2-005C 297.04	4721L2-005CSR 299.33	4727L2-005C 297.04	4723L2-005C 456.00	4732L2-005C 309.38	4731L2-005CSR 311.69	4737L2-005C 309.38	4733L2-005C 467.03	617
	Triple L-Port	4722L3-005C 297.04	4721L3-005CSR 299.33	4727L3-005C 297.04	4723L3-005C 456.00	4732L3-005C 309.38	4731L3-005CSR 311.69	4737L3-005C 309.38	4733L3-005C 467.03	617
	T-Port	4722T1-005C 149.09	4721T1-005CSR 151.55	4727T1-005C 149.09	4723T1-005C 308.05	4732T1-005C 161.43	4731T1-005CSR 163.89	4737T1-005C 161.43	4733T1-005C 319.26	617
	L-Port	4722L1-007C 174.94	4721L1-007CSR 181.01	4727L1-007C 174.94	4723L1-007C 323.53	4732L1-007C 190.57	4731L1-007CSR 196.65	4737L1-007C 190.57	4733L1-007C 337.18	617
3/4	Double L-Port	4722L2-007C 322.87	4721L2-007CSR 328.62	4727L2-007C 322.87	4723L2-007C 471.32	4732L2-007C 338.50	4731L2-007CSR 344.43	4737L2-007C 338.50	4733L2-007C 484.96	617
	Triple L-Port	4722L3-007C 322.87	4721L3-007CSR 328.62	4727L3-007C 322.87	4723L3-007C 471.32	4732L3-007C 338.50	4731L3-007CSR 344.43	4737L3-007C 338.50	4733L3-007C 484.96	617
	T-Port	4722T1-007C 174.94	4721T1-007CSR 181.01	4727T1-007C 174.50	4723T1-007C 323.53	4732T1-007C 190.57	4731T1-007CSR 196.65	4737T1-007C 190.57	4733T1-007C 337.18	617
	L-Port	4722L1-010C 212.62	4721L1-010CSR 218.55	4727L1-010C 212.62	4723L1-010C 461.43	4732L1-010C 236.81	4731L1-010CSR 242.73	4737L1-010C 236.81	4733L1-010C 499.44	617
	Double L-Port	4722L2-010C 360.54	4721L2-010CSR 366.47	4727L2-010C 360.54	4723L2-010C 609.36	4732L2-010C 384.57	4731L2-010CSR 390.52	4737L2-010C 384.57	4733L2-010C 647.38	617
1	Triple L-Port	4722L3-010C 360.54	4721L3-010CSR 366.47	4727L3-010C 360.54	4723L3-010C 609.36	4732L3-010C 384.57	4731L3-010CSR 390.52	4737L3-010C 384.57	4733L3-010C 647.38	617
	T-Port	4722T1-010C 212.62	4721T1-010CSR 218.55	4727T1-010C 212.62	4723T1-010C 461.43	4732T1-010C 236.81	4731T1-010CSR 242.73	4737T1-010C 236.81	4733T1-010C 499.44	617



**Thermoplastic Valves  
True Union 2000 Industrial 3-Way Ball Valves**

**CPVC Vertical 3-Way Ball Valves (continued)**

Material		EPDM				Viton®				Disc Code
Joint		Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	Flanged	
Size	Ball Port	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1-1/4	L-Port	4722L1-012C 257.21	4721L1-012CSR 269.05	4727L1-012C 257.21	4723L1-012C 869.87	4732L1-012C 303.12	4731L1-012CSR 314.97	4737L1-012C 303.12	4733L1-012C 920.06	617
	Double L-Port	4722L2-012C 404.98	4721L2-012CSR 416.83	4727L2-012C 404.98	4723L2-012C 1017.66	4732L2-012C 450.89	4731L2-012CSR 463.57	4737L2-012C 450.89	4733L2-012C 694.13	617
	Triple L-Port	4722L3-012C 404.98	4721L3-012CSR 416.83	4727L3-012C 404.98	4723L3-012C 1017.66	4732L3-012C 450.89	4731L3-012CSR 463.57	4737L3-012C 450.89	4733L3-012C 1067.84	617
	T-Port	4722T1-012C 257.21	4721T1-012CSR 269.05	4727T1-012C 257.21	4723T1-012C 869.87	4732T1-012C 303.12	4731T1-012CSR 314.97	4737T1-012C 303.12	4733T1-012C 920.06	617
	L-Port	4722L1-015C 297.35	4721L1-015CSR 316.45	4727L1-015C 297.35	4723L1-015C 902.31	4732L1-015C 325.99	4731L1-015CSR 345.07	4737L1-015C 325.99	4733L1-015C 930.10	617
1-1/2	Double L-Port	4722L2-015C 445.32	4721L2-015CSR 464.22	4727L2-015C 445.32	4723L2-015C 1050.05	4732L2-015C 473.95	4731L2-015CSR 530.69	4737L2-015C 473.95	4733L2-015C 1078.04	617
	Triple L-Port	4722L3-015C 445.32	4721L3-015CSR 464.22	4727L3-015C 445.32	4723L3-015C 1050.05	4732L3-015C 473.95	4731L3-015CSR 530.69	4737L3-015C 473.95	4733L3-015C 1078.04	617
	T-Port	4722T1-015C 297.35	4721T1-015CSR 316.45	4727T1-015C 297.35	4723T1-015C 902.31	4732T1-015C 325.99	4731T1-015CSR 345.07	4737T1-015C 325.99	4733T1-015C 930.10	617
	L-Port	4722L1-020C 364.84	4721L1-020CSR 385.39	4727L1-020C 364.84	4723L1-020C 1162.79	4732L1-020C 423.57	4731L1-020CSR 444.14	4737L1-020C 423.57	4733L1-020C 1214.14	617
2	Double L-Port	4722L2-020C 512.63	4721L2-020CSR 533.34	4727L2-020C 512.63	4723L2-020C 1266.31	4732L2-020C 571.37	4731L2-020CSR 591.91	4737L2-020C 571.37	4733L2-020C 1362.07	617
	Triple L-Port	4722L3-020C 512.63	4721L3-020CSR 533.34	4727L3-020C 512.63	4723L3-020C 1266.31	4732L3-020C 571.37	4731L3-020CSR 591.91	4737L3-020C 571.37	4733L3-020C 1362.07	617
	T-Port	4722T1-020C 364.84	4721T1-020CSR 385.39	4727T1-020C 364.84	4723T1-020C 1162.79	4732T1-020C 423.57	4731T1-020CSR 444.14	4737T1-020C 423.57	4733T1-020C 1214.14	617
	L-Port	4722L1-025C 1283.10	4721L1-025CSR 1336.23	4727L1-025C 1283.10	4723L1-025C 2036.60	4732L1-025C 1297.56	4731L1-025CSR 1350.72	4737L1-025C 1297.56	4733L1-025C 2373.81	617
2-1/2	Double L-Port	4722L2-025C 1430.86	4721L2-025CSR 1466.88	4727L2-025C 1430.86	4723L2-025C 2184.56	4732L2-025C 1445.35	4731L2-025CSR 1498.51	4737L2-025C 1445.35	4733L2-025C 2521.59	617
	Triple L-Port	4722L3-025C 1430.86	4721L3-025CSR 1466.88	4727L3-025C 1430.86	4723L3-025C 2184.56	4732L3-025C 1445.35	4731L3-025CSR 1498.51	4737L3-025C 1445.35	4733L3-025C 2521.59	617
	T-Port	4722T1-025C 1283.10	4721T1-025CSR 1336.23	4727T1-025C 1283.10	4723T1-025C 2036.60	4732T1-025C 1297.56	4731T1-025CSR 1350.72	4737T1-025C 1297.56	4733T1-025C 2373.81	617
	L-Port	4722L1-030C 1309.41	4721L1-030CSR 1362.57	4727L1-030C 1309.41	4723L1-030C 2064.94	4732L1-030C 1320.95	4731L1-030CSR 1374.27	4737L1-030C 1320.95	4733L1-030C 2389.44	617
3	Double L-Port	4722L2-030C 1457.21	4721L2-030CSR 1493.23	4727L2-030C 1457.21	4723L2-030C 2212.69	4732L2-030C 1468.87	4731L2-030CSR 1522.04	4737L2-030C 1468.87	4733L2-030C 2537.21	617
	Triple L-Port	4722L3-030C 1457.21	4721L3-030CSR 1493.23	4727L3-030C 1457.21	4723L3-030C 2212.69	4732L3-030C 1468.87	4731L3-030CSR 1522.04	4737L3-030C 1468.87	4733L3-030C 2537.21	617
	T-Port	4722T1-030C 1309.41	4721T1-030CSR 1362.57	4727T1-030C 1309.41	4723T1-030C 2064.94	4732T1-030C 1320.95	4731T1-030CSR 1374.27	4737T1-030C 1320.95	4733T1-030C 2389.44	617
	L-Port	4722L1-040C 2263.39	4721L1-040CSR 2324.11	4727L1-040C 2263.39	4723L1-040C 3031.56	4732L1-040C 2285.43	4731L1-040CSR 2346.16	4737L1-040C 2285.43	4733L1-040C 3144.12	617
4	Double L-Port	4722L2-040C 2411.15	4721L2-040CSR 2471.88	4727L2-040C 2411.15	4723L2-040C 3149.70	4732L2-040C 2433.21	4731L2-040CSR 2493.94	4737L2-040C 2433.21	4733L2-040C 3291.89	617
	Triple L-Port	4722L3-040C 2411.15	4721L3-040CSR 2471.88	4727L3-040C 2411.15	4723L3-040C 3149.70	4732L3-040C 2433.21	4731L3-040CSR 2493.94	4737L3-040C 2433.21	4733L3-040C 3291.89	617
	T-Port	4722T1-040C 2263.39	4721T1-040CSR 2324.11	4727T1-040C 2263.39	4723T1-040C 3031.56	4732T1-040C 2285.43	4731T1-040CSR 2346.16	4737T1-040C 2285.43	4733T1-040C 3144.12	617

## Thermoplastic Valves Tee-Style "Zero Dead-Leg" Ball Valves



Valves are produced to order in Ball Valve sizes 1/2" - 2".  
Tee Valves can be custom produced in any standard  
Tee and Valve size combination.

The Tee Valve is assembled with socket end connector.  
Tee Valves are a non-stock configuration.  
All orders are non-cancelable, non-returnable.



Pressure Rating @ 73°F (23°C), Water  
Valve Sizes 1/2" - 2" (20mm - 63mm) = 235 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply

### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>1/2</b>	182901-005 <b>155.03</b>	183901-005 <b>167.01</b>	1	12	263
<b>3/4</b>	182901-007 <b>169.43</b>	183901-007 <b>183.15</b>	1	8	263
<b>1</b>	182901-010 <b>172.62</b>	183901-010 <b>193.22</b>	1	8	263
<b>2</b>	182901-020 <b>286.10</b>	183901-020 <b>334.03</b>	1	0	263
<b>3/4X1/2</b>	182901-101 <b>157.61</b>	183901-101 <b>169.56</b>	1	12	263
<b>1X1/2</b>	182901-130 <b>162.79</b>	183901-130 <b>174.79</b>	1	8	263
<b>1X3/4</b>	182901-131 <b>172.62</b>	183901-131 <b>193.22</b>	1	8	263
<b>1-1/4X1/2</b>	182901-166 <b>171.52</b>	183901-166 <b>183.49</b>	1	8	263
<b>1-1/4X3/4</b>	182901-167 <b>175.81</b>	183901-167 <b>189.55</b>	1	8	263
<b>1-1/4X1</b>	182901-168 <b>187.83</b>	183901-168 <b>208.45</b>	1	8	263
<b>1-1/2X1/2</b>	182901-209 <b>171.52</b>	183901-209 <b>183.51</b>	1	8	263
<b>1-1/2X3/4</b>	182901-210 <b>175.81</b>	183901-210 <b>189.55</b>	1	8	263
<b>1-1/2X1</b>	182901-211 <b>187.83</b>	183901-211 <b>208.45</b>	1	8	263
<b>2X1/2</b>	182901-247 <b>221.81</b>	183901-247 <b>233.86</b>	1	8	263
<b>2X3/4</b>	182901-248 <b>228.37</b>	183901-248 <b>242.06</b>	1	8	263
<b>2X1</b>	182901-249 <b>238.11</b>	183901-249 <b>258.73</b>	1	8	263
<b>2X1-1/2</b>	182901-251 <b>293.79</b>	183901-251 <b>319.52</b>	1	8	263
<b>3X1/2</b>	182901-333 <b>226.32</b>	183901-333 <b>238.31</b>	1	0	263
<b>3X1</b>	182901-335 <b>242.50</b>	183901-335 <b>263.11</b>	1	4	263
<b>3X1-1/2</b>	182901-337 <b>278.22</b>	183901-337 <b>303.97</b>	1	0	263
<b>3X2</b>	182901-338 <b>302.52</b>	183901-338 <b>350.47</b>	1	0	263
<b>4X1</b>	182901-417 <b>280.31</b>	183901-417 <b>300.91</b>	1	0	263
<b>4X1-1/2</b>	182901-419 <b>316.05</b>	183901-419 <b>341.78</b>	1	0	263
<b>4X2</b>	182901-420 <b>372.73</b>	183901-420 <b>420.69</b>	1	0	263
<b>6X2</b>	182901-528 <b>438.20</b>	183901-528 <b>486.16</b>	1	0	263
<b>8X2</b>	182901-578 <b>668.62</b>	183901-578 <b>716.59</b>	1	0	263

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>1/2</b>	182901-005C <b>238.90</b>	183901-005C <b>250.18</b>	1	12	264
<b>3/4</b>	182901-007C <b>261.06</b>	183901-007C <b>273.98</b>	1	8	264

### CPVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>1</b>	182901-010C <b>265.99</b>	183901-010C <b>285.39</b>	1	8	264
<b>2</b>	182901-020C <b>290.62</b>	183901-020C <b>335.69</b>	1	4	264
<b>3/4X1/2</b>	182901-101C <b>242.85</b>	183901-101C <b>254.11</b>	1	12	264
<b>1X1/2</b>	182901-130C <b>220.24</b>	183901-130C <b>263.22</b>	1	8	264
<b>1X3/4</b>	182901-131C <b>265.99</b>	183901-131C <b>278.93</b>	1	8	264
<b>1-1/4X1/2</b>	182901-166C <b>269.51</b>	183901-166C <b>280.80</b>	1	8	264
<b>1-1/4X3/4</b>	182901-167C <b>270.93</b>	183901-167C <b>283.84</b>	1	8	264
<b>1-1/4X1</b>	182901-168C <b>310.54</b>	183901-168C <b>329.93</b>	1	8	264
<b>1-1/2X1/2</b>	182901-209C <b>302.72</b>	183901-209C <b>313.39</b>	1	8	264
<b>1-1/2X3/4</b>	182901-210C <b>311.49</b>	183901-210C <b>319.15</b>	1	8	264
<b>1-1/2X1</b>	182901-211C <b>322.24</b>	183901-211C <b>329.93</b>	1	8	264
<b>2X1/2</b>	182901-247C <b>345.70</b>	183901-247C <b>356.96</b>	1	8	264
<b>2X3/4</b>	182901-248C <b>373.01</b>	183901-248C <b>385.93</b>	1	8	264
<b>2X1</b>	182901-249C <b>392.56</b>	183901-249C <b>411.95</b>	1	8	264
<b>2X1-1/2</b>	182901-251C <b>460.94</b>	183901-251C <b>485.11</b>	1	8	264
<b>3X1/2</b>	182901-333C <b>455.07</b>	183901-333C <b>466.34</b>	1	0	264
<b>3X1</b>	182901-335C <b>476.55</b>	183901-335C <b>495.94</b>	1	0	264
<b>3X1-1/2</b>	182901-337C <b>542.96</b>	183901-337C <b>567.14</b>	1	0	264
<b>3X2</b>	182901-338C <b>595.70</b>	183901-338C <b>640.77</b>	1	0	264
<b>4X1</b>	182901-417C <b>585.93</b>	183901-417C <b>605.32</b>	1	0	264
<b>4X1-1/2</b>	182901-419C <b>652.32</b>	183901-419C <b>676.52</b>	1	0	264
<b>4X2</b>	182901-420C <b>777.32</b>	183901-420C <b>822.39</b>	1	0	264
<b>6X2</b>	182901-528C <b>1015.30</b>	183901-528C <b>1060.36</b>	1	0	264
<b>8X2</b>	182901-578C <b>1498.01</b>	183901-578C <b>1543.09</b>	1	0	264

### PVC Metric

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>20</b>	182901M-020 <b>155.03</b>	183901M-020 <b>167.01</b>	1	8	263
<b>25</b>	182901M-025 <b>169.43</b>	183901M-025 <b>183.15</b>	1	8	263
<b>32</b>	182901M-032 <b>172.62</b>	183901M-032 <b>193.22</b>	1	8	263
<b>40</b>	182901M-040 <b>239.86</b>	183901M-040 <b>257.20</b>	1	8	263



## Thermoplastic Valves Tee-Style "Zero Dead-Leg" Ball Valves & True Union 2000 Standard Ball Valves

### Tee-Style "Zero Dead-Leg" Ball Valves

#### PVC Metric (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>50</b>	182901M-050 251.13	183901M-050 325.54	1	8	263
<b>63</b>	182901M-063 286.10	183901M-063 334.03	1	8	263

#### CPVC Metric

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>20</b>	182901M-020C 238.90	183901M-020C 250.18	1	8	264

#### CPVC Metric (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Mainline Socket Tee x Valve Socket</b>					
<b>25</b>	182901M-025C 277.72	183901M-025C 273.98	1	8	263
<b>32</b>	182901M-032C 265.99	183901M-032C 285.39	1	8	264
<b>40</b>	182901M-040C 269.68	183901M-040C 287.83	1	8	264
<b>50</b>	182901M-050C 274.48	183901M-050C 323.41	1	8	264
<b>63</b>	182901M-063C 290.62	183901M-063C 335.69	1	8	004

### True Union 2000 Standard Ball Valves



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" = 235 psi  
 2-1/2" - 4" = 150 psi  
 Flanged = 150 psi

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricant  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

#### PVC Standard

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	3629-005 37.78	3639-005 42.02	1	18	608
<b>3/4</b>	3629-007 44.68	3639-007 49.70	1	18	608
<b>1</b>	3629-010 53.22	3639-010 59.28	1	12	608
<b>1-1/4</b>	3629-012 73.61	3639-012 93.96	1	8	608
<b>1-1/2</b>	3629-015 88.68	3639-015 98.44	1	8	608
<b>2</b>	3629-020 117.02	3639-020 128.84	1	4	608

#### Socket Ends

<b>2-1/2</b>	3622-025 224.15	3632-025 304.76	1	0	609
<b>3</b>	3622-030 296.53	3632-030 329.47	1	0	609
<b>4</b>	3622-040 500.87	3632-040 556.71	1	0	609

#### Threaded Ends

<b>2-1/2</b>	3621-025 224.15	3631-025 304.76	1	0	609
<b>3</b>	3621-030 296.53	3631-030 329.47	1	0	609
<b>4</b>	3621-040 500.87	3631-040 556.71	1	0	609

#### SR Threaded Ends

<b>1/2</b>	3621-005SR 38.60	3631-005SR 42.83	1	18	608
<b>3/4</b>	3621-007SR 46.61	3631-007SR 51.67	1	18	608
<b>1</b>	3621-010SR 55.16	3631-010SR 61.22	1	18	608
<b>1-1/4</b>	3621-012SR 79.49	3631-012SR 99.83	1	12	608
<b>1-1/2</b>	3621-015SR 94.98	3631-015SR 104.73	1	8	608
<b>2</b>	3621-020SR 123.83	3631-020SR 135.67	1	8	608

#### PVC Standard (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>2-1/2</b>	3621-025SR 243.30	3631-025SR 323.13	1	0	609
<b>3</b>	3621-030SR 314.94	3631-030SR 347.86	1	0	609
<b>4</b>	3621-040SR 522.50	3631-040SR 578.17	1	0	609

#### Spigot Ends

<b>1/2</b>	3627-005 37.78	3637-005 42.02	1	18	608
<b>3/4</b>	3627-007 44.68	3637-007 49.70	1	18	608
<b>1</b>	3627-010 53.22	3637-010 59.28	1	12	608
<b>1-1/4</b>	3627-012 73.61	3637-012 93.96	1	12	608
<b>1-1/2</b>	3627-015 88.68	3637-015 98.44	1	8	608
<b>2</b>	3627-020 117.02	3637-020 128.84	1	8	608
<b>2-1/2</b>	3627-025 224.90	3637-025 304.76	1	0	609
<b>3</b>	3627-030 296.53	3637-030 329.47	1	0	609
<b>4</b>	3627-040 500.87	3637-040 556.71	1	0	609

#### Flanged Ends

<b>1/2</b>	3623-005 54.03	3633-005 57.62	1	8	608
<b>3/4</b>	3623-007 68.45	3633-007 74.44	1	8	608
<b>1</b>	3623-010 82.82	3633-010 89.06	1	8	608
<b>1-1/4</b>	3623-012 97.23	3633-012 108.07	1	4	608
<b>1-1/2</b>	3623-015 122.48	3633-015 133.28	1	4	608
<b>2</b>	3623-020 195.02	3633-020 206.85	1	0	608

**Thermoplastic Valves  
True Union 2000 Standard Ball Valves**



**PVC Standard (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>2-1/2</b>	3623-025 <b>360.18</b>	3633-025 <b>366.14</b>	1	0	609
<b>3</b>	3623-030 <b>373.23</b>	3633-030 <b>494.27</b>	1	0	609
<b>4</b>	3623-040 <b>800.44</b>	3633-040 <b>927.83</b>	1	0	609

**PVC White Standard**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket EPDM</b>					
3622-015W	<b>1-1/2</b>	1	8	608	88.68
3622-020W	<b>2</b>	1	8	608	117.02

**PVC White Standard**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**SR Threaded Ends EPDM**

3621-015WSR	<b>1-1/2</b>	1	8	608	94.98
3621-020WSR	<b>2</b>	1	8	608	123.83

**CPVC Standard**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
<b>1/2</b>	3629-005C <b>49.86</b>	3639-005C <b>55.44</b>	1	18	610
<b>3/4</b>	3629-007C <b>62.82</b>	3639-007C <b>69.82</b>	1	18	610
<b>1</b>	3629-010C <b>74.79</b>	3639-010C <b>83.10</b>	1	12	610
<b>1-1/4</b>	3629-012C <b>118.90</b>	3639-012C <b>132.15</b>	1	8	610
<b>1-1/2</b>	3629-015C <b>125.55</b>	3639-015C <b>139.51</b>	1	8	610
<b>2</b>	3629-020C <b>167.94</b>	3639-020C <b>193.05</b>	1	4	610

**Socket Ends**

<b>2-1/2</b>	3622-025C <b>376.49</b>	3632-025C <b>418.30</b>	1	0	611
<b>3</b>	3622-030C <b>440.22</b>	3632-030C <b>489.16</b>	1	0	611
<b>4</b>	3622-040C <b>797.68</b>	3632-040C <b>886.31</b>	1	0	611

**Threaded Ends**

<b>2-1/2</b>	3621-025C <b>376.49</b>	3631-025C <b>418.30</b>	1	0	611
<b>3</b>	3621-030C <b>440.22</b>	3631-030C <b>489.16</b>	1	0	611
<b>4</b>	3621-040C <b>797.68</b>	3631-040C <b>886.31</b>	1	0	611

**SR Threaded Ends**

<b>1/2</b>	3621-005CSR <b>50.67</b>	3631-005CSR <b>56.23</b>	1	18	610
<b>3/4</b>	3621-007CSR <b>64.80</b>	3631-007CSR <b>71.78</b>	1	18	610
<b>1</b>	3621-010CSR <b>76.73</b>	3631-010CSR <b>85.01</b>	1	18	610
<b>1-1/4</b>	3621-012CSR <b>124.77</b>	3631-012CSR <b>138.00</b>	1	12	610
<b>1-1/2</b>	3621-015CSR <b>131.26</b>	3631-015CSR <b>145.80</b>	1	8	610
<b>2</b>	3621-020CSR <b>174.74</b>	3631-020CSR <b>199.87</b>	1	8	610
<b>2-1/2</b>	3621-025CSR <b>394.87</b>	3631-025CSR <b>436.69</b>	1	0	611
<b>3</b>	3621-030CSR <b>458.59</b>	3631-030CSR <b>507.54</b>	1	0	611
<b>4</b>	3621-040CSR <b>819.15</b>	3631-040CSR <b>908.47</b>	1	0	611

**Spigot Ends**

<b>1/2</b>	3627-005C <b>49.86</b>	3637-005C <b>55.44</b>	1	18	610
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**CPVC Standard (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>3/4</b>	3627-007C <b>62.82</b>	3637-007C <b>69.82</b>	1	18	610
<b>1</b>	3627-010C <b>74.79</b>	3637-010C <b>83.10</b>	1	12	610
<b>1-1/4</b>	3627-012C <b>118.90</b>	3637-012C <b>132.15</b>	1	12	610
<b>1-1/2</b>	3627-015C <b>125.55</b>	3637-015C <b>139.51</b>	1	8	610
<b>2</b>	3627-020C <b>167.94</b>	3637-020C <b>193.05</b>	1	8	610
<b>2-1/2</b>	3627-025C <b>376.49</b>	3637-025C <b>418.30</b>	1	0	611
<b>3</b>	3627-030C <b>440.22</b>	3637-030C <b>489.16</b>	1	0	611
<b>4</b>	3627-040C <b>797.68</b>	3637-040C <b>886.31</b>	1	0	611

**Flanged Ends**

<b>1/2</b>	3623-005C <b>84.63</b>	3633-005C <b>86.46</b>	1	8	610
<b>3/4</b>	3623-007C <b>103.73</b>	3633-007C <b>108.11</b>	1	8	610
<b>1</b>	3623-010C <b>118.76</b>	3633-010C <b>126.07</b>	1	8	610
<b>1-1/4</b>	3623-012C <b>177.45</b>	3633-012C <b>183.67</b>	1	4	610
<b>1-1/2</b>	3623-015C <b>195.20</b>	3633-015C <b>201.69</b>	1	4	610
<b>2</b>	3623-020C <b>271.61</b>	3633-020C <b>323.47</b>	1	0	610
<b>2-1/2</b>	3623-025C <b>506.94</b>	3633-025C <b>608.49</b>	1	0	611
<b>3</b>	3623-030C <b>695.02</b>	3633-030C <b>758.27</b>	1	0	611
<b>4</b>	3623-040C <b>1300.23</b>	3633-040C <b>1352.23</b>	1	0	611



**Thermoplastic Valves**  
**True Union 2000 Industrial Retrofit Ball Valves - Replaces Other Brand Valves**



Industrial Valve

Complete universal replacement valve for domestic and import PVC or CPVC valve. See separate catalog listing for retrofit replacement of older Spears® valves.

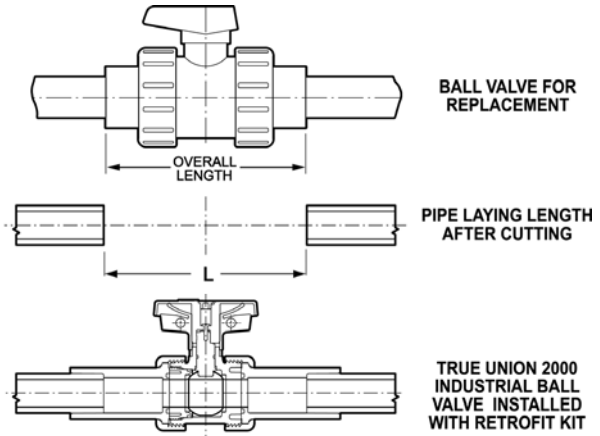
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" = 235 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Suitable for Vacuum Service

Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822R-005 <b>47.21</b>	1832R-005 <b>52.51</b>	1	18	600
<b>3/4</b>	1822R-007 <b>55.86</b>	1832R-007 <b>62.14</b>	1	18	600
<b>1</b>	1822R-010 <b>66.52</b>	1832R-010 <b>74.09</b>	1	12	600
<b>1-1/4</b>	1822R-012 <b>92.02</b>	1832R-012 <b>117.46</b>	1	8	600
<b>1-1/2</b>	1822R-015 <b>110.84</b>	1832R-015 <b>123.04</b>	1	8	600
<b>2</b>	1822R-020 <b>146.26</b>	1832R-020 <b>161.06</b>	1	4	600
<b>2-1/2</b>	1822R-025 <b>281.15</b>	1832R-025 <b>380.96</b>	1	0	601
<b>3</b>	1822R-030 <b>370.67</b>	1832R-030 <b>411.86</b>	1	0	601
<b>4</b>	1822R-040 <b>626.28</b>	1832R-040 <b>695.87</b>	1	0	601

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822R-005C <b>62.35</b>	1832R-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1822R-007C <b>78.52</b>	1832R-007C <b>87.27</b>	1	18	602
<b>1</b>	1822R-010C <b>93.48</b>	1832R-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1822R-012C <b>148.61</b>	1832R-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1822R-015C <b>156.95</b>	1832R-015C <b>174.39</b>	1	8	602
<b>2</b>	1822R-020C <b>209.90</b>	1832R-020C <b>241.30</b>	1	4	602
<b>2-1/2</b>	1822R-025C <b>470.62</b>	1832R-025C <b>522.88</b>	1	0	603
<b>3</b>	1822R-030C <b>550.26</b>	1832R-030C <b>611.45</b>	1	0	603
<b>4</b>	1822R-040C <b>997.11</b>	1832R-040C <b>1107.88</b>	1	0	603



## Thermoplastic Valves

### True Union 2000 Industrial Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves



Industrial Valve

Complete replacement valve for older Spears® 2300 Series Regular True Union Ball Valves. See separate catalog listing for replacement of other brand valves.

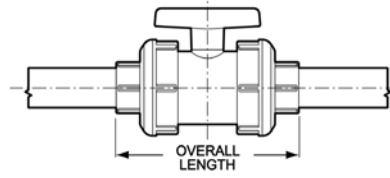
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
1/2" - 4" 235 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Suitable for Vacuum Service

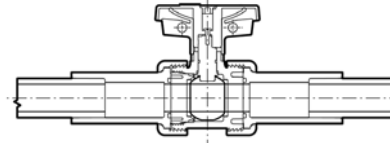
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 INDUSTRIAL BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

### PVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822RS-005 <b>47.21</b>	1832RS-005 <b>52.51</b>	1	18	600
<b>3/4</b>	1822RS-007 <b>55.86</b>	1832RS-007 <b>62.14</b>	1	18	600
<b>1</b>	1822RS-010 <b>66.52</b>	1832RS-010 <b>74.09</b>	1	12	600
<b>1-1/4</b>	1822RS-012 <b>92.02</b>	1832RS-012 <b>117.46</b>	1	8	600
<b>1-1/2</b>	1822RS-015 <b>110.84</b>	1832RS-015 <b>123.04</b>	1	8	600
<b>2</b>	1822RS-020 <b>146.26</b>	1832RS-020 <b>161.06</b>	1	4	600
<b>2-1/2</b>	1822RS-025 <b>281.15</b>	1832RS-025 <b>380.96</b>	1	0	601
<b>3</b>	1822RS-030 <b>370.67</b>	1832RS-030 <b>411.86</b>	1	0	601
<b>4</b>	1822RS-040 <b>626.28</b>	1832RS-040 <b>695.87</b>	1	0	601

### CPVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1822RS-005C <b>62.35</b>	1832RS-005C <b>69.28</b>	1	18	602
<b>3/4</b>	1822RS-007C <b>78.52</b>	1832RS-007C <b>87.27</b>	1	18	602
<b>1</b>	1822RS-010C <b>93.48</b>	1832RS-010C <b>103.86</b>	1	12	602
<b>1-1/4</b>	1822RS-012C <b>148.61</b>	1832RS-012C <b>165.17</b>	1	8	602
<b>1-1/2</b>	1822RS-015C <b>156.95</b>	1832RS-015C <b>174.39</b>	1	8	602
<b>2</b>	1822RS-020C <b>209.90</b>	1832RS-020C <b>241.30</b>	1	4	602
<b>2-1/2</b>	1822RS-025C <b>470.62</b>	1832RS-025C <b>522.88</b>	1	0	603
<b>3</b>	1822RS-030C <b>550.26</b>	1832RS-030C <b>611.45</b>	1	0	603
<b>4</b>	1822RS-040C <b>997.11</b>	1832RS-040C <b>1107.88</b>	1	0	603



## Thermoplastic Valves True Union 2000 Standard Retrofit Ball Valves - Replaces Other Brand Valves



Standard Valve

Complete universal replacement valve for domestic and import PVC or CPVC valve. See separate catalog listing for retrofit replacement of older Spears® valves.

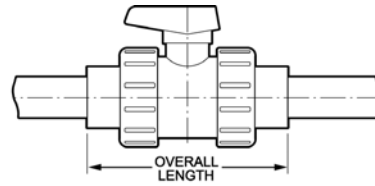
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
1/2" - 2" 235 psi  
2-1/2" - 4" 150 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant.

Suitable for Vacuum Service.

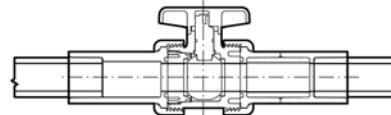
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 STANDARD BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

### PVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	3622R-005 37.78	3632R-005 42.02	1	18	608
3/4	3622R-007 44.68	3632R-007 49.70	1	12	608
1	3622R-010 53.22	3632R-010 59.28	1	8	608
1-1/4	3622R-012 73.61	3632R-012 93.96	1	8	608
1-1/2	3622R-015 88.68	3632R-015 98.44	1	8	608
2	3622R-020 117.02	3632R-020 128.84	1	4	608
2-1/2	3622R-025 224.15	3632R-025 304.76	1	0	609
3	3622R-030 296.53	3632R-030 329.47	1	0	609
4	3622R-040 500.87	3632R-040 556.71	1	0	609

### CPVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	3622R-005C 49.86	3632R-005C 55.44	1	18	610
3/4	3622R-007C 62.82	3632R-007C 69.82	1	12	610
1	3622R-010C 74.79	3632R-010C 83.10	1	8	610
1-1/4	3622R-012C 118.90	3632R-012C 132.15	1	8	610
1-1/2	3622R-015C 125.55	3632R-015C 139.51	1	8	610
2	3622R-020C 167.94	3632R-020C 193.05	1	4	610
2-1/2	3622R-025C 376.49	3632R-025C 418.30	1	0	611
3	3622R-030C 440.22	3632R-030C 489.16	1	0	611
4	3622R-040C 797.68	3632R-040C 886.31	1	0	611

**Thermoplastic Valves**  
 True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves & True Union Ball Valves (Regular Style)



**True Union 2000 Standard Retrofit Ball Valves - Replaces Spears® "Regular Style" Valves**



Standard Valve

Complete replacement valve for older Spears® 2300 Series Regular True Union Ball Valves. See separate catalog listing for replacement of other brand valves.

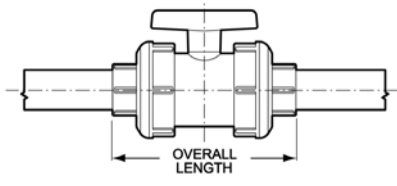
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 4" 150 psi

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Suitable for Vacuum Service

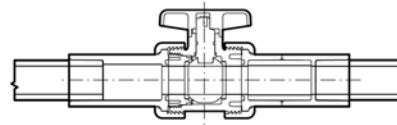
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



BALL VALVE FOR REPLACEMENT



PIPE LAYING LENGTH AFTER CUTTING



TRUE UNION 2000 STANDARD BALL VALVE INSTALLED WITH RETROFIT KIT

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

**PVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	3622RS-005 37.78	3632RS-005 42.02	1	18	608
3/4	3622RS-007 44.68	3632RS-007 49.70	1	18	608
1	3622RS-010 53.22	3632RS-010 59.28	1	12	608
1-1/4	3622RS-012 73.61	3632RS-012 93.96	1	8	608
1-1/2	3622RS-015 88.68	3632RS-015 98.44	1	8	608
2	3622RS-020 117.02	3632RS-020 128.84	1	4	608
2-1/2	3622RS-025 224.15	3632RS-025 304.76	1	0	609
3	3622RS-030 296.53	3632RS-030 329.47	1	0	609
4	3622RS-040 500.87	3632RS-040 556.71	1	0	609

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	3622RS-005C 49.86	3632RS-005C 55.44	1	18	610
3/4	3622RS-007C 62.82	3632RS-007C 69.82	1	18	610
1	3622RS-010C 74.79	3632RS-010C 83.10	1	12	610
1-1/4	3622RS-012C 118.90	3632RS-012C 132.15	1	8	610
1-1/2	3622RS-015C 125.55	3632RS-015C 139.51	1	8	610
2	3622RS-020C 167.94	3632RS-020C 193.05	1	4	610
2-1/2	3622RS-025C 376.49	3632RS-025C 418.30	1	0	611
3	3622RS-030C 440.22	3632RS-030C 489.16	1	0	611
4	3622RS-040C 797.68	3632RS-040C 886.31	1	0	611

**True Union Ball Valves (Regular Style)**



Socket/Threaded Style



Flanged Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 2-1/2" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service  
 All Valves assembled with Silicone-Free, Water Soluble Lubricant.

6" Venturied Valves are 4" Ball Valves equipped with 4x6 End Connectors.

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1/2	2329-005 54.37	2339-005 60.50	1	18	230
3/4	2329-007 64.31	2339-007 71.57	1	12	230
1	2329-010 76.61	2339-010 85.33	1	8	230

**PVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1-1/4	2329-012 105.97	2339-012 135.26	1	8	230
1-1/2	2329-015 127.68	2339-015 141.70	1	8	230
2	2329-020 168.44	2339-020 185.49	1	4	230

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
 Progressive Products from Spears® Innovation and Technology



## Thermoplastic Valves True Union Ball Valves (Regular Style)

### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket Ends

<b>2-1/2</b>	2322-025 <b>307.61</b>	2332-025 <b>416.81</b>	1	0	230
<b>3</b>	2322-030 <b>405.56</b>	2332-030 <b>450.63</b>	1	0	230
<b>4</b>	2322-040 <b>685.23</b>	2332-040 <b>761.35</b>	1	0	230

#### Socket Venturied Ends

<b>6 VENTURIED</b>	2322-060 <b>914.24</b>	2332-060 <b>996.12</b>	1	0	231
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#### Threaded Ends

<b>2-1/2</b>	2321-025 <b>307.61</b>	2331-025 <b>416.81</b>	1	0	230
<b>3</b>	2321-030 <b>405.56</b>	2331-030 <b>450.63</b>	1	0	230
<b>4</b>	2321-040 <b>685.23</b>	2331-040 <b>761.35</b>	1	0	230

#### Flanged Ends

<b>1/2</b>	2323-005 <b>77.78</b>	2333-005 <b>82.97</b>	6	0	230
<b>3/4</b>	2323-007 <b>98.53</b>	2333-007 <b>107.16</b>	5	0	230
<b>1</b>	2323-010 <b>119.27</b>	2333-010 <b>128.21</b>	5	0	230
<b>1-1/4</b>	2323-012 <b>140.00</b>	2333-012 <b>155.56</b>	2	0	230
<b>1-1/2</b>	2323-015 <b>176.32</b>	2333-015 <b>191.84</b>	3	0	230
<b>2</b>	2323-020 <b>280.78</b>	2333-020 <b>297.78</b>	2	0	230
<b>2-1/2</b>	2323-025 <b>492.60</b>	2333-025 <b>500.72</b>	1	0	230
<b>3</b>	2323-030 <b>544.45</b>	2333-030 <b>675.97</b>	1	0	230
<b>4</b>	2323-040 <b>1094.70</b>	2333-040 <b>1268.95</b>	1	0	230

#### Flanged Venturied Ends

<b>6 VENTURIED</b>	2323-060 <b>1596.52</b>	2333-060 <b>1637.43</b>	1	0	231
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### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket & Threaded Ends

Threaded End Connectors available on request

<b>1/2</b>	2329-005C <b>71.79</b>	2339-005C <b>79.80</b>	1	18	232
<b>3/4</b>	2329-007C <b>90.45</b>	2339-007C <b>100.51</b>	1	12	232
<b>1</b>	2329-010C <b>107.65</b>	2339-010C <b>119.62</b>	1	8	232
<b>1-1/4</b>	2329-012C <b>171.15</b>	2339-012C <b>190.23</b>	1	8	232
<b>1-1/2</b>	2329-015C <b>180.76</b>	2339-015C <b>200.85</b>	1	8	232
<b>2</b>	2329-020C <b>241.77</b>	2339-020C <b>277.90</b>	1	4	232

#### Socket Ends

<b>2-1/2</b>	2322-025C <b>514.91</b>	2332-025C <b>572.10</b>	1	0	232
<b>3</b>	2322-030C <b>602.06</b>	2332-030C <b>668.98</b>	1	0	232
<b>4</b>	2322-040C <b>1090.95</b>	2332-040C <b>1212.17</b>	1	0	232

#### Socket Venturied Ends

<b>6 VENTURIED</b>	2322-060C <b>1814.86</b>	2332-060C <b>1883.05</b>	1	0	233
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#### Threaded Ends

<b>2-1/2</b>	2321-025C <b>514.91</b>	2331-025C <b>572.10</b>	1	0	232
<b>3</b>	2321-030C <b>602.06</b>	2331-030C <b>668.98</b>	1	0	232
<b>4</b>	2321-040C <b>1090.95</b>	2331-040C <b>1212.17</b>	1	0	232

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Flanged Ends

<b>1/2</b>	2323-005C <b>121.82</b>	2333-005C <b>124.45</b>	6	0	232
<b>3/4</b>	2323-007C <b>149.34</b>	2333-007C <b>155.56</b>	5	0	232
<b>1</b>	2323-010C <b>170.99</b>	2333-010C <b>181.50</b>	5	0	232
<b>1-1/4</b>	2323-012C <b>255.45</b>	2333-012C <b>264.41</b>	2	0	232
<b>1-1/2</b>	2323-015C <b>281.00</b>	2333-015C <b>290.33</b>	3	0	232
<b>2</b>	2323-020C <b>391.02</b>	2333-020C <b>465.68</b>	2	0	232
<b>2-1/2</b>	2323-025C <b>693.31</b>	2333-025C <b>832.19</b>	1	0	232
<b>3</b>	2323-030C <b>1013.93</b>	2333-030C <b>1037.03</b>	1	0	232
<b>4</b>	2323-040C <b>1778.24</b>	2333-040C <b>1849.36</b>	1	0	232

#### Flanged Venturied Ends

<b>6 VENTURIED</b>	2323-060C <b>2756.35</b>	2333-060C <b>2851.87</b>	1	0	233
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## Thermoplastic Valves Single Entry Ball Valves



PVC White – Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 3" - 4" 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 Temperature/Pressure Deratings Apply  
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free, Water Soluble Lubricant. See  
 Ball Valve Accessories & Repair Kits Section for Additional Options and  
 Features



PVC Gray – Socket/Threaded Style

### PVC White

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2411-005W 18.07	2421-005W 20.04	2431-005W 22.29	10	120	240
3/4	2411-007W 24.46	2421-007W 25.22	2431-007W 28.03	10	80	240
1	2411-010W 26.70	2421-010W 29.66	2431-010W 32.98	10	0	240
1-1/4	2411-012W 37.13	2421-012W 41.29	2431-012W 45.87	6	0	240
1-1/2	2411-015W 48.13	2421-015W 55.88	2431-015W 60.59	5	0	240
2	2411-020W 54.18	2421-020W 60.14	2431-020W 66.85	5	0	240
3	2411-030W 197.05	2421-030W 244.45	2431-030W 281.85	1	0	240
4	2411-040W 416.55	2421-040W 458.93	2431-040W 498.88	1	0	240

### Socket Ends

1/2	2412-005W 18.07	2422-005W 20.04	2432-005W 22.29	10	120	240
3/4	2412-007W 24.46	2422-007W 25.22	2432-007W 28.03	10	80	240
1	2412-010W 26.70	2422-010W 29.66	2432-010W 32.98	10	0	240
1-1/4	2412-012W 37.13	2422-012W 41.29	2432-012W 45.87	6	0	240
1-1/2	2412-015W 48.13	2422-015W 55.88	2432-015W 60.60	5	0	240
2	2412-020W 54.18	2422-020W 60.14	2432-020W 66.85	5	0	240
3	2412-030W 197.05	2422-030W 244.45	2432-030W 281.85	1	0	240
4	2412-040W 416.55	2422-040W 458.93	2432-040W 498.88	1	0	240

### PVC Gray

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2411-005G 19.84	2421-005G 21.99	2431-005G 24.46	10	120	240
3/4	2411-007G 24.99	2421-007G 27.80	2431-007G 30.87	10	80	240
1	2411-010G 29.40	2421-010G 32.63	2431-010G 36.27	10	0	240
1-1/4	2411-012G 40.83	2421-012G 45.39	2431-012G 50.37	6	0	240
1-1/2	2411-015G 51.40	2421-015G 60.21	2431-015G 66.96	5	0	240
2	2411-020G 59.52	2421-020G 66.14	2431-020G 73.45	5	0	240
3	2411-030G 207.45	2421-030G 257.29	2431-030G 296.69	1	0	240
4	2411-040G 438.45	2421-040G 483.10	2431-040G 525.12	1	0	240

### Socket Ends

1/2	2412-005G 19.84	2422-005G 21.99	2432-005G 24.46	10	120	240
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### PVC Gray (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>						
3/4	2412-007G 24.99	2422-007G 27.80	2432-007G 30.87	10	80	240
1	2412-010G 29.40	2422-010G 32.63	2432-010G 36.27	10	0	240
1-1/4	2412-012G 40.83	2422-012G 45.39	2432-012G 50.37	5	0	240
1-1/2	2412-015G 51.46	2422-015G 60.21	2432-015G 66.96	5	0	240
2	2412-020G 59.52	2422-020G 66.14	2432-020G 73.45	5	0	240
3	2412-030G 207.45	2422-030G 257.29	2432-030G 296.69	1	0	240
4	2412-040G 438.45	2422-040G 483.10	2432-040G 525.12	1	0	240



## Thermoplastic Valves Compact 2000 Ball Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure Deratings Apply  
 All Valves Assembled with Silicone-Free, Water Soluble Lubricants.  
 Rated for Vacuum Service  
 Compact 2000 Ball Valves are a Maintenance-Free, Sealed Unit (non-repairable).  
 See Ball Valve Accessories & Repair Kits Section for Additional Options and Features.

### PVC 2000 Compact Ball Valve

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>1/2</b>	6622-005 20.11	6632-005 22.64	10	120	210
<b>3/4</b>	6622-007 27.44	6632-007 28.09	10	80	210
<b>1</b>	6622-010 29.95	6632-010 33.59	10	0	210
<b>1-1/4</b>	6622-012 45.06	6632-012 52.07	6	0	210
<b>1-1/2</b>	6622-015 53.67	6632-015 59.69	5	0	210
<b>2</b>	6622-020 71.65	6632-020 80.50	8	0	210

#### Threaded Ends

<b>1/2</b>	6621-005 20.11	6631-005 22.64	10	120	210
<b>3/4</b>	6621-007 27.44	6631-007 28.09	10	80	210
<b>1</b>	6621-010 29.95	6631-010 33.59	10	0	210
<b>1-1/4</b>	6621-012 49.32	6631-012 52.07	6	0	210
<b>1-1/2</b>	6621-015 53.67	6631-015 59.69	5	0	210
<b>2</b>	6621-020 71.65	6631-020 80.50	8	0	210

#### Flanged Ends

<b>1/2</b>	6623-005 42.35	6633-005 44.50	10	120	210
<b>3/4</b>	6623-007 47.83	6633-007 49.50	10	120	210
<b>1</b>	6623-010 62.33	6633-010 65.67	10	120	210
<b>1-1/4</b>	6623-012 77.83	6633-012 83.50	10	120	210
<b>1-1/2</b>	6623-015 94.16	6633-015 102.35	10	120	210
<b>2</b>	6623-020 125.66	6633-020 131.17	10	120	210

### CPVC 2000 Compact Ball Valve

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>1/2</b>	6622-005C 23.68	6632-005C 26.35	10	120	212
<b>3/4</b>	6622-007C 31.24	6632-007C 35.10	10	80	212
<b>1</b>	6622-010C 39.04	6632-010C 43.90	10	0	212
<b>1-1/4</b>	6622-012C 63.89	6632-012C 78.96	6	0	212
<b>1-1/2</b>	6622-015C 79.02	6632-015C 87.80	5	0	212
<b>2</b>	6622-020C 103.52	6632-020C 116.31	8	0	212

#### Threaded Ends

<b>1/2</b>	6621-005C 23.68	6631-005C 26.35	10	120	212
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### CPVC 2000 Compact Ball Valve (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>					
<b>3/4</b>	6621-007C 31.24	6631-007C 35.10	10	80	212
<b>1</b>	6621-010C 39.04	6631-010C 43.90	10	0	212
<b>1-1/4</b>	6621-012C 63.89	6631-012C 78.96	6	0	212
<b>1-1/2</b>	6621-015C 79.02	6631-015C 87.80	5	0	212
<b>2</b>	6621-020C 103.52	6631-020C 116.31	8	0	212

#### Flanged Ends

<b>1/2</b>	6623-005C 64.80	6633-005C 66.80	1	0	212
<b>3/4</b>	6623-007C 76.60	6633-007C 79.98	1	0	212
<b>1</b>	6623-010C 100.80	6633-010C 106.75	1	0	212
<b>1-1/4</b>	6623-012C 126.80	6633-012C 133.60	1	0	212
<b>1-1/2</b>	6623-015C 160.20	6633-015C 169.79	1	0	212
<b>2</b>	6623-020C 223.20	6633-020C 229.80	1	0	212



## Thermoplastic Valves Compact Ball Valves (Regular Style)



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 3" - 6" 150 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free, Water Soluble Lubricants.

See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

Note: Standard 6" Valve uses Lever-Style Handle for proper leverage.

T-Handle option is more compact but will increase difficulty of operation.

Socket/Threaded Style

### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>1/2</b>	2122-005 <b>21.16</b>	2132-005 <b>23.83</b>	10	80	210
<b>3/4</b>	2122-007 <b>28.88</b>	2132-007 <b>29.57</b>	10	0	210
<b>1</b>	2122-010 <b>31.51</b>	2132-010 <b>35.38</b>	10	0	210
<b>1-1/4</b>	2122-012 <b>56.51</b>	2132-012 <b>62.82</b>	6	0	210
<b>1-1/2</b>	2122-015 <b>69.97</b>	2132-015 <b>73.11</b>	5	0	210
<b>2</b>	2122-020 <b>75.41</b>	2132-020 <b>84.74</b>	6	0	210
<b>3</b>	2122-030 <b>245.11</b>	2132-030 <b>275.37</b>	1	4	211
<b>4</b>	2122-040 <b>377.10</b>	2132-040 <b>542.81</b>	1	0	211
6 (Lever Handle)	2122-060 <b>489.73</b>	2132-060 <b>704.95</b>	1	0	211
6 (Tee Handle)	21226-060 <b>489.73</b>	21326-060 <b>704.95</b>	1	0	211

### Threaded Ends

<b>1/2</b>	2121-005 <b>21.16</b>	2131-005 <b>23.83</b>	10	80	210
<b>3/4</b>	2121-007 <b>28.88</b>	2131-007 <b>29.57</b>	10	0	210
<b>1</b>	2121-010 <b>31.51</b>	2131-010 <b>35.38</b>	10	0	210
<b>1-1/4</b>	2121-012 <b>56.51</b>	2131-012 <b>62.82</b>	6	0	210
<b>1-1/2</b>	2121-015 <b>69.97</b>	2131-015 <b>73.11</b>	5	0	210
<b>2</b>	2121-020 <b>75.41</b>	2131-020 <b>84.74</b>	6	0	210
<b>3</b>	2121-030 <b>245.11</b>	2131-030 <b>275.37</b>	1	4	211
<b>4</b>	2121-040 <b>377.10</b>	2131-040 <b>542.81</b>	1	0	211

### Flanged Ends

<b>1/2</b>	2123-005 <b>46.78</b>	2133-005 <b>49.83</b>	1	8	210
<b>3/4</b>	2123-007 <b>56.60</b>	2133-007 <b>58.85</b>	1	8	210
<b>1</b>	2123-010 <b>62.44</b>	2133-010 <b>66.29</b>	1	8	210
<b>1-1/4</b>	2123-012 <b>88.40</b>	2133-012 <b>94.71</b>	1	8	210
<b>1-1/2</b>	2123-015 <b>102.28</b>	2133-015 <b>107.09</b>	1	4	210
<b>2</b>	2123-020 <b>118.72</b>	2133-020 <b>127.96</b>	1	0	210
<b>3</b>	2123-030 <b>318.94</b>	2133-030 <b>349.21</b>	1	0	211
<b>4</b>	2123-040 <b>470.46</b>	2133-040 <b>636.16</b>	1	0	211
6 (Lever Handle)	2123-060 <b>905.83</b>	2133-060 <b>997.09</b>	1	0	211

### PVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
6 (Tee Handle)	21236-060 <b>905.83</b>	21336-060 <b>997.09</b>	1	0	211

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>1/2</b>	2122-005C <b>24.93</b>	2132-005C <b>27.72</b>	10	80	212
<b>3/4</b>	2122-007C <b>32.88</b>	2132-007C <b>36.96</b>	10	0	212
<b>1</b>	2122-010C <b>41.11</b>	2132-010C <b>46.21</b>	10	0	212
<b>1-1/4</b>	2122-012C <b>83.18</b>	2132-012C <b>92.39</b>	6	0	212
<b>1-1/2</b>	2122-015C <b>102.77</b>	2132-015C <b>108.04</b>	5	0	212
<b>2</b>	2122-020C <b>108.98</b>	2132-020C <b>122.45</b>	6	0	212
<b>3</b>	2122-030C <b>331.59</b>	2132-030C <b>369.84</b>	1	4	213
<b>4</b>	2122-040C <b>612.98</b>	2132-040C <b>688.69</b>	1	0	213
6 (Lever Handle)	2122-060C <b>1001.78</b>	2132-060C <b>1067.44</b>	1	0	213
6 (Tee Handle)	21226-060C <b>1001.78</b>	21326-060C <b>1067.44</b>	1	0	213

### Threaded Ends

<b>1/2</b>	2121-005C <b>24.93</b>	2131-005C <b>27.72</b>	10	80	212
<b>3/4</b>	2121-007C <b>32.88</b>	2131-007C <b>36.96</b>	10	0	212
<b>1</b>	2121-010C <b>41.11</b>	2131-010C <b>46.21</b>	10	0	212
<b>1-1/4</b>	2121-012C <b>83.18</b>	2131-012C <b>92.39</b>	6	0	212
<b>1-1/2</b>	2121-015C <b>102.77</b>	2131-015C <b>108.04</b>	5	0	212
<b>2</b>	2121-020C <b>108.98</b>	2131-020C <b>122.45</b>	6	0	212
<b>3</b>	2121-030C <b>331.59</b>	2131-030C <b>369.84</b>	1	4	213
<b>4</b>	2121-040C <b>612.98</b>	2131-040C <b>688.69</b>	1	0	213

### Flanged Ends

<b>1/2</b>	2123-005C <b>69.49</b>	2133-005C <b>72.30</b>	1	8	212
<b>3/4</b>	2123-007C <b>80.68</b>	2133-007C <b>84.76</b>	1	8	212
<b>1</b>	2123-010C <b>95.40</b>	2133-010C <b>100.52</b>	1	8	212
<b>1-1/4</b>	2123-012C <b>150.33</b>	2133-012C <b>159.56</b>	1	8	212
<b>1-1/2</b>	2123-015C <b>188.00</b>	2133-015C <b>193.81</b>	1	4	212



## Thermoplastic Valves Compact Ball Valves (Regular Style) & Lab Ball Valves

### Compact Ball Valves (Regular Style)

#### CPVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>2</b>	2123-020C <b>212.90</b>	2133-020C <b>226.37</b>	1	0	212
<b>3</b>	2123-030C <b>509.85</b>	---	1	0	213
<b>4</b>	2123-040C <b>796.45</b>	2133-040C <b>872.15</b>	1	0	213
<b>6 (Lever Handle)</b>	2123-060C <b>1512.80</b>	2133-060C <b>1622.91</b>	1	0	213
<b>6 (Tee Handle)</b>	21236-060C <b>1512.80</b>	21336-060C <b>1622.91</b>	1	0	213

### Lab Ball Valves



Socket/Threaded Valve Only

Pressure Rating @ 73°F (23°C), Water  
1/4" - 3/8" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
Rated for Vacuum Service

#### Valve & Adapters includes:

- 1 - Threaded 1/4" Valve
- 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
- 2 - EPDM or Viton® O-rings (AS568-013 size)
- 1 - End Connector Wrench
- 2 - O-ring Sealed 1/4" MPT x 3/8" I.D. Tubing Barb Adapters
- OR -
- 2 - O-ring Sealed 1/4" MPT x 1/4" I.D. Tubing Barb Adapters



Valve & Adapters

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

#### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Valve &amp; Adapters Threaded Ends</b>					
<b>1/4X1/4T</b>	1529-002A <b>24.46</b>	1539-002A <b>25.57</b>	1	25	218
<b>1/4X3/8T</b>	1529-002 <b>24.46</b>	1539-002 <b>25.57</b>	1	25	218

#### Valve only Threaded Ends

<b>1/4</b>	1521-002 <b>19.55</b>	1531-002 <b>21.76</b>	50	200	218
<b>3/8</b>	1521-003 <b>27.48</b>	1531-003 <b>30.47</b>	50	200	218

#### Valve only Socket Ends

<b>1/4</b>	1522-002 <b>19.55</b>	1532-002 <b>22.12</b>	50	200	218
<b>3/8</b>	1522-003 <b>27.48</b>	1532-003 <b>30.47</b>	50	200	218

#### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Valve &amp; Adapters Threaded Ends</b>					
<b>1/4X1/4T</b>	1529-002CA <b>29.36</b>	1539-002CA <b>29.93</b>	1	25	219
<b>1/4X3/8T</b>	1529-002C <b>29.36</b>	1539-002C <b>29.93</b>	1	25	219

#### Valve only Threaded Ends

<b>1/4</b>	1521-002C <b>23.51</b>	1531-002C <b>25.85</b>	50	200	219
<b>3/8</b>	1521-003C <b>32.97</b>	1531-003C <b>30.90</b>	50	200	219

#### Valve only Socket Ends

<b>1/4</b>	1522-002C <b>23.51</b>	1532-002C <b>27.98</b>	50	200	219
<b>3/8</b>	1522-003C <b>32.97</b>	1532-003C <b>36.60</b>	50	200	219

## Thermoplastic Valves Utility Ball Valves



Pressure Rating @ 73°F (23°C), Water  
1/2" - 6" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free,  
Water Soluble Lubricant

**Note:** Standard 6" Valve uses Lever-Style Handle for proper leverage.

### PVC w/EPDM O-ring Seal

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
<b>PVC White</b>					
<b>1/2</b>	2621-005 <b>8.90</b>	2622-005 <b>8.90</b>	50	0	215
<b>3/4</b>	2621-007 <b>10.56</b>	2622-007 <b>10.56</b>	25	0	215
<b>1</b>	2621-010 <b>14.36</b>	2622-010 <b>14.36</b>	25	0	215
<b>1-1/4</b>	2621-012 <b>19.03</b>	2622-012 <b>19.03</b>	20	0	215
<b>1-1/2</b>	2621-015 <b>29.04</b>	2622-015 <b>29.04</b>	20	0	215
<b>2</b>	2621-020 <b>36.71</b>	2622-020 <b>36.71</b>	8	0	215
<b>2-1/2</b>	2621-025 <b>62.83</b>	2622-025 <b>62.83</b>	6	0	214
<b>3</b>	2621-030 <b>112.69</b>	2622-030 <b>112.69</b>	1	4	214
<b>4</b>	2621-040 <b>206.54</b>	2622-040 <b>206.54</b>	1	0	214
6 (Lever Handle)	---	2622-060 <b>333.22</b>	1	0	214

### PVC Gray

<b>1/2</b>	2621-005G <b>8.90</b>	2622-005G <b>8.90</b>	50	0	215
<b>3/4</b>	2621-007G <b>10.56</b>	2622-007G <b>10.56</b>	25	0	215
<b>1</b>	2621-010G <b>14.36</b>	2622-010G <b>14.36</b>	25	0	215
<b>1-1/4</b>	2621-012G <b>19.03</b>	2622-012G <b>19.03</b>	20	0	215
<b>1-1/2</b>	2621-015G <b>29.04</b>	2622-015G <b>29.04</b>	20	0	215
<b>2</b>	2621-020G <b>36.71</b>	2622-020G <b>36.71</b>	8	0	215
<b>2-1/2</b>	2621-025G <b>62.83</b>	2622-025G <b>62.83</b>	6	0	214
<b>3</b>	2621-030G <b>112.69</b>	2622-030G <b>112.69</b>	1	4	214
<b>4</b>	2621-040G <b>206.54</b>	2622-040G <b>206.54</b>	1	0	214

### CPVC w/EPDM O-ring Seal

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>1/2</b>	2621-005C <b>11.73</b>	2622-005C <b>11.73</b>	50	0	216
<b>3/4</b>	2621-007C <b>14.91</b>	2622-007C <b>14.91</b>	25	0	216
<b>1</b>	2621-010C <b>16.20</b>	2622-010C <b>16.20</b>	25	0	216
<b>1-1/4</b>	2621-012C <b>22.83</b>	2622-012C <b>22.83</b>	20	0	216
<b>1-1/2</b>	2621-015C <b>35.40</b>	2622-015C <b>35.40</b>	20	0	216
<b>2</b>	2621-020C <b>44.03</b>	2622-020C <b>44.03</b>	8	0	216



## Thermoplastic Valves CWV Ball Valves & Swing Check Ball Valve

### CWV Ball Valves



**A Combination of Economy & Quality - Made in the U.S.A.  
For Greater Value in a General Purpose Cold Water Valve**

Pressure Rating @ 73°F (23°C), Water = 125 psi

You don't have to go overseas to find an economical general purpose ball valve! Spears® CWV BALL VALVES are produced in the U.S.A. with Spears® high quality construction and NSF® Certified for potable water service. Designed for use with cold water, these PVC valves may be suitable for some applications previously handled by Spears® Utility Valves. Available in IPS sizes 1/2" through 2" with a Full 1-Year Warranty.

#### CWV PVC Ball Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Socket Ends</b>					
8722-005	1/2	50	0	204	8.01
8722-007	3/4	25	0	204	9.50
8722-010	1	25	0	204	12.92
8722-012	1-1/4	20	0	204	17.13
8722-015	1-1/2	20	0	204	26.14
8722-020	2	10	0	204	33.04

#### CWV PVC Ball Valve

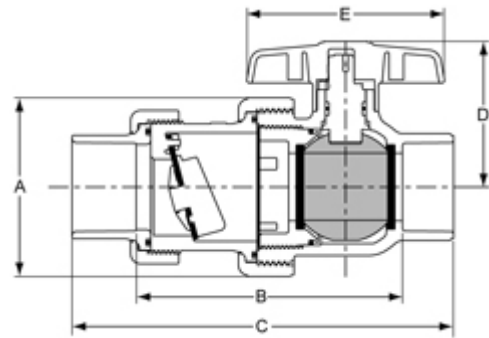
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Threaded Ends</b>					
8721-005	1/2	50	0	204	9.89
8721-007	3/4	25	0	204	11.73
8721-010	1	25	0	204	15.96
8721-012	1-1/4	20	0	204	21.14
8721-015	1-1/2	20	0	204	32.27
8721-020	2	10	0	204	40.79

### Swing Check Ball Valve



- One-piece Combination for Applications Requiring In-line Ball Valve and Check Valves
- Compact, Space-Saving Design
- True Union Design Allows Easy Service and Cleaning
- High Grade EPDM Seals
- Replaceable PTFE HDPE Ball Valve Seats
- Safety-Blocked™ Seal Carrier on Ball Valve
- Replaceable Sealed Check Valve Cartridge
- Suitable for Horizontal or Vertical Up-flow Installations
- Socket End Connections

**Pressure Rating @ 73°F (23°C), Water**  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
**Maximum Service Temperature**  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply



Size	A	B	C	D	E
1-1/2	3-7/8	5-3/4	8-1/4	3-3/16	4-1/4
2	4-7/16	6-11/16	9-3/8	3-7/8	5-1/16

**General Installation Information:** Swing Check Ball Valves are designed for horizontal installations, but may be installed in up-flow only vertical position. The Check Valve portion **MUST** be installed with the valve's FLOW arrow pointing in the direction of flow and with the designated side up in horizontal installations. Do Not install Check Valve upside down. The Ball Valve portion may be rotated and installed in any position. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure is less than 0.5 psi.

#### PVC Swing Check Ball Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Soc x Soc</b>					
7622-015	1-1/2	10	0	026	40.44
7622-020	2	6	0	026	58.04

Thermoplastic Valves  
CTS Valves



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC CTS Ball Valves**  
Socket with EPDM O-ring Seal



100 psi Maximum Internal Pressure @ 180°F (82°C)

1922-005	<b>1/2</b>	50	200	217	31.72
1922-007	<b>3/4</b>	25	0	217	37.50
1922-010	<b>1</b>	25	0	217	43.25
1922-012	<b>1-1/4</b>	20	0	217	67.15
1922-015	<b>1-1/2</b>	20	0	217	96.84
1922-020	<b>2</b>	8	0	217	124.06

For additional valve information, please refer to Spears® Thermoplastic Valves & Accessories Product Guide & Engineering Specifications V-4.

**1/4-Turn Angle Supply Stop**  
Socket x NPT



100 psi @ 180°F (82°C)

1/2" & 3/8" Male Thread for Connection to Female Flexible Supply Line

7722-005	<b>1/2</b>	50	400	217	15.61
7722-073	<b>1/2X3/8</b>	50	400	217	15.61

**1/4-Turn Angle Supply Stop**  
SR FPT x NPT



100 psi @ 180°F (82°C)

1/2" & 3/8" Male Thread for Connection to Female Flexible Supply Line

7721-005SR	<b>1/2</b>	50	400	217	38.66
7721-073SR	<b>1/2X3/8</b>	50	400	217	38.66

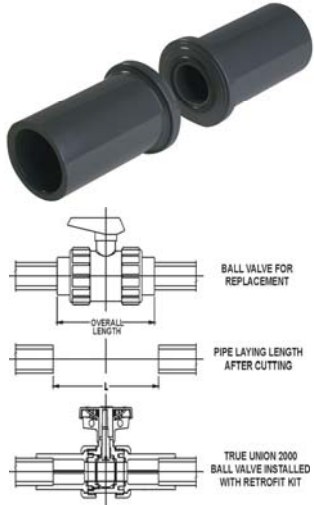


## Thermoplastic Valves Ball Valve Accessories & Repair Kits

### Retrofit End Connector Sets (Socket Style Only)

Special extended Socket end connectors allow in-line replacement of other brand valves with Spears® True Union 2000 Ball Valves, 3-Way Ball Valves, and True Union 2000 Ball Check Valves. Kit includes 2 Extended End Connectors with O-rings

#### Retrofit Kit For Other Brand Valves



Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	4-29/32	5-7/16	6-3/32	7-1/4	7-1/2	8-17/32	10-3/4	11-7/16	14-15/16

### True Union Retrofit Kits - Other Brand Valves (Socket Style Only) PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	RFK2-005 <b>9.65</b>	RFK3-005 <b>12.57</b>	1	25	299
<b>3/4</b>	RFK2-007 <b>12.56</b>	RFK3-007 <b>14.35</b>	1	25	299
<b>1</b>	RFK2-010 <b>14.22</b>	RFK3-010 <b>16.61</b>	1	25	299
<b>1-1/4</b>	RFK2-012 <b>16.71</b>	RFK3-012 <b>23.73</b>	1	10	299
<b>1-1/2</b>	RFK2-015 <b>20.96</b>	RFK3-015 <b>27.36</b>	1	10	299
<b>2</b>	RFK2-020 <b>30.19</b>	RFK3-020 <b>37.73</b>	1	10	299
<b>2-1/2</b>	RFK2-025 <b>55.55</b>	RFK3-025 <b>75.60</b>	1	5	299
<b>3</b>	RFK2-030 <b>73.89</b>	RFK3-030 <b>92.34</b>	1	5	299
<b>4</b>	RFK2-040 <b>109.05</b>	RFK3-040 <b>156.06</b>	1	4	299

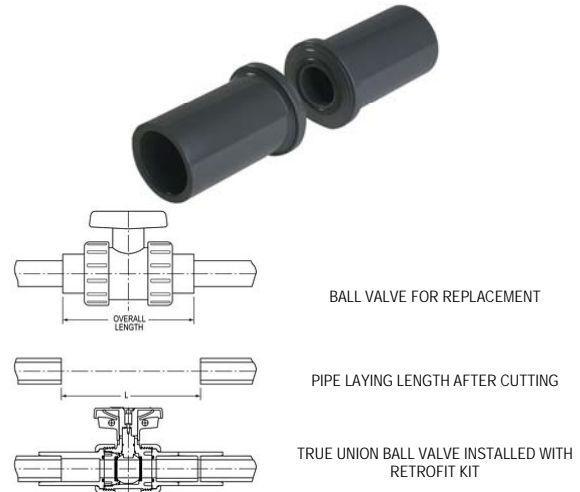
### True Union Retrofit Kits - Other Brand Valves (Socket Style Only) CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	RFK2-005C <b>14.01</b>	RFK3-005C <b>15.18</b>	1	25	299
<b>3/4</b>	RFK2-007C <b>15.77</b>	RFK3-007C <b>19.14</b>	1	25	299
<b>1</b>	RFK2-010C <b>18.02</b>	RFK3-010C <b>21.97</b>	1	25	299
<b>1-1/4</b>	RFK2-012C <b>23.47</b>	RFK3-012C <b>30.49</b>	1	10	299
<b>1-1/2</b>	RFK2-015C <b>28.65</b>	RFK3-015C <b>36.64</b>	1	10	299
<b>2</b>	RFK2-020C <b>38.90</b>	RFK3-020C <b>46.45</b>	1	10	299
<b>2-1/2</b>	RFK2-025C <b>82.17</b>	RFK3-025C <b>98.13</b>	1	5	299
<b>3</b>	RFK2-030C <b>110.12</b>	RFK3-030C <b>133.47</b>	1	5	299

### True Union Retrofit Kits - Other Brand Valves (Socket Style Only) CPVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>4</b>	RFK2-040C <b>157.46</b>	RFK3-040C <b>208.02</b>	1	4	299

#### Retrofit Kit For Older "Regular Style" Spears® Valves



Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	8-15/16	12	12-1/16	13-3/16

### True Union Retrofit Kits - Older "Regular Style" Spears® Valves (Socket Style Only) PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	RFKS2-005 <b>9.65</b>	RFKS3-005 <b>12.57</b>	1	10	299
<b>3/4</b>	RFKS2-007 <b>12.56</b>	RFKS3-007 <b>14.35</b>	1	10	299
<b>1</b>	RFKS2-010 <b>14.22</b>	RFKS3-010 <b>16.61</b>	1	10	299
<b>1-1/4</b>	RFKS2-012 <b>16.71</b>	RFKS3-012 <b>23.73</b>	1	10	299
<b>1-1/2</b>	RFKS2-015 <b>20.96</b>	RFKS3-015 <b>27.36</b>	1	10	299
<b>2</b>	RFKS2-020 <b>30.19</b>	RFKS3-020 <b>37.73</b>	1	5	299
<b>2-1/2</b>	RFKS2-025 <b>55.55</b>	RFKS3-025 <b>75.60</b>	1	5	299
<b>3</b>	RFKS2-030 <b>73.89</b>	RFKS3-030 <b>92.34</b>	1	5	299
<b>4</b>	RFKS2-040 <b>109.05</b>	RFKS3-040 <b>156.06</b>	1	2	299

### True Union Retrofit Kits - Older "Regular Style" Spears® Valves (Socket Style Only) CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	RFKS2-005C <b>14.01</b>	RFKS3-005C <b>15.18</b>	1	10	299
<b>3/4</b>	RFKS2-007C <b>15.77</b>	RFKS3-007C <b>19.14</b>	1	10	299
<b>1</b>	RFKS2-010C <b>18.02</b>	RFKS3-010C <b>21.97</b>	1	10	299
<b>1-1/4</b>	RFKS2-012C <b>23.47</b>	RFKS3-012C <b>30.49</b>	1	10	299
<b>1-1/2</b>	RFKS2-015C <b>28.65</b>	RFKS3-015C <b>36.64</b>	1	10	299
<b>2</b>	RFKS2-020C <b>38.90</b>	RFKS3-020C <b>46.45</b>	1	5	299



**Thermoplastic Valves  
Ball Valve Accessories & Repair Kits**



**True Union Retrofit Kits - Older "Regular Style"  
Spears® Valves (Socket Style Only) CPVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	RFKS2-025C 82.17	RFKS3-025C 98.13	1	5	299
<b>3</b>	RFKS2-030C 110.12	RFKS3-030C 133.47	1	5	299
<b>4</b>	RFKS2-040C 157.46	RFKS3-040C 208.02	1	2	299

**Supplemental End Connector Sets**



Set of 2 End Connectors with O-rings for all True Union 2000 Ball Valves, Sch 80 Union 2000 fittings and True Union Style Diaphragm Valves.

**PVC - Supplemental End Connector Sets**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>1/2</b>	ECSRT2-005 7.80	ECSRT3-005 9.83	1	25	299
<b>3/4</b>	ECSRT2-007 11.28	ECSRT3-007 12.54	1	25	299
<b>1</b>	ECSRT2-010 12.56	ECSRT3-010 14.07	1	25	299
<b>1-1/4</b>	ECSRT2-012 16.64	ECSRT3-012 21.52	1	10	299
<b>1-1/2</b>	ECSRT2-015 22.65	ECSRT3-015 27.13	1	10	299
<b>2</b>	ECSRT2-020 29.77	ECSRT3-020 35.05	1	10	299
<b>2-1/2</b>	ECSRT2-025 60.97	ECSRT3-025 75.00	1	5	299
<b>3</b>	ECSRT2-030 73.78	ECSRT3-030 86.71	1	5	299
<b>4</b>	ECSRT2-040 102.11	ECSRT3-040 135.03	1	4	299
<b>6</b>	ECSRT2-060 220.57	ECSRT3-060 291.65	1	4	299

**Socket Ends**

<b>1/2</b>	ECS2-005 6.77	ECS3-005 8.82	1	25	299
<b>3/4</b>	ECS2-007 8.80	ECS3-007 10.06	1	25	299
<b>1</b>	ECS2-010 9.95	ECS3-010 11.63	1	25	299
<b>1-1/4</b>	ECS2-012 11.70	ECS3-012 16.63	1	10	299
<b>1-1/2</b>	ECS2-015 14.68	ECS3-015 19.15	1	10	299
<b>2</b>	ECS2-020 21.14	ECS3-020 26.41	1	10	299
<b>2-1/2</b>	ECS2-025 38.89	ECS3-025 52.91	1	5	299
<b>3</b>	ECS2-030 51.72	ECS3-030 64.64	1	5	299
<b>4</b>	ECS2-040 76.35	ECS3-040 109.23	1	4	299

**PVC - Supplemental End Connector Sets (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket Ends</b>					
<b>6</b>	ECS2-060 164.90	ECS3-060 235.98	1	0	299
<b>Spigot Ends</b>					
<b>1/2</b>	ECSP2-005 6.77	ECSP3-005 8.82	1	25	299
<b>3/4</b>	ECSP2-007 8.80	ECSP3-007 10.06	1	25	299
<b>1</b>	ECSP2-010 9.95	ECSP3-010 11.63	1	25	299
<b>1-1/4</b>	ECSP2-012 11.70	ECSP3-012 16.63	1	10	299
<b>1-1/2</b>	ECSP2-015 14.68	ECSP3-015 19.15	1	10	299
<b>2</b>	ECSP2-020 21.14	ECSP3-020 26.41	1	10	299
<b>2-1/2</b>	ECSP2-025 38.89	ECSP3-025 52.91	1	5	299
<b>3</b>	ECSP2-030 51.72	ECSP3-030 64.64	1	5	299
<b>4</b>	ECSP2-040 76.35	ECSP3-040 109.23	1	4	299

**CPVC - Supplemental End Connector Sets**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>SR Threaded Ends</b>					
<b>1/2</b>	ECSRT2-005C 10.84	ECSRT3-005C 11.65	1	25	299
<b>3/4</b>	ECSRT2-007C 13.50	ECSRT3-007C 15.85	1	25	299
<b>1</b>	ECSRT2-010C 15.07	ECSRT3-010C 17.85	1	25	299
<b>1-1/4</b>	ECSRT2-012C 22.09	ECSRT3-012C 29.33	1	10	299
<b>1-1/2</b>	ECSRT2-015C 28.02	ECSRT3-015C 33.62	1	10	299
<b>2</b>	ECSRT2-020C 35.87	ECSRT3-020C 41.16	1	10	299
<b>2-1/2</b>	ECSRT2-025C 79.55	ECSRT3-025C 90.78	1	5	299
<b>3</b>	ECSRT2-030C 99.15	ECSRT3-030C 115.52	1	5	299
<b>4</b>	ECSRT2-040C 136.00	ECSRT3-040C 171.41	1	4	299
<b>6</b>	ECSRT2-060C 293.77	ECSRT3-060C 370.21	1	4	299

**Socket Ends**

<b>1/2</b>	ECS2-005C 9.81	ECS3-005C 10.63	1	25	299
<b>3/4</b>	ECS2-007C 11.04	ECS3-007C 13.39	1	25	299
<b>1</b>	ECS2-010C 12.60	ECS3-010C 15.37	1	25	299
<b>1-1/4</b>	ECS2-012C 17.16	ECS3-012C 21.35	1	10	299
<b>1-1/2</b>	ECS2-015C 20.04	ECS3-015C 25.65	1	10	299
<b>2</b>	ECS2-020C 27.24	ECS3-020C 32.51	1	10	299
<b>2-1/2</b>	ECS2-025C 57.52	ECS3-025C 68.69	1	5	299
<b>3</b>	ECS2-030C 77.07	ECS3-030C 93.45	1	5	299
<b>4</b>	ECS2-040C 110.23	ECS3-040C 145.62	1	4	299
<b>6</b>	ECS2-060C 238.11	ECS3-060C 314.54	1	0	299

**Spigot Ends**

<b>1/2</b>	ECSP2-005C 9.81	ECSP3-005C 10.63	1	25	299
<b>3/4</b>	ECSP2-007C 11.04	ECSP3-007C 13.39	1	25	299



## Thermoplastic Valves Ball Valve Accessories & Repair Kits

### CPVC - Supplemental End Connector Sets (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
<b>1</b>	ECSP2-010C <b>12.60</b>	ECSP3-010C <b>15.37</b>	1	25	299
<b>1-1/4</b>	ECSP2-012C <b>17.16</b>	ECSP3-012C <b>21.35</b>	1	10	299
<b>1-1/2</b>	ECSP2-015C <b>20.04</b>	ECSP3-015C <b>25.65</b>	1	10	299
<b>2</b>	ECSP2-020C <b>27.24</b>	ECSP3-020C <b>32.51</b>	1	10	299
<b>2-1/2</b>	ECSP2-025C <b>57.52</b>	ECSP3-025C <b>68.69</b>	1	5	299
<b>3</b>	ECSP2-030C <b>77.07</b>	ECSP3-030C <b>93.45</b>	1	5	299
<b>4</b>	ECSP2-040C <b>110.23</b>	ECSP3-040C <b>145.62</b>	1	4	299

### True Union 2000 Valve Seal Carrier Tools (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>True Union 2000 Check Valve Seal Carrier Tool</b>					
TSK-04003	<b>4</b>	150	0	299	4.76
TSK-06003	<b>6</b>	40	0	299	9.85
<b>True Union 2000 Ball Valve Seal Carrier Tool</b>					
TSK1-00503	<b>1/2</b>	2200	0	299	.79
TSK1-00703	<b>3/4</b>	1800	0	299	.79
TSK1-01003	<b>1</b>	1600	0	299	.79
TSK1-01203	<b>1-1/4</b>	1200	0	299	1.59
TSK1-01503	<b>1-1/2</b>	700	0	299	1.59
TSK1-02003	<b>2</b>	550	0	299	1.59
TSK-03003	<b>3</b>	200	0	299	4.76
TSK-04003	<b>4</b>	150	0	299	4.76
TSK-06003	<b>6</b>	40	0	299	9.85

### Split Nut Repair Kits



Split Nut Repair Kit

Designed to replace broken union nuts on all True Union 2000 Ball Valves and Sch 80 Union 2000 fittings

Kit includes:

2-Split Nut Halves      1-SS316 Gear Clamp  
Full valve pressure rating maintained

### Seal Carrier Adjustment Tool for Regular True Union Valves (not shown)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
VT-025-040	<b>2-1/2 - 4</b>	20	0	299	41.88

Designed for use on Spears® 2-1/2", 3", & 4" Regular True Union Ball Valves for quick, easy adjustment of valve seal carriers using a standard 1", 6-point socket.

### Split Nut Repair Kits

Size	PVC	CPVC	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	SNK-005 <b>8.00</b>	SNK-005C <b>12.31</b>	25	200	299
<b>3/4</b>	SNK-007 <b>9.89</b>	SNK-007C <b>15.53</b>	1	25	299
<b>1</b>	SNK-010 <b>12.38</b>	SNK-010C <b>19.01</b>	1	25	299
<b>1-1/4</b>	SNK-012 <b>15.49</b>	SNK-012C <b>25.36</b>	1	25	299
<b>1-1/2</b>	SNK-015 <b>20.70</b>	SNK-015C <b>36.37</b>	1	25	299
<b>2</b>	SNK-020 <b>31.53</b>	SNK-020C <b>54.56</b>	1	25	299
<b>3</b>	SNK-030 <b>85.56</b>	SNK-030C <b>196.99</b>	1	6	299
<b>4</b>	SNK-040 <b>142.61</b>	SNK-040C <b>275.87</b>	1	6	299

### True Union 2000 Valve Seal Carrier Tools



### True Union 2000 Valve Seal Carrier Tools

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>True Union 2000 Check Valve Seal Carrier Tool</b>					
TSK-00503	<b>1/2</b>	1000	0	299	.79
TSK-00703	<b>3/4</b>	1800	0	299	.79
TSK-01003	<b>1</b>	1800	0	299	.79
TSK-01203	<b>1-1/4</b>	1500	0	299	1.59
TSK-01503	<b>1-1/2</b>	800	0	299	1.59
TSK-02003	<b>2</b>	550	0	299	1.59
TSK-03003	<b>3</b>	200	0	299	4.76

## Thermoplastic Valves Ball Valve Accessories & Repair Kits



### Stem Extension Kits



Desired Handle Height for Factory Assembled One-Piece Units

Desired Handle Height	Code	Desired Handle Height	Code	Desired Handle Height	Code	Desired Handle Height	Code
5"	050	16"	160	27"	270	38"	380
6"	060	17"	170	28"	280	39"	390
7"	070	18"	180	29"	290	40"	400
8"	080	19"	190	30"	300	41"	410
9"	090	20"	200	31"	310	42"	420
10"	100	21"	210	32"	320	43"	430
11"	110	22"	220	33"	330	44"	440
12"	120	23"	230	34"	340	45"	450
13"	130	24"	240	35"	350	46"	460
14"	140	25"	250	36"	360	47"	470
15"	150	26"	260	37"	370	48"	480

If desired handle height is in increments of less than a full inch, substitute the last "0" of the three-digit code with a "2" for 1/4", a "5" for 1/2", or a "7" for 3/4". EXAMPLE: If ordering a Stem Extension Kit for a 1/2" valve with a desired handle height of 14-3/4", the part number would read: BVSE-005-147.

- \* Desired length of PVC Schedule 80 Pipe purchased separately and assembled by others.
- \*\* Factory assembled with solvent cemented PVC Schedule 80 pipe. To order, fill in the last three digits of the part number with the three-digit code representing the desired handle height from the chart above. FACTORY SOLVENT CEMENTED STEM EXTENSION KITS, ONCE PRODUCED ARE NON-CANCELLABLE AND NON-RETURNABLE.

#### IMPORTANT NOTE

The following minimum handle heights apply to use of all Stem Extension Kits.

Valve Size (in.)	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6
True Union 2000 Industrial Ball Valves										
Minimum Height (in.)	4-9/16	5-3/16	5-1/2	6-3/4	7-3/8	8	9-13/16	9-13/16	11-5/8	12-3/4
True Union 2000 Standard, Compact 2000 & Single Entry Ball Valves										
Minimum Height (in.)	3-5/8	4-1/4	4-3/4	6	6-3/8	7-7/16	9-1/2	9-1/2	11	N/A
Regular True Union & Compact Ball Valves										
Minimum Height (in.)	4-1/2	5-1/4	5-1/2	7	7-1/2	8	9	9	10-1/2	N/A

### Stem Extension Kits (Two Piece)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Fits Spears Regular True Union and Compact Ball Valves, 1/2"-2" = 3-Slot Stem, 2-1/2"-4" = Double Flats Stem

BVSE-005-000*	1/2	1	25	299	10.26
BVSE-007-000*	3/4	1	25	299	11.38
BVSE-010-000*	1	1	25	299	11.38
BVSE-012-000*	1-1/4	1	25	299	18.44
BVSE-015-000*	1-1/2	1	25	299	20.95
BVSE-020-000*	2	1	25	299	22.77
BVSE-030-000*	2-1/2, 3	1	25	299	23.23
BVSE-040-000*	4	1	25	299	31.90

### Optional Factory Assembled (One-Piece)

Part Number	Disc Code	5"-12" Handle Height	13"-18" Handle Height	19"-24" Handle Height	25"-36" Handle Height	37"-48" Handle Height
BVSE-005-__**	299	16.86	18.26	19.76	26.19	30.46
BVSE-007-__**	299	18.10	19.46	20.96	27.40	31.68
BVSE-010-__**	299	18.10	19.46	20.96	27.40	31.68
BVSE-012-__**	299	28.22	29.15	32.27	40.82	45.95
BVSE-015-__**	299	30.86	33.31	34.89	43.47	48.59
BVSE-020-__**	299	32.80	35.22	36.81	45.41	50.51
BVSE-030-__**	299	33.52	35.73	37.28	45.87	50.97
BVSE-040-__**	299	46.18	50.04	53.51	60.50	70.24

### Stem Extension Kits (Two Piece)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
-------------	------	--------	----------	-----------	------------

Fits All True Union 2000, Compact 2000 & Single Entry Ball Valves (Except 3-Way) 1/2" - 3" = 3-Slot Stem, sizes 4"-6" = Double Flats Stem

BVSE2-005-000*	1/2	1	25	299	10.26
BVSE2-007-000*	3/4	1	25	299	11.38
BVSE2-010-000*	1	1	25	299	11.38
BVSE2-012-000*	1-1/4	1	25	299	18.44
BVSE2-015-000*	1-1/2	1	25	299	20.95
BVSE2-020-000*	2	1	25	299	22.77
BVSE2-030-000*	2-1/2, 3	1	25	299	23.23
BVSE2-040-000*	4	1	25	299	31.90
BVSE2-060-000*	6	1	25	299	59.01

### Optional Factory Assembled (One-Piece)

Part Number	Disc Code	5"-12" Handle Height	13"-18" Handle Height	19"-24" Handle Height	25"-36" Handle Height	37"-48" Handle Height
BVSE2-005-__**	299	16.86	18.26	19.76	26.19	30.46
BVSE2-007-__**	299	18.10	19.46	20.96	27.40	31.68
BVSE2-010-__**	299	18.10	19.46	20.96	27.40	31.68
BVSE2-012-__**	299	28.22	29.15	32.27	40.82	45.95
BVSE2-015-__**	299	30.86	33.31	34.89	43.47	48.59
BVSE2-020-__**	299	32.80	35.22	36.81	45.41	50.51
BVSE2-030-__**	299	33.52	35.73	37.28	45.87	50.97
BVSE2-040-__**	299	46.18	50.04	53.51	60.50	70.24
BVSE2-060-__**	299	85.51	92.69	99.10	112.01	130.06

### Round Safety Handle Kits



Regular fits Spears® Regular True Union and Compact Ball Valves in sizes 1/2" - 2" with 3-Slot Stem and in sizes 2-1/2" - 4" with 1-Slot Stem.

Industrial fits All True Union 2000, Compact 2000, and Single Entry Ball Valves in sizes 1/2" - 2" with 3-Slot Stem and in sizes 2-1/2" - 4" with 1-Slot Stem. The 6" size has a Double-Flat Stem pattern.

### Round Safety Handle Kits

Size	Regular	Industrial	Std Pk	Mstr Pk	Disc Code
1/2	RSH-005 13.22	RSH2-005 13.22	500	0	299
3/4	RSH-007 15.94	RSH2-007 15.94	300	0	299
1	RSH-010 16.84	RSH2-010 16.84	210	0	299
1-1/4	RSH-012 20.02	RSH2-012 20.02	200	0	299



## Thermoplastic Valves Ball Valve Accessories & Repair Kits

### Round Safety Handle Kits (continued) 2" Operator Nuts

Size	Regular	Industrial	Std Pk	Mstr Pk	Disc Code
1-1/2	RSH-015 20.02	RSH2-015 20.02	100	0	299
2	RSH-020 25.96	RSH2-020 25.96	60	0	299
2-1/2 & 3	RSH-030 55.56	RSH2-030 55.56	25	0	299
4	RSH-040 74.68	RSH2-040 74.68	16	0	299
6	---	RSH2-060 90.41	16	0	299



Industrial & Regular (VTN2 Series) Operator Nuts fit Regular True Union, True Union 2000, Compact, Compact 2000 and Single Entry Ball Valves in sizes 1/2" - 2" with current 3-Slot Stems and in sizes 2-1/2", 3", and 4" with current 1-Slot Stems. The VTN-040 fits the 6" size with a Double-Flat Stem pattern.

### 2" Operator Nuts

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Regular

VTN-030	2-1/2 & 3	10	40	299	102.47
VTN-040	4	5	0	299	102.47

#### Industrial

VTN2-005	1/2	10	60	299	12.31
VTN2-007	3/4	10	60	299	16.38
VTN2-010	1	10	60	299	20.51
VTN2-012	1-1/4	10	60	299	24.60
VTN2-015	1-1/2	10	60	299	36.91
VTN2-020	2	10	60	299	61.47
VTN2-030	2-1/2 & 3	10	40	299	67.25
VTN2-040	4	5	0	299	71.30

### Handle Lockout Ring



Spears® Handle Lockout Ring is for use with Spears® True Union 2000 Industrial Ball Valves with built-in handle lockout mechanism. Normal handle lockout operation allows lockout in both open and closed positions. The Lockout Ring limits lockout operation to either a lock-open only or a lock-closed only position, according to the position in which the Lockout Ring is installed.

### Handle Lockout Ring

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
TU2LR-005	1/2	250	3000	299	18.97
TU2LR-007	3/4	250	3000	299	18.97
TU2LR-010	1	250	3000	299	18.97
TU2LR-012	1-1/4	1	25	299	18.97
TU2LR-015	1-1/2	1	25	299	21.35
TU2LR-020	2	1	25	299	21.35
TU2LR-030	2-1/2 & 3	1	25	299	23.72
TU2LR-040	4	1	25	299	23.72

### Multi-Mount Mounting Bracket



TUMB2 fits all True Union 2000 Ball Valves (except 3-Way). TUMB fits Regular True Union Ball Valves.

### Multi-Mount Mounting Bracket

Size	TU 2000	Regular True Union	Std Pk	Mstr Pk	Disc Code
1/2	TUMB2-005 44.84	TUMB-005 44.84	1	10	299
3/4	TUMB2-007 47.51	TUMB-007 47.51	1	10	299
1	TUMB2-010 51.12	TUMB-010 51.12	1	10	299
1-1/4	TUMB2-012 53.50	TUMB-012 53.50	1	10	299
1-1/2	TUMB2-015 57.63	TUMB-015 57.63	1	10	299
2	TUMB2-020 64.30	TUMB-020 64.30	1	10	299
2-1/2, 3	TUMB2-030 122.14	TUMB-030 122.14	1	4	299
4	TUMB2-040 149.39	TUMB-040 149.39	1	4	299

### Multi-Mount Actuator Mounting Platform



Add-on actuator adapter. Use MMP1 with True Union 2000 Multi-Mount Bracket. Use MMP with Regular True Union.

### Multi-Mount Actuator Mounting Platform

Size	TU 2000	Regular True Union	Std Pk	Mstr Pk	Disc Code
1/2	MMP1-005 18.97	MMP-005 18.97	1	10	299
3/4	MMP1-007 19.62	MMP-007 19.62	1	10	299
1	MMP1-010 22.90	MMP-010 22.90	1	10	299
1-1/4	MMP1-012 25.01	MMP-012 25.01	1	10	299
1-1/2	MMP1-015 34.19	MMP-015 34.19	1	10	299
2	MMP1-020 38.67	MMP-020 38.67	1	10	299
2-1/2, 3	MMP1-030 87.27	MMP-030 87.27	1	5	299

## Thermoplastic Valves Ball Valve Accessories & Repair Kits



### Multi-Mount Actuator Mounting Platform (continued)

Size	TU 2000	Regular True Union	Std Pk	Mstr Pk	Disc Code
4	MMP1-040 100.56	MMP-040 100.56	1	5	299

### True Union Multi-Mount Mounting Kit



Complete Multi-Mount Actuation Mounting Kit fits all True Union 2000 (except 3-Way) and Regular True Union Ball Valves.

### True Union Multi-Mount Mounting Kit

Size	TU 2000	Regular True Union	Std Pk	Mstr Pk	Disc Code
1/2	TUAK1-005 60.65	TUAK-005 60.65	1	5	299
3/4	TUAK1-007 63.81	TUAK-007 63.81	1	5	299
1	TUAK1-010 70.37	TUAK-010 70.37	1	5	299
1-1/4	TUAK1-012 74.61	TUAK-012 74.61	1	5	299
1-1/2	TUAK1-015 87.26	TUAK-015 87.26	1	5	299
2	TUAK1-020 97.82	TUAK-020 97.82	1	5	299
2-1/2 & 3	TUAK1-030 198.95	TUAK-030 198.95	1	5	299
4	TUAK1-040 237.44	TUAK-040 237.44	1	2	299

### True Union 2000 Low Profile Actuator Mounting Kit



**Industrial Unit** - Top-mount actuator mounting system for True Union 2000 Industrial (1800 series) & 3-Way Ball Valves

**Standard Unit** - Top-mount actuator mounting system for True Union 2000 Standard Ball Valves (3600 series) and Compact 2000 Ball Valves (6600 series)

Note: Low Profile Mounting Kit will not work with Multi-Mount Valve Mounting Bracket - See Mini-Mount actuation Mounting Kit or Mini-Mount Combo Actuation Mounting Kit

### True Union 2000 Low Profile Actuator Mounting Kit Mini-Mount Actuator Mounting Kit

Size	TU 2000 Industrial	TU 2000 Standard & Compact	Std Pk	Mstr Pk	Disc Code
1/2	AMB5-005 13.90	AMB6-005 13.90	1	10	299
3/4	AMB5-007 16.89	AMB6-007 16.89	1	10	299
1	AMB5-010 20.46	AMB6-010 20.46	1	10	299
1-1/4	AMB5-012 22.87	AMB6-012 22.87	1	10	299
1-1/2	AMB5-015 24.99	AMB6-015 24.99	1	10	299
2	AMB5-020 32.78	AMB6-020 32.78	1	10	299
3	AMB5-030 68.46	AMB6-030 68.46	1	10	299
4	AMB5-040 72.06	AMB6-040 72.06	1	5	299
6	AMB5-060 105.11	---	1	5	299



**Industrial Unit** - Top-mount actuator mounting system for True Union 2000 Industrial (1800 series) & 3-Way Ball Valves

**Standard Unit** - Top-mount actuator mounting system for True Union 2000 Standard Ball Valves (3600 series) and Compact 2000 Ball Valves (6600 series)

**Compact Unit** - Top-mount actuator mounting system for Regular Style Compact Ball Valves (2100 series)

### Mini-Mount Actuator Mounting Kit

Size	TU 2000 Industrial	TU 2000 Standard/Compact	Compact (Regular)	Std Pk	Mstr Pk	Disc Code
1/2	AMB2-005 13.90	AMB3-005 13.90	AMB4-005 13.90	1	10	299
3/4	AMB2-007 16.89	AMB3-007 16.89	AMB4-007 16.89	1	10	299
1	AMB2-010 20.46	AMB3-010 20.46	AMB4-010 20.46	1	10	299





## Thermoplastic Valves Ball Valve Accessories & Repair Kits

### Mini-Mount Actuator Mounting Kit (continued)

#### True Union 2000 Mini-Mount Combo

Size	TU 2000 Industrial	TU 2000 Standard/Compact	Compact (Regular)	Std Pk	Mstr Pk	Disc Code
1-1/4	AMB2-012 22.87	AMB3-012 22.87	AMB4-012 22.87	1	10	299
1-1/2	AMB2-015 24.99	AMB3-015 24.99	AMB4-015 24.99	1	10	299
2	AMB2-020 32.78	AMB3-020 32.78	AMB4-020 32.78	1	10	299
3	AMB2-030 68.46	AMB3-030 68.46	AMB4-030 68.46	1	10	299
4	AMB2-040 72.06	AMB3-040 72.06	AMB4-040 72.06	1	5	299
6	AMB2-060 105.11	---	---	1	5	299



**Industrial Unit** – Top-mount actuator mounting system with valve support mounting bracket for True Union 2000 Industrial (1800 series) Ball Valve (will not fit 3-Way)

**Standard Unit** – Top-mount actuator mounting system with valve support mounting bracket for True Union 2000 (3600 series) Standard Ball Valve

#### True Union 2000 Mini-Mount Combo

Size	Industrial	Standard	Std Pk	Mstr Pk	Disc Code
1/2	TUAK2-005 60.65	TUAK3-005 60.65	1	5	299
3/4	TUAK2-007 63.81	TUAK3-007 63.81	1	10	299
1	TUAK2-010 70.37	TUAK3-010 70.37	1	5	299
1-1/4	TUAK2-012 74.61	TUAK3-012 74.61	1	5	299
1-1/2	TUAK2-015 87.26	TUAK3-015 87.26	1	5	299
2	TUAK2-020 97.82	TUAK3-020 97.82	1	5	299
3	TUAK2-030 198.95	TUAK3-030 198.95	1	5	299
4	TUAK2-040 237.44	TUAK3-040 237.44	1	2	299

### True Union 2000 Valve Repair Kits — Industrial Ball Valve

**Industrial Kit includes:**

- 2-PTFE Seats
- 2-End Connector O-rings
- 2-Stem O-rings
- 1-Seal Carrier O-ring
- 1-PTFE Stem Bearing
- 2-Seat O-rings (where applicable)

#### True Union 2000 Valve Repair Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Industrial Ball Valve</b>					
1/2	TU2-ERK-005 18.69	TU2-VRK-005 21.17	1	10	299
3/4	TU2-ERK-007 21.17	TU2-VRK-007 21.88	1	10	299
1	TU2-ERK-010 21.88	TU2-VRK-010 27.90	1	10	299
1-1/4	TU2-ERK-012 26.60	TU2-VRK-012 44.71	1	10	299

### True Union 2000 Valve Repair Kits (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Industrial Ball Valve</b>					
1-1/2	TU2-ERK-015 38.17	TU2-VRK-015 58.54	1	10	299
2	TU2-ERK-020 43.94	TU2-VRK-020 81.95	1	10	299
2-1/2 & 3	TU2-ERK-030 101.40	TU2-VRK-030 132.96	1	10	299
4	TU2-ERK-040 144.21	TU2-VRK-040 172.33	1	10	299
6	TU2-ERK-060 262.72	TU2-VRK-060 334.85	1	10	299

### True Union 2000 Valve Repair Kits — Standard Ball Valve

**Standard Kit includes:**

- 2-HDPE/PTFE Seats
- 2-End Connector O-rings
- 2-Stem O-rings
- 1-Seal Carrier O-ring
- 2-Seat O-rings (where applicable)

#### Standard Ball Valve

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	TU1-ERK-005 17.78	TU1-VRK-005 20.12	1	10	299
3/4	TU1-ERK-007 20.12	TU1-VRK-007 20.81	1	10	299
1	TU1-ERK-010 20.81	TU1-VRK-010 26.49	1	10	299
1-1/4	TU1-ERK-012 25.24	TU1-VRK-012 42.48	1	10	299
1-1/2	TU1-ERK-015 36.27	TU1-VRK-015 55.62	1	10	299
2	TU1-ERK-020 41.73	TU1-VRK-020 86.27	1	10	299
2-1/2 & 3	TU1-ERK-030 96.32	TU1-VRK-030 126.30	1	10	299
4	TU1-ERK-040 137.02	TU1-VRK-040 163.71	1	10	299

### True Union 2000 Valve Repair Kits — 3-Way Ball Valve

**3-Way Kit includes:**

- 2-PTFE Seats (no branch seal)
- 3-End Connector O-rings
- 2-Stem O-rings
- 1-Seal Carrier O-ring
- 1-Stem Bushing
- 2-Seat O-rings (where applicable)

#### 3-Way Ball Valve

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	TU3-ERK-005 26.72	TU3-VRK-005 30.26	1	10	299
3/4	TU3-ERK-007 30.26	TU3-VRK-007 31.28	1	10	299
1	TU3-ERK-010 31.28	TU3-VRK-010 39.85	1	10	299
1-1/4	TU3-ERK-012 37.98	TU3-VRK-012 63.87	1	10	299
1-1/2	TU3-ERK-015 54.55	TU3-VRK-015 83.65	1	10	299
2	TU3-ERK-020 62.78	TU3-VRK-020 117.05	1	10	299
2-1/2 & 3	TU3-ERK-030 144.85	TU3-VRK-030 189.93	1	10	299
4	TU3-ERK-040 194.70	TU3-VRK-040 246.18	1	10	299



**Thermoplastic Valves  
Ball Valve Accessories & Repair Kits**



**True Union 2000 Valve Repair Kits — Ball Check Valve**

Ball Check Kit includes:  
2-End Connector O-rings  
1-Seal Carrier O-ring  
1-Seal Plate O-ring

**True Union 2000 Valve Repair Kits  
Single Entry Ball Valve Repair Kit**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Ball Check Valve**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	CK2-ERK-005 3.19	CK2-VRK-005 5.93	1	10	299
3/4	CK2-ERK-007 3.85	CK2-VRK-007 9.80	1	10	299
1	CK2-ERK-010 5.01	CK2-VRK-010 15.94	1	10	299
1-1/4	CK2-ERK-012 7.51	CK2-VRK-012 25.49	1	10	299
1-1/2	CK2-ERK-015 7.51	CK2-VRK-015 25.49	1	10	299
2	CK2-ERK-020 11.14	CK2-VRK-020 27.52	1	10	299
3	CK2-ERK-030 16.26	CK2-VRK-030 76.73	1	10	299
4	CK2-ERK-040 21.03	CK2-VRK-040 82.87	1	10	299
6	CK2-ERK-060 38.37	CK2-VRK-060 198.84	1	10	299

Single Entry Kit includes:  
2-End Connector O-rings  
1-Seal Carrier O-ring  
1-Seal Plate O-ring  
1-Stem Bearing (1-1/4" & up)

**Single Entry Ball Valve Repair Kits  
True Union Valve Repair Kits (Regular Style)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	SE-BRK-005 15.26	SE-ERK-005 16.17	SE-VRK-005 18.91	1	10	299
3/4	SE-BRK-007 15.71	SE-ERK-007 16.64	SE-VRK-007 19.12	1	10	299
1	SE-BRK-010 16.84	SE-ERK-010 17.52	SE-VRK-010 20.02	1	10	299
1-1/4, 1-1/2	SE-BRK-015 21.41	SE-ERK-015 23.69	SE-VRK-015 28.45	1	10	299
2	SE-BRK-020 24.36	SE-ERK-020 25.03	SE-VRK-020 29.84	1	10	299
3	SE-BRK-030 56.01	SE-ERK-030 56.28	SE-VRK-030 61.43	1	10	299
4	SE-BRK-040 103.36	SE-ERK-040 103.41	SE-VRK-040 106.52	1	10	299

Ball Valve Kit includes:  
2-PTFE Seats  
2-Seat O-rings (2-1/2")  
2-End Connector O-rings  
1-Stem Bearing (1-1/4" & up)

**True Union Valve Repair Kits (Regular Style)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Ball Valve**

1/2	TU-ERK-005 18.69	TU-VRK-005 21.17	1	10	299
3/4	TU-ERK-007 21.17	TU-VRK-007 21.88	1	10	299
1	TU-ERK-010 21.88	TU-VRK-010 27.90	1	10	299
1-1/4	TU-ERK-012 26.60	TU-VRK-012 44.71	1	10	299

**True Union Valve Repair Kits (Regular Style) (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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**Ball Valve**

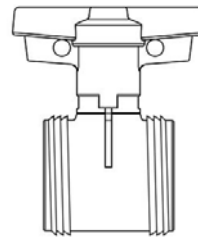
1-1/2	TU-ERK-015 38.17	TU-VRK-015 58.54	1	10	299
2	TU-ERK-020 43.94	TU-VRK-020 81.95	1	10	299
2-1/2, 3	TU-ERK-030 101.40	TU-VRK-030 132.96	1	10	299
4, 6 VENTURIED	TU-ERK-040 144.21	TU-VRK-040 172.33	1	10	299

**True Union Ball Check Valve Repair Kits (Regular Style)**

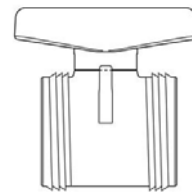
Ball Check (Regular Style) Kit includes:  
1-Body O-ring  
2-Seat-plate O-rings  
2-End Connector O-rings

**Ball Check Valve**

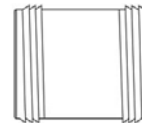
Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	CK-ERK-005 3.19	CK-VRK-005 5.93	1	10	299
3/4	CK-ERK-007 3.85	CK-VRK-007 9.80	1	10	299
1	CK-ERK-010 5.01	CK-VRK-010 15.94	1	10	299
1-1/4	CK-ERK-012 7.51	CK-VRK-012 25.49	1	10	299
1-1/2	CK-ERK-015 7.51	CK-VRK-015 25.49	1	10	299
2	CK-ERK-020 11.14	CK-VRK-020 27.52	1	10	299
2-1/2 OR 3	CK-ERK-030 16.26	CK-VRK-030 76.73	1	10	299
4	CK-ERK-040 21.03	CK-VRK-040 82.87	1	10	299



True Union 2000 Industrial Ball Valve Cartridge



True Union 2000 Standard Ball Valve Cartridge



True Union 2000 Industrial Ball Check Valve Cartridge

**True Union Ball Valve Cartridge Kits include valve assembly, less union nuts and end connectors.**

**Note:** 6" Valve uses Lever-Style Handle for proper leverage. T-Style Handle is more compact, but will increase difficulty of operation.

**PVC True Union 2000 Industrial Ball Valve Cartridges**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1820-005 32.80	1830-005 37.28	1	18	299



**Thermoplastic Valves  
Ball Valve Accessories & Repair Kits**

**PVC True Union 2000 Industrial Ball Valve Cartridges**  
(continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	1820-007 <b>38.89</b>	1830-007 <b>41.65</b>	1	18	299
<b>1</b>	1820-010 <b>46.47</b>	1830-010 <b>52.77</b>	1	18	299
<b>1-1/4</b>	1820-012 <b>60.00</b>	1830-012 <b>70.55</b>	1	8	299
<b>1-1/2</b>	1820-015 <b>78.18</b>	1830-015 <b>88.32</b>	1	8	299
<b>2</b>	1820-020 <b>100.18</b>	1830-020 <b>106.64</b>	1	8	299
<b>2-1/2</b>	1820-025 <b>219.78</b>	1830-025 <b>275.57</b>	1	0	299
<b>3</b>	1820-030 <b>268.21</b>	1830-030 <b>297.95</b>	1	0	299
<b>4</b>	1820-040 <b>453.18</b>	1830-040 <b>503.36</b>	1	0	299
6 (T-Style Handle)	18206-060 <b>838.16</b>	18306-060 <b>929.88</b>	1	0	299
6 (Lever Handle)	1820-060 <b>838.16</b>	1830-060 <b>929.88</b>	1	0	299

**CPVC True Union 2000 Industrial Ball Check Valve Cartridges**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	4520-005C <b>57.24</b>	4530-005C <b>63.71</b>	1	18	299
<b>3/4</b>	4520-007C <b>68.51</b>	4530-007C <b>76.14</b>	1	18	299
<b>1</b>	4520-010C <b>80.87</b>	4530-010C <b>89.84</b>	1	18	299
<b>1-1/4</b>	4520-012C <b>139.23</b>	4530-012C <b>154.60</b>	1	12	299
<b>1-1/2</b>	4520-015C <b>139.23</b>	4530-015C <b>154.60</b>	1	8	299
<b>2</b>	4520-020C <b>185.97</b>	4530-020C <b>207.23</b>	1	8	299
<b>2-1/2</b>	4520-025C <b>389.72</b>	4530-025C <b>433.01</b>	1	4	299
<b>3</b>	4520-030C <b>459.84</b>	4530-030C <b>548.32</b>	1	4	299
<b>4</b>	4520-040C <b>855.20</b>	4530-040C <b>950.85</b>	1	0	299
<b>6</b>	4520-060C <b>1516.61</b>	4530-060C <b>1681.06</b>	1	0	299

**CPVC True Union 2000 Industrial Ball Valve Cartridges**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1820-005C <b>46.26</b>	1830-005C <b>50.47</b>	1	18	299
<b>3/4</b>	1820-007C <b>56.56</b>	1830-007C <b>61.69</b>	1	18	299
<b>1</b>	1820-010C <b>70.41</b>	1830-010C <b>71.91</b>	1	18	299
<b>1-1/4</b>	1820-012C <b>94.91</b>	1830-012C <b>98.70</b>	1	8	299
<b>1-1/2</b>	1820-015C <b>119.43</b>	1830-015C <b>125.39</b>	1	8	299
<b>2</b>	1820-020C <b>161.71</b>	1830-020C <b>164.76</b>	1	8	299
<b>2-1/2</b>	1820-025C <b>340.41</b>	1830-025C <b>378.20</b>	1	0	299
<b>3</b>	1820-030C <b>398.05</b>	1830-030C <b>441.21</b>	1	0	299
<b>4</b>	1820-040C <b>721.13</b>	1830-040C <b>801.37</b>	1	0	299
6 (T-Style Handle)	18206-060C <b>1315.76</b>	18306-060C <b>1461.24</b>	1	0	299
6 (Lever Handle)	1820-060C <b>1315.76</b>	1830-060C <b>1461.24</b>	1	0	299

**PVC True Union 2000 Standard Ball Valve Cartridges**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	3620-005 <b>25.37</b>	3630-005 <b>28.21</b>	1	18	299
<b>3/4</b>	3620-007 <b>30.00</b>	3630-007 <b>33.38</b>	1	18	299
<b>1</b>	3620-010 <b>35.76</b>	3630-010 <b>39.80</b>	1	18	299
<b>1-1/4</b>	3620-012 <b>49.46</b>	3630-012 <b>63.12</b>	1	12	299
<b>1-1/2</b>	3620-015 <b>59.55</b>	3630-015 <b>66.13</b>	1	12	299
<b>2</b>	3620-020 <b>78.61</b>	3630-020 <b>86.54</b>	1	8	299
2-1/2 & 3	3620-030 <b>199.17</b>	3630-030 <b>221.28</b>	1	0	299
<b>4</b>	3620-040 <b>336.43</b>	3630-040 <b>373.93</b>	1	0	299

**CPVC True Union 2000 Standard Ball Valve Cartridges**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	3620-005C <b>33.49</b>	3630-005C <b>37.22</b>	1	18	299
<b>3/4</b>	3620-007C <b>42.20</b>	3630-007C <b>46.87</b>	1	18	299
<b>1</b>	3620-010C <b>50.03</b>	3630-010C <b>55.82</b>	1	18	299
<b>1-1/4</b>	3620-012C <b>79.83</b>	3630-012C <b>88.73</b>	1	12	299
<b>1-1/2</b>	3620-015C <b>84.33</b>	3630-015C <b>93.71</b>	1	12	299
<b>2</b>	3620-020C <b>112.79</b>	3630-020C <b>129.67</b>	1	8	299
2-1/2 & 3	3620-030C <b>295.69</b>	3630-030C <b>328.54</b>	1	0	299
<b>4</b>	3620-040C <b>614.85</b>	3630-040C <b>595.29</b>	1	0	299

**PVC True Union 2000 Industrial Ball Check Valve Cartridges**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	4520-005 <b>38.73</b>	4530-005 <b>43.67</b>	1	10	299
<b>3/4</b>	4520-007 <b>46.20</b>	4530-007 <b>48.76</b>	1	10	299
<b>1</b>	4520-010 <b>54.91</b>	4530-010 <b>61.22</b>	1	6	299
<b>1-1/4</b>	4520-012 <b>84.67</b>	4530-012 <b>90.01</b>	1	4	299
<b>1-1/2</b>	4520-015 <b>92.14</b>	4530-015 <b>102.24</b>	1	4	299
<b>2</b>	4520-020 <b>125.77</b>	4530-020 <b>139.87</b>	1	4	299
<b>2-1/2</b>	4520-025 <b>304.91</b>	4530-025 <b>324.74</b>	1	4	299
<b>3</b>	4520-030 <b>365.11</b>	4530-030 <b>463.56</b>	1	4	299
<b>4</b>	4520-040 <b>571.95</b>	4530-040 <b>602.59</b>	1	0	299
<b>6</b>	4520-060 <b>963.10</b>	4530-060 <b>1069.04</b>	1	0	299

**PVC True Union Ball Valve Cartridges (Regular Style)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2320-005 <b>32.80</b>	2330-005 <b>37.28</b>	1	10	299
<b>3/4</b>	2320-007 <b>38.89</b>	2330-007 <b>41.65</b>	1	10	299
<b>1</b>	2320-010 <b>46.47</b>	2330-010 <b>52.77</b>	1	10	299

**Thermoplastic Valves  
Ball Valve Accessories & Repair Kits**



**PVC True Union Ball Valve Cartridges (Regular Style)**  
(continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/4	2320-012 60.00	2330-012 70.55	1	4	299
1-1/2	2320-015 78.18	2330-015 88.32	1	4	299
2	2320-020 100.18	2330-020 106.64	1	4	299
2-1/2, 3	2320-030 219.78	2330-030 256.52	1	0	299
4	2320-040 402.97	2330-040 424.18	1	0	299

**CPVC True Union Ball Check Valve Cartridges (Regular Style)** (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
3	2220-030C 362.43	2230-030C 402.69	1	0	299
4	2220-040C 795.34	2230-040C 884.29	1	0	299

**CPVC True Union Ball Valve Cartridges (Regular Style)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	2320-005C 46.26	2330-005C 50.47	1	10	299
3/4	2320-007C 56.56	2330-007C 61.69	1	10	299
1	2320-010C 70.41	2330-010C 71.91	1	10	299
1-1/4	2320-012C 94.91	2330-012C 98.70	1	4	299
1-1/2	2320-015C 119.43	2330-015C 125.39	1	4	299
2	2320-020C 161.71	2330-020C 164.76	1	4	299
2-1/2, 3	2320-030C 307.34	2330-030C 312.90	1	0	299
4	2320-040C 508.19	2330-040C 606.27	1	0	299

**PVC True Union Ball Check Valve Cartridges (Regular Style)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	2220-005 36.01	2230-005 40.60	1	10	299
3/4	2220-007 42.93	2230-007 45.35	1	10	299
1	2220-010 51.09	2230-010 56.93	1	6	299
1-1/4	2220-012 74.62	2230-012 69.31	1	4	299
1-1/2	2220-015 85.68	2230-015 95.09	1	4	299
2	2220-020 116.98	2230-020 130.07	1	4	299
2-1/2	2220-025 283.57	2230-025 302.01	1	0	299
3	2220-030 283.57	2230-030 302.01	1	0	299
4	2220-040 531.90	2230-040 560.43	1	0	299

**CPVC True Union Ball Check Valve Cartridges (Regular Style)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	2220-005C 53.23	2230-005C 59.27	1	10	299
3/4	2220-007C 63.70	2230-007C 70.81	1	10	299
1	2220-010C 75.19	2230-010C 83.54	1	6	299
1-1/4	2220-012C 129.48	2230-012C 143.78	1	4	299
1-1/2	2220-015C 139.23	2230-015C 154.69	1	4	299
2	2220-020C 173.39	2230-020C 192.72	1	4	299
2-1/2	2220-025C 362.43	2230-025C 402.69	1	0	299



## Thermoplastic Valves True Union 2000 Industrial Ball Check Valves



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant  
 Contact Spears® for Pricing & Availability  
 on Custom Elastomer Seals  
 See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1/2	4529-005	4539-005	1	18	604
	<b>53.54</b>	<b>60.34</b>			
3/4	4529-007	4539-007	1	18	604
	<b>63.84</b>	<b>67.38</b>			
1	4529-010	4539-010	1	18	604
	<b>75.93</b>	<b>84.64</b>			
1-1/4	4529-012	4539-012	1	12	604
	<b>110.88</b>	<b>124.45</b>			
1-1/2	4529-015	4539-015	1	8	604
	<b>127.35</b>	<b>141.34</b>			
2	4529-020	4539-020	1	8	604
	<b>173.87</b>	<b>193.33</b>			

#### Socket Ends

2-1/2	4522-025	4532-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
3	4522-030	4532-030	1	0	605
	<b>536.45</b>	<b>601.33</b>			
4	4522-040	4532-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
6	4522-060	4532-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			
8	4522-080	4532-080	1	0	559
	<b>2072.19</b>	<b>2297.00</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

#### Threaded Ends

2-1/2	4521-025	4531-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
3	4521-030	4531-030	1	0	605
	<b>539.89</b>	<b>605.59</b>			
4	4521-040	4531-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
6	4521-060	4531-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			

#### SR Threaded Ends

1/2	4521-005SR	4531-005SR	1	18	604
	<b>54.63</b>	<b>61.41</b>			
3/4	4521-007SR	4531-007SR	1	18	604
	<b>66.44</b>	<b>69.98</b>			
1	4521-010SR	4531-010SR	1	18	604
	<b>78.50</b>	<b>87.23</b>			
1-1/4	4521-012SR	4531-012SR	1	12	604
	<b>116.03</b>	<b>129.57</b>			
1-1/2	4521-015SR	4531-015SR	1	8	604
	<b>135.65</b>	<b>149.63</b>			
2	4521-020SR	4531-020SR	1	8	604
	<b>182.85</b>	<b>202.32</b>			
2-1/2	4521-025SR	4531-025SR	1	0	605
	<b>444.50</b>	<b>471.94</b>			
3	4521-030SR	4531-030SR	1	0	605
	<b>551.13</b>	<b>471.94</b>			
4	4521-040SR	4531-040SR	1	0	605
	<b>817.52</b>	<b>859.90</b>			
6	4521-060SR	4531-060SR	1	0	558
	<b>1599.30</b>	<b>1769.16</b>			

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
1/2	4527-005	4537-005	1	18	604
	<b>53.54</b>	<b>60.34</b>			
3/4	4527-007	4537-007	1	18	604
	<b>63.84</b>	<b>67.38</b>			
1	4527-010	4537-010	1	12	604
	<b>75.93</b>	<b>84.64</b>			
1-1/4	4527-012	4537-012	1	12	604
	<b>110.88</b>	<b>124.45</b>			
1-1/2	4527-015	4537-015	1	8	604
	<b>127.35</b>	<b>141.34</b>			
2	4527-020	4537-020	1	8	604
	<b>173.87</b>	<b>193.33</b>			
2-1/2	4527-025	4537-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
3	4527-030	4537-030	1	0	605
	<b>477.31</b>	<b>602.66</b>			
4	4527-040	4537-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
6	4527-060	4537-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			

#### Flanged Ends

1/2	4523-005	4533-005	1	8	604
	<b>75.49</b>	<b>94.74</b>			
3/4	4523-007	4533-007	5	0	604
	<b>91.30</b>	<b>113.62</b>			
1	4523-010	4533-010	5	0	604
	<b>108.21</b>	<b>132.21</b>			
1-1/4	4523-012	4533-012	2	0	604
	<b>133.84</b>	<b>173.01</b>			
1-1/2	4523-015	4533-015	3	0	604
	<b>184.68</b>	<b>200.72</b>			
2	4523-020	4533-020	2	0	604
	<b>260.65</b>	<b>266.83</b>			
2-1/2	4523-025	4533-025	1	0	605
	<b>539.96</b>	<b>628.80</b>			
3	4523-030	4533-030	1	0	605
	<b>755.31</b>	<b>878.30</b>			
4	4523-040	4533-040	1	0	605
	<b>1022.38</b>	<b>1186.70</b>			
6	4523-060	4533-060	1	0	558
	<b>2448.69</b>	<b>2840.47</b>			
8	4523-080	4533-080	1	0	559
	<b>3180.11</b>	<b>3696.56</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1/2	4529-005C	4539-005C	1	18	606
	<b>79.14</b>	<b>88.10</b>			
3/4	4529-007C	4539-007C	1	18	606
	<b>94.72</b>	<b>105.27</b>			
1	4529-010C	4539-010C	1	18	606
	<b>111.77</b>	<b>124.17</b>			

**Thermoplastic Valves  
True Union 2000 Industrial Ball Check Valves**



**CPVC Industrial (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1-1/4</b>	4529-012C	4539-012C	1	12	606
	<b>192.50</b>	<b>213.69</b>			
<b>1-1/2</b>	4529-015C	4539-015C	1	8	606
	<b>192.50</b>	<b>213.69</b>			
<b>2</b>	4529-020C	4539-020C	1	8	606
	<b>257.12</b>	<b>286.48</b>			

**Socket Ends**

<b>2-1/2</b>	4522-025C	4532-025C	1	0	607
	<b>538.78</b>	<b>598.62</b>			
<b>3</b>	4522-030C	4532-030C	1	0	607
	<b>715.80</b>	<b>779.63</b>			
<b>4</b>	4522-040C	4532-040C	1	0	607
	<b>1182.31</b>	<b>1314.51</b>			
<b>6</b>	4522-060C	4532-060C	1	0	559
	<b>2441.02</b>	<b>2711.90</b>			
<b>8</b>	4522-080C	4532-080C	1	0	559
	<b>2871.80</b>	<b>3614.85</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

**Threaded Ends**

<b>2-1/2</b>	4521-025C	4531-025C	1	0	607
	<b>538.78</b>	<b>598.62</b>			
<b>3</b>	4521-030C	4531-030C	1	0	607
	<b>713.67</b>	<b>799.69</b>			
<b>4</b>	4521-040C	4531-040C	1	0	607
	<b>1182.31</b>	<b>1314.51</b>			
<b>6</b>	4521-060C	4531-060C	1	0	559
	<b>2441.02</b>	<b>2711.90</b>			

**SR Threaded Ends**

<b>1/2</b>	4521-005CSR	4531-005CSR	1	18	606
	<b>80.20</b>	<b>89.18</b>			
<b>3/4</b>	4521-007CSR	4531-007CSR	1	18	606
	<b>97.32</b>	<b>107.83</b>			
<b>1</b>	4521-010CSR	4531-010CSR	1	18	606
	<b>114.33</b>	<b>126.76</b>			
<b>1-1/4</b>	4521-012CSR	4531-012CSR	1	12	606
	<b>197.63</b>	<b>222.00</b>			
<b>1-1/2</b>	4521-015CSR	4531-015CSR	1	8	606
	<b>197.63</b>	<b>222.00</b>			
<b>2</b>	4521-020CSR	4531-020CSR	1	8	606
	<b>266.10</b>	<b>295.47</b>			
<b>2-1/2</b>	4521-025CSR	4531-025CSR	1	0	607
	<b>562.06</b>	<b>621.60</b>			
<b>3</b>	4521-030CSR	4531-030CSR	1	0	607
	<b>562.06</b>	<b>837.65</b>			
<b>4</b>	4521-040CSR	4531-040CSR	1	0	607
	<b>1209.12</b>	<b>1341.34</b>			
<b>6</b>	4521-060CSR	4531-060CSR	1	0	559
	<b>2506.84</b>	<b>2777.72</b>			

**Spigot Ends**

<b>1/2</b>	4527-005C	4537-005C	1	18	606
	<b>79.14</b>	<b>88.10</b>			
<b>3/4</b>	4527-007C	4537-007C	1	18	606
	<b>94.72</b>	<b>105.27</b>			
<b>1</b>	4527-010C	4537-010C	1	12	606
	<b>111.77</b>	<b>124.17</b>			
<b>1-1/4</b>	4527-012C	4537-012C	1	12	606
	<b>192.50</b>	<b>213.69</b>			
<b>1-1/2</b>	4527-015C	4537-015C	1	8	606
	<b>218.59</b>	<b>213.69</b>			
<b>2</b>	4527-020C	4537-020C	1	8	606
	<b>257.12</b>	<b>286.48</b>			
<b>2-1/2</b>	4527-025C	4537-025C	1	0	607
	<b>538.78</b>	<b>598.62</b>			
<b>3</b>	4527-030C	4537-030C	1	0	607
	<b>700.15</b>	<b>775.16</b>			
<b>4</b>	4527-040C	4537-040C	1	0	607
	<b>1182.31</b>	<b>1314.51</b>			
<b>6</b>	4527-060C	4537-060C	1	0	559
	<b>2441.02</b>	<b>2711.90</b>			

**Flanged Ends**

<b>1/2</b>	4523-005C	4533-005C	1	8	606
	<b>98.27</b>	<b>122.80</b>			

**CPVC Industrial (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	4523-007C	4533-007C	1	8	606
	<b>117.24</b>	<b>148.41</b>			
<b>1</b>	4523-010C	4533-010C	1	8	606
	<b>139.99</b>	<b>172.59</b>			
<b>1-1/4</b>	4523-012C	4533-012C	1	8	606
	<b>236.12</b>	<b>292.78</b>			
<b>1-1/2</b>	4523-015C	4533-015C	1	4	606
	<b>252.26</b>	<b>315.22</b>			
<b>2</b>	4523-020C	4533-020C	1	0	606
	<b>446.04</b>	<b>478.20</b>			
<b>2-1/2</b>	4523-025C	4533-025C	1	0	607
	<b>808.13</b>	<b>874.29</b>			
<b>3</b>	4523-030C	4533-030C	1	0	607
	<b>902.35</b>	<b>989.94</b>			
<b>4</b>	4523-040C	4533-040C	1	0	607
	<b>1492.90</b>	<b>1603.10</b>			
<b>6</b>	4523-060C	4533-060C	1	0	559
	<b>3980.64</b>	<b>4138.28</b>			
<b>8</b>	4523-080C	4533-080C	1	0	559
	<b>4582.09</b>	<b>4985.86</b>			

**Flanged Ends**

<b>3/4</b>	4523-007C	4533-007C	1	8	606
	<b>117.24</b>	<b>148.41</b>			
<b>1</b>	4523-010C	4533-010C	1	8	606
	<b>139.99</b>	<b>172.59</b>			
<b>1-1/4</b>	4523-012C	4533-012C	1	8	606
	<b>236.12</b>	<b>292.78</b>			
<b>1-1/2</b>	4523-015C	4533-015C	1	4	606
	<b>252.26</b>	<b>315.22</b>			
<b>2</b>	4523-020C	4533-020C	1	0	606
	<b>446.04</b>	<b>478.20</b>			
<b>2-1/2</b>	4523-025C	4533-025C	1	0	607
	<b>808.13</b>	<b>874.29</b>			
<b>3</b>	4523-030C	4533-030C	1	0	607
	<b>902.35</b>	<b>989.94</b>			
<b>4</b>	4523-040C	4533-040C	1	0	607
	<b>1492.90</b>	<b>1603.10</b>			
<b>6</b>	4523-060C	4533-060C	1	0	559
	<b>3980.64</b>	<b>4138.28</b>			
<b>8</b>	4523-080C	4533-080C	1	0	559
	<b>4582.09</b>	<b>4985.86</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.



## Thermoplastic Valves True Union Ball Check Valves (Regular Style)



Socket/Threaded Style

Pressure Rating @ 73°F  
(23°C), Water  
1/2" - 2" 235 psi  
2-1/2" - 6" 150 psi  
Flanged 150 psi

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
Rated for Vacuum Service  
All Valves assembled with Silicone-Free,  
Water Soluble Lubricant

6" Venturied Valves are 4" Ball Check Valves equipped with 4x6 End Connectors.

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket & Threaded Ends

<b>1/2</b>	2229-005 <b>58.59</b>	2239-005 <b>66.02</b>	1	18	220
<b>3/4</b>	2229-007 <b>69.85</b>	2239-007 <b>73.74</b>	1	12	220
<b>1</b>	2229-010 <b>83.07</b>	2239-010 <b>92.61</b>	1	8	220
<b>1-1/4</b>	2229-012 <b>121.32</b>	2239-012 <b>136.15</b>	1	8	220
<b>1-1/2</b>	2229-015 <b>139.34</b>	2239-015 <b>154.64</b>	1	8	220
<b>2</b>	2229-020 <b>190.23</b>	2239-020 <b>211.53</b>	1	4	220

#### Socket Ends

<b>2-1/2</b>	2222-025 <b>461.19</b>	2232-025 <b>491.19</b>	1	0	220
<b>3</b>	2222-030 <b>557.14</b>	2232-030 <b>647.41</b>	1	0	220
<b>4</b>	2222-040 <b>865.12</b>	2232-040 <b>911.49</b>	1	0	220

#### Socket Venturied Ends

<b>6 VENTURIED</b>	2222-060 <b>1168.77</b>	2232-060 <b>1323.88</b>	1	0	221
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#### Threaded Ends

<b>2-1/2</b>	2221-025 <b>461.19</b>	2231-025 <b>491.19</b>	1	0	220
<b>3</b>	2221-030 <b>557.14</b>	2231-030 <b>647.41</b>	1	0	220
<b>4</b>	2221-040 <b>865.12</b>	2231-040 <b>911.49</b>	1	0	220

#### Flanged Ends

<b>1/2</b>	2223-005 <b>82.60</b>	2233-005 <b>103.68</b>	6	0	220
<b>3/4</b>	2223-007 <b>99.89</b>	2233-007 <b>124.31</b>	5	0	220
<b>1</b>	2223-010 <b>118.40</b>	2233-010 <b>144.66</b>	5	0	220
<b>1-1/4</b>	2223-012 <b>146.44</b>	2233-012 <b>189.30</b>	2	0	220
<b>1-1/2</b>	2223-015 <b>202.05</b>	2233-015 <b>219.63</b>	3	0	220
<b>2</b>	2223-020 <b>285.18</b>	2233-020 <b>291.95</b>	2	0	220
<b>2-1/2</b>	2223-025 <b>590.78</b>	2233-025 <b>687.99</b>	1	0	220
<b>3</b>	2223-030 <b>826.39</b>	2233-030 <b>960.96</b>	1	0	220
<b>4</b>	2223-040 <b>1118.61</b>	2233-040 <b>1298.39</b>	1	0	220

#### Flanged Venturied Ends

<b>6 VENTURIED</b>	2223-060 <b>1399.93</b>	2233-060 <b>1561.95</b>	1	0	221
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### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket & Threaded Ends

<b>1/2</b>	2229-005C <b>86.59</b>	2239-005C <b>96.40</b>	1	18	222
<b>3/4</b>	2229-007C <b>103.65</b>	2239-007C <b>115.18</b>	1	12	222
<b>1</b>	2229-010C <b>122.30</b>	2239-010C <b>135.87</b>	1	8	222

### CPVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Socket & Threaded Ends

<b>1-1/4</b>	2229-012C <b>210.61</b>	2239-012C <b>233.81</b>	1	8	222
<b>1-1/2</b>	2229-015C <b>254.68</b>	2239-015C <b>269.20</b>	1	8	222
<b>2</b>	2229-020C <b>282.03</b>	2239-020C <b>313.45</b>	1	4	222

#### Socket Ends

<b>2-1/2</b>	2222-025C <b>589.49</b>	2232-025C <b>654.97</b>	1	0	222
<b>3</b>	2222-030C <b>960.18</b>	2232-030C <b>1050.76</b>	1	0	222
<b>4</b>	2222-040C <b>1293.59</b>	2232-040C <b>1438.23</b>	1	0	222

#### Socket Venturied Ends

<b>6 VENTURIED</b>	2222-060C <b>1668.73</b>	2232-060C <b>1869.67</b>	1	0	223
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#### Threaded Ends

<b>2-1/2</b>	2221-025C <b>589.49</b>	2231-025C <b>654.97</b>	1	0	222
<b>3</b>	2221-030C <b>960.18</b>	2231-030C <b>1050.76</b>	1	0	222
<b>4</b>	2221-040C <b>1293.59</b>	2231-040C <b>1438.23</b>	1	0	222

#### Flanged Ends

<b>1/2</b>	2223-005C <b>107.52</b>	2233-005C <b>134.35</b>	6	0	222
<b>3/4</b>	2223-007C <b>128.27</b>	2233-007C <b>162.39</b>	5	0	222
<b>1</b>	2223-010C <b>153.16</b>	2233-010C <b>188.82</b>	5	0	222
<b>1-1/4</b>	2223-012C <b>258.35</b>	2233-012C <b>320.33</b>	2	0	222
<b>1-1/2</b>	2223-015C <b>276.00</b>	2233-015C <b>344.88</b>	3	0	222
<b>2</b>	2223-020C <b>488.01</b>	2233-020C <b>523.21</b>	2	0	222
<b>2-1/2</b>	2223-025C <b>776.52</b>	2233-025C <b>884.18</b>	1	0	222
<b>3</b>	2223-030C <b>987.29</b>	2233-030C <b>1083.11</b>	1	0	222
<b>4</b>	2223-040C <b>1633.40</b>	2233-040C <b>1753.98</b>	1	0	222

#### Flanged Venturied Ends

<b>6 VENTURIED</b>	2223-060C <b>1969.11</b>	2233-060C <b>2131.44</b>	1	0	223
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## Thermoplastic Valves Foot Valve Screens & Y-Check Valves



### Foot Valve Screens

Convert to Foot Valve using adapter - Fits all Socket Ball Check Valves or any IPS fitting socket



PVC / CPVC Foot Valve Screen

#### Foot Valve Screens - Spigot

Size	PVC	CPVC	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	FVS-005 <b>43.23</b>	FVS-005C <b>59.71</b>	10	60	299
<b>3/4</b>	FVS-007 <b>51.34</b>	FVS-007C <b>64.41</b>	10	60	299
<b>1</b>	FVS-010 <b>62.44</b>	FVS-010C <b>73.12</b>	10	40	299
<b>1-1/4</b>	FVS-012 <b>90.89</b>	FVS-012C <b>112.93</b>	5	30	299
<b>1-1/2</b>	FVS-015 <b>95.74</b>	FVS-015C <b>117.26</b>	5	0	299
<b>2</b>	FVS-020 <b>108.05</b>	FVS-020C <b>129.45</b>	5	0	299

#### Foot Valve Screens - Spigot (continued)

Size	PVC	CPVC	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	FVS-025 <b>148.63</b>	FVS-025C <b>188.60</b>	5	0	299
<b>3</b>	FVS-030 <b>152.88</b>	FVS-030C <b>210.03</b>	5	0	299
<b>4</b>	FVS-040 <b>180.89</b>	FVS-040C <b>300.18</b>	5	0	299
<b>6</b>	FVS-060 <b>244.96</b>	FVS-060C <b>428.95</b>	5	0	299

### Y-Check Valves



PVC Clear — Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2"      150 psi  
 3" - 4"      90 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply



True Union Style

#### PVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1622-005 <b>84.18</b>	1632-005 <b>93.36</b>	1	18	627
<b>3/4</b>	1622-007 <b>90.30</b>	1632-007 <b>101.02</b>	1	18	627
<b>1</b>	1622-010 <b>99.48</b>	1632-010 <b>110.18</b>	1	12	627
<b>1-1/4</b>	1622-012 <b>156.10</b>	1632-012 <b>172.95</b>	1	8	627
<b>1-1/2</b>	1622-015 <b>169.87</b>	1632-015 <b>188.24</b>	1	8	627
<b>2</b>	1622-020 <b>211.20</b>	1632-020 <b>234.17</b>	1	4	627
<b>3</b>	1622-030 <b>417.81</b>	1632-030 <b>463.71</b>	1	0	627
<b>4</b>	1622-040 <b>728.49</b>	1632-040 <b>809.61</b>	1	0	627

#### PVC - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1621-005SR <b>87.24</b>	1631-005SR <b>96.43</b>	1	18	627
<b>3/4</b>	1621-007SR <b>94.88</b>	1631-007SR <b>105.60</b>	1	12	627
<b>1</b>	1621-010SR <b>105.60</b>	1631-010SR <b>116.31</b>	1	8	627

#### PVC - SR Threaded Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1-1/4</b>	1621-012SR <b>165.28</b>	1631-012SR <b>182.12</b>	1	8	627
<b>1-1/2</b>	1621-015SR <b>183.65</b>	1631-015SR <b>202.02</b>	1	4	627
<b>2</b>	1621-020SR <b>226.50</b>	1631-020SR <b>249.46</b>	1	0	627
<b>3</b>	1621-030SR <b>459.14</b>	1631-030SR <b>505.04</b>	1	0	627
<b>4</b>	1621-040SR <b>771.34</b>	1631-040SR <b>852.44</b>	1	0	627

#### PVC - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005 <b>110.18</b>	1633-005 <b>122.45</b>	1	8	627
<b>3/4</b>	1623-007 <b>120.90</b>	1633-007 <b>134.68</b>	1	4	627
<b>1</b>	1623-010 <b>141.53</b>	1633-010 <b>162.22</b>	1	8	627
<b>1-1/4</b>	1623-012 <b>224.97</b>	1633-012 <b>249.46</b>	1	4	627
<b>1-1/2</b>	1623-015 <b>238.76</b>	1633-015 <b>264.76</b>	1	4	627
<b>2</b>	1623-020 <b>319.86</b>	1633-020 <b>355.04</b>	1	0	627

Made in the U.S.A.

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 Progressive Products from Spears® Innovation and Technology



## Thermoplastic Valves Y-Check Valves

### PVC - Flanged Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>3</b>	1623-030 <b>625.94</b>	1633-030 <b>694.81</b>	1	0	627
<b>4</b>	1623-040 <b>999.36</b>	1633-040 <b>1109.56</b>	1	0	627

### PVC Clear - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1622-005CL <b>84.18</b>	1632-005CL <b>93.36</b>	1	18	628
<b>3/4</b>	1622-007CL <b>90.30</b>	1632-007CL <b>101.02</b>	1	18	628
<b>1</b>	1622-010CL <b>99.48</b>	1632-010CL <b>110.18</b>	1	12	628
<b>1-1/4</b>	1622-012CL <b>156.10</b>	1632-012CL <b>172.95</b>	1	8	628
<b>1-1/2</b>	1622-015CL <b>169.87</b>	1632-015CL <b>188.24</b>	1	8	628
<b>2</b>	1622-020CL <b>211.20</b>	1632-020CL <b>234.17</b>	1	4	628
<b>3</b>	1622-030CL <b>417.81</b>	1632-030CL <b>463.71</b>	1	0	628
<b>4</b>	1622-040CL <b>728.49</b>	1632-040CL <b>809.61</b>	1	0	628

### PVC Clear - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1621-005CLSR <b>87.24</b>	1631-005CLSR <b>96.43</b>	1	18	628
<b>3/4</b>	1621-007CLSR <b>94.88</b>	1631-007CLSR <b>105.60</b>	1	12	628
<b>1</b>	1621-010CLSR <b>105.60</b>	1631-010CLSR <b>116.31</b>	1	8	628
<b>1-1/4</b>	1621-012CLSR <b>165.28</b>	1631-012CLSR <b>182.12</b>	1	8	628
<b>1-1/2</b>	1621-015CLSR <b>183.65</b>	1631-015CLSR <b>202.02</b>	1	4	628
<b>2</b>	1621-020CLSR <b>226.50</b>	1631-020CLSR <b>249.46</b>	1	0	628
<b>3</b>	1621-030CLSR <b>459.14</b>	1631-030CLSR <b>505.04</b>	1	0	628
<b>4</b>	1621-040CLSR <b>771.34</b>	1631-040CLSR <b>852.44</b>	1	0	628

### PVC Clear - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005CL <b>110.18</b>	1633-005CL <b>122.45</b>	1	8	628
<b>3/4</b>	1623-007CL <b>120.90</b>	1633-007CL <b>134.68</b>	1	8	628
<b>1</b>	1623-010CL <b>145.39</b>	1633-010CL <b>162.22</b>	1	8	628
<b>1-1/4</b>	1623-012CL <b>224.97</b>	1633-012CL <b>249.46</b>	1	4	628
<b>1-1/2</b>	1623-015CL <b>238.76</b>	1633-015CL <b>264.76</b>	1	4	628
<b>2</b>	1623-020CL <b>319.86</b>	1633-020CL <b>355.04</b>	1	0	628
<b>3</b>	1623-030CL <b>625.94</b>	1633-030CL <b>694.81</b>	1	0	628
<b>4</b>	1623-040CL <b>999.36</b>	1633-040CL <b>1109.56</b>	1	0	628

### CPVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1622-005C <b>120.90</b>	1632-005C <b>133.14</b>	1	18	629
<b>3/4</b>	1622-007C <b>130.09</b>	1632-007C <b>143.86</b>	1	18	629
<b>1</b>	1622-010C <b>142.33</b>	1632-010C <b>157.63</b>	1	12	629
<b>1-1/4</b>	1622-012C <b>223.44</b>	1632-012C <b>247.93</b>	1	8	629

### CPVC - Socket Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1-1/2</b>	1622-015C <b>243.34</b>	1632-015C <b>269.35</b>	1	8	629
<b>2</b>	1622-020C <b>301.49</b>	1632-020C <b>335.15</b>	1	4	629
<b>3</b>	1622-030C <b>862.84</b>	1632-030C <b>965.46</b>	1	0	629
<b>4</b>	1622-040C <b>1040.67</b>	1632-040C <b>1156.99</b>	1	0	629

### CPVC - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1621-005CSR <b>123.96</b>	1631-005CSR <b>137.73</b>	1	18	629
<b>3/4</b>	1621-007CSR <b>134.68</b>	1631-007CSR <b>149.99</b>	1	12	629
<b>1</b>	1621-010CSR <b>149.99</b>	1631-010CSR <b>165.28</b>	1	8	629
<b>1-1/4</b>	1621-012CSR <b>235.69</b>	1631-012CSR <b>258.64</b>	1	8	629
<b>1-1/2</b>	1621-015CSR <b>263.23</b>	1631-015CSR <b>289.26</b>	1	4	629
<b>2</b>	1621-020CSR <b>322.91</b>	1631-020CSR <b>356.60</b>	1	0	629
<b>3</b>	1621-030CSR <b>656.55</b>	1631-030CSR <b>722.36</b>	1	0	629
<b>4</b>	1621-040CSR <b>1100.37</b>	1631-040CSR <b>1216.69</b>	1	0	629

### CPVC - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1623-005C <b>157.63</b>	1633-005C <b>162.26</b>	1	8	629
<b>3/4</b>	1623-007C <b>172.95</b>	1633-007C <b>192.83</b>	1	8	629
<b>1</b>	1623-010C <b>208.15</b>	1633-010C <b>231.71</b>	1	8	629
<b>1-1/4</b>	1623-012C <b>321.39</b>	1633-012C <b>356.60</b>	1	4	629
<b>1-1/2</b>	1623-015C <b>339.74</b>	1633-015C <b>378.01</b>	1	4	629
<b>2</b>	1623-020C <b>456.06</b>	1633-020C <b>506.56</b>	1	0	629
<b>3</b>	1623-030C <b>893.77</b>	1633-030C <b>993.24</b>	1	0	629
<b>4</b>	1623-040C <b>1426.35</b>	1633-040C <b>1585.52</b>	1	0	629

### PVC - True Union Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005 <b>91.83</b>	163A-005 <b>101.02</b>	1	12	627
<b>3/4</b>	162A-007 <b>97.94</b>	163A-007 <b>110.18</b>	1	8	627
<b>1</b>	162A-010 <b>108.66</b>	163A-010 <b>119.36</b>	1	8	627
<b>1-1/4</b>	162A-012 <b>169.87</b>	163A-012 <b>188.24</b>	1	4	627
<b>1-1/2</b>	162A-015 <b>185.18</b>	163A-015 <b>205.09</b>	1	0	627
<b>2</b>	162A-020 <b>229.56</b>	163A-020 <b>254.04</b>	2	0	627
<b>3</b>	162A-030 <b>454.53</b>	163A-030 <b>495.86</b>	1	0	627
<b>4</b>	162A-040 <b>792.77</b>	163A-040 <b>880.00</b>	1	0	627

### PVC - True Union Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005 <b>91.83</b>	163B-005 <b>101.02</b>	1	12	627
<b>3/4</b>	162B-007 <b>97.94</b>	163B-007 <b>110.18</b>	1	8	627

**Thermoplastic Valves  
Y-Check Valves**



**PVC - True Union Threaded Ends (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1</b>	162B-010 <b>108.66</b>	163B-010 <b>119.36</b>	1	8	627
<b>1-1/4</b>	162B-012 <b>168.36</b>	163B-012 <b>188.24</b>	1	4	627
<b>1-1/2</b>	162B-015 <b>185.18</b>	163B-015 <b>205.09</b>	1	0	627
<b>2</b>	162B-020 <b>229.56</b>	163B-020 <b>254.04</b>	2	0	627
<b>3</b>	162B-030 <b>454.53</b>	163B-030 <b>495.86</b>	1	0	627
<b>4</b>	162B-040 <b>792.77</b>	163B-040 <b>880.00</b>	1	0	627

**PVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005SR <b>94.88</b>	163B-005SR <b>104.07</b>	1	12	627
<b>3/4</b>	162B-007SR <b>102.53</b>	163B-007SR <b>113.26</b>	1	8	627
<b>1</b>	162B-010SR <b>113.26</b>	163B-010SR <b>125.50</b>	1	8	627
<b>1-1/4</b>	162B-012SR <b>179.06</b>	163B-012SR <b>197.41</b>	1	4	627
<b>1-1/2</b>	162B-015SR <b>200.48</b>	163B-015SR <b>220.38</b>	1	0	627
<b>2</b>	162B-020SR <b>246.40</b>	163B-020SR <b>272.40</b>	1	0	627
<b>3</b>	162B-030SR <b>498.91</b>	163B-030SR <b>549.43</b>	1	0	627
<b>4</b>	162B-040SR <b>837.14</b>	163B-040SR <b>925.90</b>	1	0	627

**PVC Clear - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005CL <b>91.83</b>	163A-005CL <b>101.02</b>	1	12	628
<b>3/4</b>	162A-007CL <b>97.94</b>	163A-007CL <b>110.18</b>	1	8	628
<b>1</b>	162A-010CL <b>108.66</b>	163A-010CL <b>119.36</b>	1	8	628
<b>1-1/4</b>	162A-012CL <b>169.87</b>	163A-012CL <b>188.24</b>	1	4	628
<b>1-1/2</b>	162A-015CL <b>185.18</b>	163A-015CL <b>205.09</b>	1	0	628
<b>2</b>	162A-020CL <b>229.56</b>	163A-020CL <b>254.04</b>	2	0	628
<b>3</b>	162A-030CL <b>454.53</b>	163A-030CL <b>495.86</b>	1	0	628
<b>4</b>	162A-040CL <b>792.77</b>	163A-040CL <b>880.00</b>	1	0	628

**PVC Clear - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CL <b>91.83</b>	163B-005CL <b>101.02</b>	1	12	628
<b>3/4</b>	162B-007CL <b>97.94</b>	163B-007CL <b>110.18</b>	1	8	628
<b>1</b>	162B-010CL <b>108.66</b>	163B-010CL <b>119.36</b>	1	8	628
<b>1-1/4</b>	162B-012CL <b>169.87</b>	163B-012CL <b>188.24</b>	1	4	628
<b>1-1/2</b>	162B-015CL <b>185.18</b>	163B-015CL <b>205.09</b>	1	0	628
<b>2</b>	162B-020CL <b>229.56</b>	163B-020CL <b>254.04</b>	2	0	628
<b>3</b>	162B-030CL <b>454.53</b>	163B-030CL <b>495.86</b>	1	0	628
<b>4</b>	162B-040CL <b>792.77</b>	163B-040CL <b>880.00</b>	1	0	628

**PVC Clear - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CLSR <b>94.88</b>	163B-005CLSR <b>104.07</b>	1	12	628
<b>3/4</b>	162B-007CLSR <b>102.53</b>	163B-007CLSR <b>113.26</b>	1	8	628
<b>1</b>	162B-010CLSR <b>113.26</b>	163B-010CLSR <b>125.50</b>	1	8	628
<b>1-1/4</b>	162B-012CLSR <b>179.06</b>	163B-012CLSR <b>197.41</b>	1	4	628
<b>1-1/2</b>	162B-015CLSR <b>200.48</b>	163B-015CLSR <b>220.38</b>	1	0	628
<b>2</b>	162B-020CLSR <b>246.40</b>	163B-020CLSR <b>272.40</b>	1	0	628
<b>3</b>	162B-030CLSR <b>498.91</b>	163B-030CLSR <b>549.43</b>	1	0	628
<b>4</b>	162B-040CLSR <b>837.14</b>	163B-040CLSR <b>925.90</b>	1	0	628

**CPVC - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162A-005C <b>131.62</b>	163A-005C <b>145.39</b>	1	12	629
<b>3/4</b>	162A-007C <b>140.80</b>	163A-007C <b>157.63</b>	1	8	629
<b>1</b>	162A-010C <b>154.57</b>	163A-010C <b>171.41</b>	1	8	629
<b>1-1/4</b>	162A-012C <b>241.81</b>	163A-012C <b>269.35</b>	1	4	629
<b>1-1/2</b>	162A-015C <b>263.23</b>	163A-015C <b>292.32</b>	1	0	629
<b>2</b>	162A-020C <b>327.51</b>	163A-020C <b>364.23</b>	2	0	629
<b>3</b>	162A-030C <b>648.90</b>	163A-030C <b>708.57</b>	1	0	629
<b>4</b>	162A-040C <b>1130.98</b>	163A-040C <b>1256.48</b>	1	0	629

**CPVC - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005C <b>131.62</b>	163B-005C <b>145.39</b>	1	12	629
<b>3/4</b>	162B-007C <b>140.80</b>	163B-007C <b>157.63</b>	1	8	629
<b>1</b>	162B-010C <b>154.57</b>	163B-010C <b>171.41</b>	1	8	629
<b>1-1/4</b>	162B-012C <b>241.81</b>	163B-012C <b>269.35</b>	1	4	629
<b>1-1/2</b>	162B-015C <b>263.23</b>	163B-015C <b>292.32</b>	1	0	629
<b>2</b>	162B-020C <b>327.51</b>	163B-020C <b>364.23</b>	2	0	629
<b>3</b>	162B-030C <b>648.90</b>	163B-030C <b>708.57</b>	1	0	629
<b>4</b>	162B-040C <b>1130.98</b>	163B-040C <b>1256.48</b>	1	0	629

**CPVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	162B-005CSR <b>134.68</b>	163B-005CSR <b>148.45</b>	1	12	629
<b>3/4</b>	162B-007CSR <b>146.93</b>	163B-007CSR <b>162.22</b>	1	8	629
<b>1</b>	162B-010CSR <b>162.22</b>	163B-010CSR <b>179.06</b>	1	8	629
<b>1-1/4</b>	162B-012CSR <b>255.57</b>	163B-012CSR <b>281.60</b>	1	4	629
<b>1-1/2</b>	162B-015CSR <b>286.19</b>	163B-015CSR <b>313.72</b>	1	0	629
<b>2</b>	162B-020CSR <b>351.99</b>	163B-020CSR <b>387.19</b>	1	0	629
<b>3</b>	162B-030CSR <b>713.18</b>	163B-030CSR <b>783.59</b>	1	0	629
<b>4</b>	162B-040CSR <b>1196.80</b>	163B-040CSR <b>1322.30</b>	1	0	629



## Thermoplastic Valves Y-Check Valve Repair Kits

All Kits include:  
 1-Seat  
 1-Bonnet O-ring  
 1-Plug O-ring

All Union Kits include:  
 1-Seat  
 1-Bonnet O-ring  
 1-Plug O-ring  
 2-End Connector O-rings

### Y-Check Valve - Seat & O-ring Repair Kits

Size	Standard EPDM O-ring	Standard Viton® O-ring	True Union EPDM O-ring	True Union Viton® O-ring	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YC-ERK-005 3.32	YC-VRK-005 9.80	YC-UERK-005 3.88	YC-UVRK-005 11.76	1	10	299
<b>3/4</b>	YC-ERK-007 3.80	YC-VRK-007 10.57	YC-UERK-007 4.49	YC-UVRK-007 13.15	1	10	299
<b>1</b>	YC-ERK-010 3.88	YC-VRK-010 14.35	YC-UERK-010 4.72	YC-UVRK-010 19.03	1	10	299
<b>1-1/4</b>	YC-ERK-012 4.06	YC-VRK-012 26.70	YC-UERK-012 5.89	YC-UVRK-012 33.39	1	10	299
<b>1-1/2</b>	YC-ERK-015 7.05	YC-VRK-015 29.16	YC-UERK-015 9.89	YC-UVRK-015 41.51	1	10	299
<b>2</b>	YC-ERK-020 9.48	YC-VRK-020 34.90	YC-UERK-020 13.09	YC-UVRK-020 50.34	1	10	299
<b>3</b>	YC-ERK-030 16.36	YC-VRK-030 91.55	YC-UERK-030 28.43	YC-UVRK-030 116.16	1	10	299
<b>4</b>	YC-ERK-040 21.18	YC-VRK-040 131.80	YC-UERK-040 31.50	YC-UVRK-040 162.61	1	10	299

## Thermoplastic Valves Butterfly Check Valves



**Pressure Rating @ 73°F (23°C), Water**

2" - 8"      150 psi  
10" - 16"    100 psi  
18" - 24"    50 psi

**Maximum Service Temperature**

PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

**Temperature/Pressure De-ratings Apply**

**General Installation Information:** Butterfly Check Valve seating may be affected by normal system turbulence. Flow velocities should be limited to approximately 5 feet per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do not place near bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in premature failure of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, perpendicular to flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loading, the Hinge Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

**PVC**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Wafer</b>					
<b>2</b>	5420-020 <b>385.09</b>	5430-020 <b>424.33</b>	1	18	289
<b>2-1/2</b>	5420-025 <b>530.69</b>	5430-025 <b>584.85</b>	1	0	289
<b>3</b>	5420-030 <b>678.83</b>	5430-030 <b>748.05</b>	1	8	289
<b>4</b>	5420-040 <b>923.19</b>	5430-040 <b>1017.36</b>	1	4	289
<b>6</b>	5420-060 <b>1399.61</b>	5430-060 <b>1542.36</b>	1	0	289
<b>8</b>	5420-080 <b>2374.63</b>	5430-080 <b>2616.83</b>	1	0	289
<b>10</b>	5420-100 <b>4366.31</b>	5430-100 <b>4846.59</b>	1	0	289
<b>12</b>	5420-120 <b>6156.44</b>	5430-120 <b>6833.66</b>	1	0	289
<b>14</b>	5420-140 <b>8793.94</b>	---	1	0	289
<b>16</b>	5420-160 <b>12212.80</b>	---	1	0	289
<b>18</b>	5420-180 <b>15264.85</b>	---	1	0	289
<b>20</b>	5420-200 <b>19081.05</b>	---	1	0	289
<b>24</b>	5420-240 <b>27256.74</b>	---	1	0	289

**Flanged Ends**

<b>2</b>	5423-020 <b>491.20</b>	5433-020 <b>528.24</b>	1	8	289
<b>2-1/2</b>	5423-025 <b>639.32</b>	5433-025 <b>696.11</b>	1	0	289
<b>3</b>	5423-030 <b>918.27</b>	5433-030 <b>1009.59</b>	1	0	289
<b>4</b>	5423-040 <b>1192.26</b>	5433-040 <b>1330.47</b>	1	0	289
<b>6</b>	5423-060 <b>1932.78</b>	5433-060 <b>2211.72</b>	1	0	289
<b>8</b>	5423-080 <b>2769.57</b>	5433-080 <b>3268.20</b>	1	0	289
<b>10</b>	5423-100 <b>5099.79</b>	5433-100 <b>5815.62</b>	1	0	289
<b>12</b>	5423-120 <b>7225.10</b>	5433-120 <b>7685.85</b>	1	0	289
<b>14</b>	5423-140 <b>10187.39</b>	5433-140 <b>10836.99</b>	4	0	289

**PVC (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>					
<b>16</b>	5423-160 <b>14338.77</b>	5433-160 <b>15481.40</b>	1	0	289
<b>18</b>	5423-180 <b>18319.43</b>	5433-180 <b>19595.64</b>	1	0	289
<b>20</b>	5423-200 <b>24077.89</b>	5433-200 <b>25783.73</b>	1	0	289
<b>24</b>	5423-240 <b>31537.47</b>	5433-240 <b>33924.26</b>	1	0	289

**Spigot (Plain End)**

<b>2</b>	5427-020 <b>209.82</b>	5437-020 <b>246.84</b>	1	12	289
<b>2-1/2</b>	5427-025 <b>288.81</b>	5437-025 <b>345.60</b>	1	12	289
<b>3</b>	5427-030 <b>387.54</b>	5437-030 <b>478.87</b>	1	8	289
<b>4</b>	5427-040 <b>508.50</b>	5437-040 <b>646.74</b>	1	4	289
<b>6</b>	5427-060 <b>1081.16</b>	5437-060 <b>1360.10</b>	1	0	289
<b>8</b>	5427-080 <b>1611.90</b>	5437-080 <b>2110.49</b>	1	0	289
<b>10</b>	5427-100 <b>3942.07</b>	5437-100 <b>4657.91</b>	1	0	289
<b>12</b>	5427-120 <b>5339.21</b>	5437-120 <b>6259.09</b>	1	0	289
<b>14</b>	5427-140 <b>7125.66</b>	5437-140 <b>8187.78</b>	1	0	289
<b>16</b>	5427-160 <b>10720.62</b>	5437-160 <b>12569.19</b>	1	0	289
<b>18</b>	5427-180 <b>13400.78</b>	5437-180 <b>15710.07</b>	1	0	289
<b>20</b>	5427-200 <b>16750.52</b>	5437-200 <b>19636.33</b>	1	0	289
<b>24</b>	5427-240 <b>23929.28</b>	5437-240 <b>28050.93</b>	1	0	289

**Threaded Ends**

<b>2</b>	5421A-020 <b>204.89</b>	5431A-020 <b>241.91</b>	1	4	289
<b>2-1/2</b>	5421A-025 <b>278.94</b>	5431A-025 <b>335.69</b>	1	8	289
<b>3</b>	5421A-030 <b>380.15</b>	5431A-030 <b>471.46</b>	1	8	289
<b>4</b>	5421A-040 <b>498.63</b>	5431A-040 <b>636.85</b>	1	4	289



## Thermoplastic Valves Butterfly Check Valves

### PVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>					
<b>6</b>	5421A-060 <b>1061.43</b>	5431A-060 <b>1340.35</b>	1	0	289
<b>8</b>	5421A-080 <b>1594.63</b>	5431A-080 <b>2093.22</b>	1	0	289
<b>10</b>	5421A-100 <b>3934.01</b>	5431A-100 <b>4651.01</b>	1	0	289
<b>12</b>	5421A-120 <b>5332.63</b>	5431A-120 <b>6252.52</b>	1	0	289

### Grooved Ends

<b>2</b>	542G-020 <b>232.03</b>	543G-020 <b>269.05</b>	1	12	289
<b>2-1/2</b>	542G-025 <b>303.62</b>	543G-025 <b>360.38</b>	1	8	289
<b>3</b>	542G-030 <b>399.88</b>	543G-030 <b>491.20</b>	1	8	289
<b>4</b>	542G-040 <b>538.13</b>	543G-040 <b>676.35</b>	1	4	289
<b>6</b>	542G-060 <b>1125.60</b>	543G-060 <b>1404.55</b>	1	0	289
<b>8</b>	542G-080 <b>1661.24</b>	543G-080 <b>2159.88</b>	1	0	289
<b>10</b>	542G-100 <b>4021.06</b>	543G-100 <b>4736.90</b>	1	0	289
<b>12</b>	542G-120 <b>5445.34</b>	543G-120 <b>6366.09</b>	1	0	289

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Wafer</b>					
<b>2</b>	5420-020C <b>596.86</b>	5430-020C <b>662.52</b>	1	18	290
<b>2-1/2</b>	5420-025C <b>822.59</b>	5430-025C <b>871.77</b>	1	0	290
<b>3</b>	5420-030C <b>1052.17</b>	5430-030C <b>1167.91</b>	1	0	290
<b>4</b>	5420-040C <b>1430.98</b>	5430-040C <b>1588.37</b>	1	0	290
<b>6</b>	5420-060C <b>2169.38</b>	5430-060C <b>2408.02</b>	1	0	290
<b>8</b>	5420-080C <b>3680.67</b>	5430-080C <b>4085.54</b>	1	0	290
<b>10</b>	5420-100C <b>7915.72</b>	5430-100C <b>8707.30</b>	1	0	290
<b>12</b>	5420-120C <b>13940.65</b>	5430-120C <b>15334.72</b>	1	0	290

### Flanged Ends

<b>2</b>	5423-020C <b>760.27</b>	5433-020C <b>797.30</b>	1	8	290
<b>2-1/2</b>	5423-025C <b>1216.93</b>	5433-025C <b>1273.70</b>	1	0	290
<b>3</b>	5423-030C <b>1300.85</b>	5433-030C <b>1392.19</b>	1	0	290
<b>4</b>	5423-040C <b>1523.01</b>	5433-040C <b>1661.24</b>	1	0	290
<b>6</b>	5423-060C <b>2685.64</b>	5433-060C <b>2964.59</b>	1	0	290
<b>8</b>	5423-080C <b>4302.47</b>	5433-080C <b>4801.11</b>	1	0	290
<b>10</b>	5423-100C <b>8131.01</b>	5433-100C <b>8846.85</b>	1	0	290
<b>12</b>	5423-120C <b>14645.18</b>	5433-120C <b>15565.94</b>	1	0	290
<b>14</b>	5423-140C <b>20921.33</b>	5433-140C <b>22236.76</b>	1	0	290
<b>16</b>	5423-160C <b>29055.80</b>	5433-160C <b>30884.37</b>	1	0	290
<b>18</b>	5423-180C <b>36319.73</b>	5433-180C <b>38605.48</b>	1	0	290
<b>20</b>	5423-200C <b>51885.14</b>	5433-200C <b>55149.57</b>	1	0	290
<b>24</b>	5423-240C <b>64854.98</b>	5433-240C <b>68936.72</b>	1	0	289

### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot (Plain End)</b>					
<b>2</b>	5427-020C <b>399.88</b>	5437-020C <b>436.91</b>	1	12	290
<b>2-1/2</b>	5427-025C <b>540.60</b>	5437-025C <b>597.35</b>	1	12	290
<b>3</b>	5427-030C <b>550.47</b>	5437-030C <b>640.97</b>	1	8	290
<b>4</b>	5427-040C <b>691.15</b>	5437-040C <b>829.40</b>	1	4	290
<b>6</b>	5427-060C <b>1478.60</b>	5437-060C <b>1757.54</b>	1	0	290
<b>8</b>	5427-080C <b>2219.12</b>	5437-080C <b>2717.74</b>	1	0	290
<b>10</b>	5427-100C <b>5546.55</b>	5437-100C <b>6262.43</b>	1	0	290
<b>12</b>	5427-120C <b>9101.10</b>	5437-120C <b>10021.00</b>	1	0	290
<b>14</b>	5427-140C <b>9519.26</b>	5437-140C <b>19882.22</b>	1	0	290
<b>16</b>	5427-160C <b>12588.10</b>	5437-160C <b>13067.26</b>	1	0	290
<b>18</b>	5427-180C <b>19142.33</b>	5437-180C <b>21970.47</b>	1	0	290
<b>20</b>	5427-200C <b>23928.86</b>	5437-200C <b>27460.38</b>	1	0	290
<b>24</b>	5427-240C <b>24784.56</b>	5437-240C <b>68936.72</b>	1	0	290

### Threaded Ends

<b>2</b>	5421A-020C <b>397.44</b>	5431A-020C <b>459.14</b>	1	12	290
<b>2-1/2</b>	5421A-025C <b>538.45</b>	5431A-025C <b>595.72</b>	1	8	290
<b>3</b>	5421A-030C <b>547.17</b>	5431A-030C <b>638.49</b>	1	8	290
<b>4</b>	5421A-040C <b>687.87</b>	5431A-040C <b>826.10</b>	1	4	290
<b>6</b>	5421A-060C <b>1467.06</b>	5431A-060C <b>1745.17</b>	1	0	290
<b>8</b>	5421A-080C <b>2208.90</b>	5431A-080C <b>2707.54</b>	1	0	290
<b>10</b>	5421A-100C <b>5537.82</b>	5431A-100C <b>6253.69</b>	1	0	290
<b>12</b>	5421A-120C <b>9086.60</b>	5431A-120C <b>10007.34</b>	1	0	290

### Grooved Ends

<b>2</b>	542G-020C <b>422.12</b>	543G-020C <b>488.95</b>	1	12	290
<b>2-1/2</b>	542G-025C <b>560.33</b>	543G-025C <b>617.12</b>	1	8	290
<b>3</b>	542G-030C <b>569.36</b>	543G-030C <b>660.71</b>	1	8	290
<b>4</b>	542G-040C <b>730.65</b>	543G-040C <b>869.53</b>	1	4	290
<b>6</b>	542G-060C <b>1530.43</b>	543G-060C <b>1809.37</b>	1	0	290
<b>8</b>	542G-080C <b>2268.66</b>	543G-080C <b>2767.28</b>	1	0	290
<b>10</b>	542G-100C <b>5630.49</b>	543G-100C <b>6346.32</b>	1	0	290
<b>12</b>	542G-120C <b>9384.97</b>	543G-120C <b>10305.68</b>	1	0	290



# Thermoplastic Valves Butterfly Check Valve Repair Kits & Industrial Swing Check Valves



## Butterfly Check Valve Repair Kits

PVC & CPVC Butterfly Check Valve Repair Kit is an internal assembly including:

- |                         |                               |
|-------------------------|-------------------------------|
| 1-Flex Seal Gasket Seat | 1-Post Strip                  |
| 1-Hinge Post            | 2-Seat Post O-rings           |
| 2-Flapper Plates        | Plastic Assembly Screws       |
| 2-Flapper Covers        | Use Existing Hinge Post Bolts |

### PVC Butterfly Check Valve Repair Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2</b>	BFC-ERK-020 <b>148.17</b>	BFC-VRK-020 <b>175.06</b>	1	10	299
<b>2-1/2</b>	BFC-ERK-025 <b>201.78</b>	BFC-VRK-025 <b>242.90</b>	1	0	299
<b>3</b>	BFC-ERK-030 <b>274.85</b>	BFC-VRK-030 <b>340.63</b>	1	10	299
<b>4</b>	BFC-ERK-040 <b>360.71</b>	BFC-VRK-040 <b>460.51</b>	1	10	299
<b>6</b>	BFC-ERK-060 <b>767.78</b>	BFC-VRK-060 <b>969.57</b>	1	10	299
<b>8</b>	BFC-ERK-080 <b>1153.67</b>	BFC-VRK-080 <b>1514.05</b>	1	10	299
<b>10</b>	BFC-ERK-100 <b>2845.64</b>	BFC-VRK-100 <b>3364.20</b>	1	0	299
<b>12</b>	BFC-ERK-120 <b>3857.29</b>	BFC-VRK-120 <b>4522.60</b>	1	0	299

### CPVC Butterfly Check Valve Repair Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>2</b>	BFC-ERK-020C <b>287.49</b>	BFC-VRK-020C <b>314.23</b>	1	10	299
<b>2-1/2</b>	BFC-ERK-025C <b>389.52</b>	BFC-VRK-025C <b>430.96</b>	1	10	299
<b>3</b>	BFC-ERK-030C <b>396.00</b>	BFC-VRK-030C <b>461.78</b>	1	10	299
<b>4</b>	BFC-ERK-040C <b>497.52</b>	BFC-VRK-040C <b>597.63</b>	1	10	299
<b>6</b>	BFC-ERK-060C <b>1061.15</b>	BFC-VRK-060C <b>1262.30</b>	1	10	299
<b>8</b>	BFC-ERK-080C <b>1597.71</b>	BFC-VRK-080C <b>1958.46</b>	1	10	299
<b>10</b>	BFC-ERK-100C <b>4005.64</b>	BFC-VRK-100C <b>4523.55</b>	1	0	299
<b>12</b>	BFC-ERK-120C <b>6572.78</b>	BFC-VRK-120C <b>7238.72</b>	1	0	299

## Industrial Swing Check Valves



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4"

Pressure Rating @ 73°F (23°C), Water  
 3/4" - 4" 150 psi  
 6" 100 psi  
 8" 70 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 PP = 180°F (82°C)  
 Temperature/Pressure De-ratings Apply  
 All Valves Assembled with Silicone-Free Lubricants



Bolted Bonnet on Sizes 1-1/2" & Up  
(Valve Shown with Arrow Indicator Option)

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

### Industrial Swing Check Valves

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423-007 <b>465.38</b>	4433-007 <b>492.26</b>	1	12	108
<b>1</b>	4423-010 <b>536.30</b>	4433-010 <b>584.47</b>	1	4	108
<b>1-1/4</b>	4423-012 <b>670.85</b>	4433-012 <b>709.80</b>	1	0	108
<b>1-1/2</b>	4423-015 <b>735.43</b>	4433-015 <b>821.63</b>	1	0	108
<b>2</b>	4423-020 <b>846.67</b>	4433-020 <b>940.77</b>	1	0	108
<b>2-1/2</b>	4423-025 <b>1416.97</b>	4433-025 <b>1671.60</b>	1	0	110
<b>3</b>	4423-030 <b>1584.68</b>	4433-030 <b>2076.63</b>	1	0	110
<b>4</b>	4423-040 <b>2019.80</b>	4433-040 <b>2371.43</b>	1	0	110
<b>6</b>	4423-060 <b>3838.62</b>	4433-060 <b>4505.53</b>	1	0	110
<b>8</b>	4423-080 <b>7355.03</b>	4433-080 <b>8597.06</b>	1	0	110

### CPVC

<b>3/4</b>	4423-007C <b>735.31</b>	4433-007C <b>817.12</b>	1	12	109
<b>1</b>	4423-010C <b>847.90</b>	4433-010C <b>942.81</b>	1	4	109

### Industrial Swing Check Valves (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>CPVC</b>					
<b>1-1/4</b>	4423-012C <b>1060.66</b>	4433-012C <b>1177.96</b>	1	0	109
<b>1-1/2</b>	4423-015C <b>1094.29</b>	4433-015C <b>1487.23</b>	1	0	109
<b>2</b>	4423-020C <b>1411.12</b>	4433-020C <b>1567.90</b>	1	0	109
<b>2-1/2</b>	4423-025C <b>2338.50</b>	4433-025C <b>2775.04</b>	1	0	111
<b>3</b>	4423-030C <b>2921.12</b>	4433-030C <b>3143.09</b>	1	0	111
<b>4</b>	4423-040C <b>3351.87</b>	4433-040C <b>3952.95</b>	1	0	111
<b>6</b>	4423-060C <b>6859.63</b>	4433-060C <b>7512.69</b>	1	0	111
<b>8</b>	4423-080C <b>12239.94</b>	4433-080C <b>14313.41</b>	1	0	111

### PP

<b>3/4</b>	4423-007P <b>535.13</b>	4433-007P <b>594.57</b>	1	12	113
<b>1</b>	4423-010P <b>640.18</b>	4433-010P <b>697.72</b>	1	4	113
<b>1-1/4</b>	4423-012P <b>767.27</b>	4433-012P <b>852.44</b>	1	0	113
<b>1-1/2</b>	4423-015P <b>952.63</b>	4433-015P <b>1036.60</b>	1	0	113

Made in the U.S.A.

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 Progressive Products from Spears® Innovation and Technology



## Thermoplastic Valves Industrial Swing Check Valves

### Industrial Swing Check Valves (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>2</b>	4423-020P <b>1018.54</b>	4433-020P <b>1144.43</b>	1	0	113
<b>2-1/2</b>	4423-025P <b>1695.87</b>	4433-025P <b>1886.40</b>	1	0	112
<b>3</b>	4423-030P <b>1782.89</b>	4433-030P <b>2131.95</b>	1	0	112
<b>4</b>	4423-040P <b>2425.12</b>	4433-040P <b>2691.87</b>	1	0	112
<b>6</b>	4423-060P <b>4593.89</b>	4433-060P <b>5108.35</b>	1	0	112
<b>8</b>	4423-080P <b>8793.37</b>	4433-080P <b>9663.09</b>	1	0	112

### Swing Check Valve With Arrow Indicator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423I-007 <b>473.02</b>	4433I-007 <b>499.93</b>	1	12	108
<b>1</b>	4423I-010 <b>543.94</b>	4433I-010 <b>608.97</b>	1	4	108
<b>1-1/4</b>	4423I-012 <b>694.66</b>	4433I-012 <b>763.36</b>	1	0	108
<b>1-1/2</b>	4423I-015 <b>805.62</b>	4433I-015 <b>763.36</b>	1	0	108
<b>2</b>	4423I-020 <b>872.28</b>	4433I-020 <b>952.15</b>	1	0	108
<b>2-1/2</b>	4423I-025 <b>1425.05</b>	4433I-025 <b>1585.33</b>	1	0	110
<b>3</b>	4423I-030 <b>1659.60</b>	4433I-030 <b>1585.33</b>	1	0	110
<b>4</b>	4423I-040 <b>2028.00</b>	4433I-040 <b>2410.12</b>	1	0	110
<b>6</b>	4423I-060 <b>3846.64</b>	4433I-060 <b>4542.63</b>	1	0	110
<b>8</b>	4423I-080 <b>7471.94</b>	4433I-080 <b>8640.99</b>	1	0	110

### CPVC

<b>3/4</b>	4423I-007C <b>743.43</b>	4433I-007C <b>824.74</b>	1	12	109
<b>1</b>	4423I-010C <b>855.56</b>	4433I-010C <b>951.99</b>	1	4	109
<b>1-1/4</b>	4423I-012C <b>1055.53</b>	4433I-012C <b>1188.68</b>	1	0	109
<b>1-1/2</b>	4423I-015C <b>1214.04</b>	4433I-015C <b>1188.68</b>	1	0	109
<b>2</b>	4423I-020C <b>1422.15</b>	4433I-020C <b>1608.88</b>	1	0	109
<b>2-1/2</b>	4423I-025C <b>2346.45</b>	4433I-025C <b>2814.29</b>	1	0	111
<b>3</b>	4423I-030C <b>2518.23</b>	4433I-030C <b>2814.29</b>	1	0	111
<b>4</b>	4423I-040C <b>3374.18</b>	4433I-040C <b>3976.31</b>	1	0	111
<b>6</b>	4423I-060C <b>6961.49</b>	4433I-060C <b>7520.82</b>	1	0	111
<b>8</b>	4423I-080C <b>12253.09</b>	4433I-080C <b>14358.67</b>	1	0	111

### PP

<b>3/4</b>	4423I-007P <b>542.77</b>	4433I-007P <b>602.22</b>	1	12	113
<b>1</b>	4423I-010P <b>650.88</b>	4433I-010P <b>751.28</b>	1	4	113
<b>1-1/4</b>	4423I-012P <b>836.13</b>	4433I-012P <b>928.14</b>	1	0	113
<b>1-1/2</b>	4423I-015P <b>1074.85</b>	4433I-015P <b>928.14</b>	1	0	113
<b>2</b>	4423I-020P <b>1046.65</b>	4433I-020P <b>1186.88</b>	1	0	113
<b>2-1/2</b>	4423I-025P <b>1705.73</b>	4433I-025P <b>1911.57</b>	1	0	112
<b>3</b>	4423I-030P <b>2125.84</b>	4433I-030P <b>2218.84</b>	1	0	112

### Swing Check Valve With Arrow Indicator (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>4</b>	4423I-040P <b>2434.99</b>	4433I-040P <b>2701.78</b>	1	0	112
<b>6</b>	4423I-060P <b>4693.04</b>	4433I-060P <b>5151.40</b>	1	0	112
<b>8</b>	4423I-080P <b>8858.86</b>	4433I-080P <b>9760.76</b>	1	0	112

Contact Spears® for Pricing on Additional Specialty Valve Accessories

Available:

- Arrow Indicator Kits for Field Installation
- Counter Balance Kits for Field Installation

### Swing Check Valve With Counter Balance

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PVC</b>					
<b>3/4</b>	4423CB-007 <b>736.12</b>	4433CB-007 <b>787.82</b>	1	8	108
<b>1</b>	4423CB-010 <b>823.45</b>	4433CB-010 <b>882.04</b>	1	4	108
<b>1-1/4</b>	4423CB-012 <b>994.64</b>	4433CB-012 <b>1033.95</b>	1	0	108
<b>1-1/2</b>	4423CB-015 <b>1067.16</b>	4433CB-015 <b>1246.38</b>	1	0	108
<b>2</b>	4423CB-020 <b>1177.41</b>	4433CB-020 <b>1425.16</b>	1	0	108
<b>2-1/2</b>	4423CB-025 <b>1771.73</b>	4433CB-025 <b>2025.76</b>	1	0	110
<b>3</b>	4423CB-030 <b>1995.27</b>	4433CB-030 <b>2302.13</b>	1	0	110
<b>4</b>	4423CB-040 <b>2390.77</b>	4433CB-040 <b>2742.37</b>	1	0	110
<b>6</b>	4423CB-060 <b>4262.72</b>	4433CB-060 <b>4262.72</b>	1	0	110
<b>8</b>	4423CB-080 <b>8546.49</b>	4433CB-080 <b>9013.04</b>	1	0	110

### CPVC

<b>3/4</b>	4423CB-007C <b>1141.26</b>	4433CB-007C <b>1244.12</b>	1	12	109
<b>1</b>	4423CB-010C <b>1238.30</b>	4433CB-010C <b>1345.86</b>	1	4	109
<b>1-1/4</b>	4423CB-012C <b>1055.53</b>	4433CB-012C <b>1449.86</b>	1	0	109
<b>1-1/2</b>	4423CB-015C <b>1449.86</b>	4433CB-015C <b>1676.63</b>	1	0	109
<b>2</b>	4423CB-020C <b>1884.47</b>	4433CB-020C <b>2041.28</b>	1	0	109
<b>2-1/2</b>	4423CB-025C <b>2844.47</b>	4433CB-025C <b>3281.09</b>	1	0	111
<b>3</b>	4423CB-030C <b>3079.35</b>	4433CB-030C <b>4079.57</b>	1	0	111
<b>4</b>	4423CB-040C <b>3810.22</b>	4433CB-040C <b>4482.88</b>	1	0	111
<b>6</b>	4423CB-060C <b>7465.49</b>	4433CB-060C <b>8118.51</b>	1	0	111
<b>8</b>	4423CB-080C <b>12856.35</b>	4433CB-080C <b>14929.69</b>	1	0	111

### PP

<b>3/4</b>	4423CB-007P <b>684.96</b>	4433CB-007P <b>761.05</b>	1	12	113
<b>1</b>	4423CB-010P <b>819.40</b>	4433CB-010P <b>893.06</b>	1	4	113
<b>1-1/4</b>	4423CB-012P <b>836.13</b>	4433CB-012P <b>1286.64</b>	1	0	113
<b>1-1/2</b>	4423CB-015P <b>1181.87</b>	4433CB-015P <b>1586.97</b>	1	0	113
<b>2</b>	4423CB-020P <b>1273.18</b>	4433CB-020P <b>1430.53</b>	1	0	113
<b>2-1/2</b>	4423CB-025P <b>1965.59</b>	4433CB-025P <b>2414.59</b>	1	0	112
<b>3</b>	4423CB-030P <b>2391.55</b>	4433CB-030P <b>2992.20</b>	1	0	112
<b>4</b>	4423CB-040P <b>2738.68</b>	4433CB-040P <b>3008.65</b>	1	0	112

**Thermoplastic Valves**  
**Industrial Swing Check Valves & Industrial Swing Check Valve Accessory and Repair Kits**



**Industrial Swing Check Valves**

**Swing Check Valve With Counter Balance (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>PP</b>					
<b>6</b>	4423CB-060P <b>5095.38</b>	4433CB-060P <b>6538.68</b>	1	0	112
<b>8</b>	4423CB-080P <b>9302.09</b>	4433CB-080P <b>10171.82</b>	1	0	112

**Industrial Swing Check Valve Accessory and Repair Kits**

Repair Kits include:

- 1-Bonnet O-ring
- 1-Disc O-ring
- 1-Seat O-ring
- 1-Plug O-ring
- 1-Arm Plug O-ring

**Industrial Swing Check Valve Repair Kits**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>3/4</b>	SK-ERK-007 <b>24.98</b>	SK-VRK-007 <b>30.45</b>	1	10	299
<b>1</b>	SK-ERK-010 <b>32.62</b>	SK-VRK-010 <b>39.79</b>	1	10	299
<b>1-1/2 &amp; 1-1/4</b>	SK-ERK-015 <b>78.00</b>	SK-VRK-015 <b>98.65</b>	1	10	299
<b>2</b>	SK-ERK-020 <b>83.74</b>	SK-VRK-020 <b>102.11</b>	1	10	299
<b>2-1/2</b>	SK-ERK-025 <b>88.56</b>	SK-VRK-025 <b>113.34</b>	1	10	299
<b>3</b>	SK-ERK-030 <b>100.41</b>	SK-VRK-030 <b>122.52</b>	1	10	299
<b>4</b>	SK-ERK-040 <b>109.55</b>	SK-VRK-040 <b>133.59</b>	1	10	299
<b>6</b>	SK-ERK-060 <b>217.74</b>	SK-VRK-060 <b>257.04</b>	1	10	299
<b>8</b>	SK-ERK-080 <b>273.97</b>	SK-VRK-080 <b>332.38</b>	1	10	299



**Thermoplastic Valves**  
**Utility Swing Check Valves & True Union Utility Swing Check Valves**

**Utility Swing Check Valves**



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
 Maximum Service Temperature  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 EPDM Seat

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

**PVC White Swing Check**

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Disc Code
1/2	S1520-05 15.85	S1520-05F 15.85	S1520-05FSR 18.49	35	0	026
3/4	S1520-07 16.36	S1520-07F 16.36	S1520-07FSR 20.12	35	0	026
1	S1520-10 17.04	S1520-10F 17.04	S1520-10FSR 22.28	20	0	026
1-1/4	S1520-12 17.70	S1520-12F 17.70	S1520-12FSR 26.11	12	0	026
1-1/2	S1520-15 18.76	S1520-15F 18.76	S1520-15FSR 33.12	12	0	026
2	S1520-20 29.12	S1520-20F 29.12	S1520-20FSR 44.70	15	0	026
2-1/2	S1520-25 48.44	S1520-25F 48.44	S1520-25FSR 64.02	5	0	026
3	S1520-30 53.83	S1520-30F 53.83	S1520-30FSR 95.47	4	0	026
4	S1520-40 76.21	S1520-40F 76.21	S1520-40FSR 119.36	2	0	026
6	S1520-60 160.13	S1520-60F 160.13	S1520-60FSR 211.21	1	0	026
8	S1520-80 297.47	---	---	1	0	026

**PVC Clear Swing Check**

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Disc Code
1/2	S1520C05 21.55	S1520C05F 21.55	S1520C05FSR 24.18	35	0	026
3/4	S1520C07 21.97	S1520C07F 21.97	S1520C07FSR 25.76	35	0	026
1	S1520C10 22.39	S1520C10F 22.39	S1520C10FSR 27.64	20	0	026
1-1/4	S1520C12 23.51	S1520C12F 23.51	S1520C12FSR 31.89	12	0	026
1-1/2	S1520C15 25.55	S1520C15F 25.55	S1520C15FSR 39.93	12	0	026
2	S1520C20 36.78	S1520C20F 36.78	S1520C20FSR 52.36	15	0	026
2-1/2	S1520C25 61.31	S1520C25F 61.31	S1520C25FSR 85.47	5	0	026
3	S1520C30 68.13	S1520C30F 68.13	S1520C30FSR 109.76	4	0	026
4	S1520C40 91.71	S1520C40F 91.71	S1520C40FSR 134.83	2	0	026
6	S1520C60 189.55	S1520C60F 189.55	S1520C60FSR 240.64	1	0	026
8	S1520C80 316.63	---	---	1	0	026

**True Union Utility Swing Check Valves**



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
 Maximum Service Temperature  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 EPDM Seat

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

**PVC White True Union Swing Check**

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1720-05 18.02	S1720-05F 18.02	S1720-05FSR 20.64	35	0	026

**PVC White True Union Swing Check (continued)**

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
3/4	S1720-07 18.57	S1720-07F 18.57	S1720-07FSR 22.36	30	0	026

## Thermoplastic Valves True Union Utility Swing Check Valves & Compression Utility Swing Check Valves



### True Union Utility Swing Check Valves

#### PVC White True Union Swing Check (continued)

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
1	S1720-10 19.35	S1720-10F 19.35	S1720-10FSR 24.60	18	0	026
1-1/4	S1720-12 20.37	S1720-12F 20.37	S1720-12FSR 28.76	12	0	026
1-1/2	S1720-15 22.39	S1720-15F 22.39	S1720-15FSR 36.77	10	0	026
2	S1720-20 33.64	S1720-20F 33.64	S1720-20FSR 49.15	10	0	026
2-1/2	S1720-25 56.09	S1720-25F 56.09	S1720-25FSR 80.22	2	0	026
3	S1720-30 71.61	S1720-30F 71.61	S1720-30FSR 113.27	2	0	026
4	S1720-40 96.66	S1720-40F 96.66	S1720-40FSR 139.38	1	0	026

#### PVC Clear True Union Swing Check (continued)

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
3/4	S1720C07 23.73	S1720C07F 23.73	S1720C07FSR 27.51	30	0	026
1	S1720C10 25.93	S1720C10F 25.93	S1720C10FSR 31.16	18	0	026
1-1/4	S1720C12 27.31	S1720C12F 27.31	S1720C12FSR 35.69	12	0	026
1-1/2	S1720C15 29.29	S1720C15F 29.29	S1720C15FSR 43.66	10	0	026
2	S1720C20 41.20	S1720C20F 41.20	S1720C20FSR 56.79	10	0	026
2-1/2	S1720C25 67.66	S1720C25F 67.66	S1720C25FSR 91.81	2	0	026
3	S1720C30 77.87	S1720C30F 77.87	S1720C30FSR 119.51	2	0	026
4	S1720C40 103.83	S1720C40F 103.83	S1720C40FSR 146.91	1	0	026

#### PVC Clear True Union Swing Check

Size	Socket	Threaded	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1720C05 23.34	S1720C05F 23.34	S1720C05FSR 25.96	35	0	026

### Compression Utility Swing Check Valves



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
 Maximum Service Temperature  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply

- Standard Swing Check Assembly Maintains a Positive Seal
- Convenient Compression Ends for Quick Connections
- Engineered for Maximum Flow, Quick Response & Positive Shutoff
- Excellent for Pool & Spa, OEM and General Purpose Applications
- Compact, Space-Saving Design
- Replaceable PVC White or Clear Sealed Unit
- High Grade EPDM Seat
- Suitable for Horizontal or Vertical Up-flow Installations
- Pressure Rated to 150 psi @ 73°F Full Flow (open), 75 psi Back Pressure (closed)
- Maximum Service Temperature 140°F (temperature/pressure de-ratings apply)

**General Installation Information:** Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

#### PVC White Compression End Swing Check

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Compression End</b>					
S1500-05	1/2	20	0	026	21.06
S1500-07	3/4	35	0	026	22.16
S1500-10	1	20	0	026	23.09
S1500-12	1-1/4	12	0	026	27.12
S1500-15	1-1/2	12	0	026	30.26
S1500-20	2	10	0	026	47.73
S1500-25	2-1/2	5	0	026	79.71
S1500-30	3	4	0	026	103.48
S1500-40	4	2	0	026	158.97

#### PVC Clear Compression End Swing Check

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Compression End</b>					
S1500C05	1/2	35	0	026	23.16
S1500C07	3/4	20	0	026	24.93
S1500C10	1	20	0	026	25.44
S1500C12	1-1/4	12	0	026	28.56
S1500C15	1-1/2	12	0	026	32.19
S1500C20	2	10	0	026	48.05
S1500C25	2-1/2	5	0	026	80.60
S1500C30	3	4	0	026	117.72
S1500C40	4	2	0	026	162.20

#### Compression Coupling Nut Wrenches

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-005	1/2	1	50	299	11.33
CCW-007	3/4	1	50	299	11.53
CCW-010	1	1	50	299	12.02
CCW-012	1-1/4	1	50	299	13.60
CCW-015	1-1/2	1	50	299	14.67
CCW-020*	2	1	50	299	16.39
CCW-030**	3	1	25	299	20.16

\* CCW-20 - Wrench also fits 2-1/2" Coupling Body

\*\*CCW-30 - Wrench also fits 4" Coupling Body

#### Compression Coupling Nut Wrench Sets

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CCW-000	Set	1	50	299	94.70

Complete Set of Wrenches, Sizes 1/2" - 3"



## Thermoplastic Valves Utility Spring Check Valves

(Spring Assisted Swing Check)



**Pressure Rating @ 73°F (23°C), Water**  
**Full Flow (open) 150 psi**  
**Back Pressure (closed) 75 psi**  
**Maximum Service Temperature**  
**140°F (60°C)**  
**Temperature/Pressure De-ratings Apply**  
**EPDM Seat**  
**Stainless Steel Spring Assisted (non-adjustable)**

**General Installation Information:** Spring check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft/sec. Minimum opening pressure less than 0.5 psi.

### PVC White Spring Check (Spring Assisted Swing Check)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1580-05 31.20	S1580-05F 31.20	S1580-05FSR 33.84	20	0	026
3/4	S1580-07 35.31	S1580-07F 35.31	S1580-07FSR 39.07	20	0	026
1	S1580-10 36.78	S1580-10F 36.78	S1580-10FSR 42.01	20	0	026
1-1/4	S1580-12 38.30	S1580-12F 38.30	S1580-12FSR 46.71	12	0	026
1-1/2	S1580-15 40.77	S1580-15F 40.77	S1580-15FSR 55.12	12	0	026
2	S1580-20 42.74	S1580-20F 42.74	S1580-20FSR 58.32	15	0	026
2-1/2	S1580-25 75.86	S1580-25F 75.86	S1580-25FSR 100.02	4	0	026
3	S1580-30 79.12	S1580-30F 79.12	S1580-30FSR 120.76	4	0	026
4	S1580-40 112.28	S1580-40F 112.28	S1580-40FSR 155.43	2	0	026

### PVC Clear Spring Check (Spring Assisted Swing Check)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1580C05 32.15	S1580C05F 32.15	S1580C05FSR 34.82	20	0	026
3/4	S1580C07 36.39	S1580C07F 36.39	S1580C07FSR 40.19	20	0	026
1	S1580C10 37.94	S1580C10F 37.94	S1580C10FSR 43.16	20	0	026
1-1/4	S1580C12 39.50	S1580C12F 39.50	S1580C12FSR 47.89	12	0	026
1-1/2	S1580C15 41.85	S1580C15F 41.85	S1580C15FSR 56.23	12	0	026
2	S1580C20 43.43	S1580C20F 43.43	S1580C20FSR 59.00	15	0	026
2-1/2	S1580C25 78.21	S1580C25F 78.21	S1580C25FSR 102.33	5	0	026
3	S1580C30 81.44	S1580C30F 81.44	S1580C30FSR 162.04	4	0	026
4	S1580C40 115.71	S1580C40F 115.71	S1580C40FSR 158.85	2	0	026



# Thermoplastic Valves True Union Utility Spring Check Valves & Diaphragm Check Valves



## True Union Utility Spring Check Valves

(Spring Assisted Swing Check)



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
 Maximum Service Temperature  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply  
 EPDM Seat  
 Stainless Steel Spring Assisted (non-adjustable)

**General Installation Information:** Spring check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

### PVC White True Union Spring Check (Spring Assisted Swing Check)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1780-05 41.49	S1780-05F 41.49	S1780-05FSR 44.12	20	0	026
3/4	S1780-07 47.06	S1780-07F 47.06	S1780-07FSR 50.84	30	0	026
1	S1780-10 49.05	S1780-10F 49.05	S1780-10FSR 54.26	18	0	026
1-1/4	S1780-12 51.09	S1780-12F 51.09	S1780-12FSR 59.44	12	0	026
1-1/2	S1780-15 54.43	S1780-15F 54.43	S1780-15FSR 68.82	10	0	026
2	S1780-20 56.67	S1780-20F 56.67	S1780-20FSR 72.23	10	0	026
2-1/2	S1780-25 101.14	S1780-25F 101.14	S1780-25FSR 125.24	2	0	026
3	S1780-30 105.51	S1780-30F 105.51	S1780-30FSR 147.15	2	0	026
4	S1780-40 149.71	S1780-40F 149.71	S1780-40FSR 192.89	1	0	026

### PVC Clear True Union Spring Check (Spring Assisted Swing Check)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1780C05 42.80	S1780C05F 42.80	S1780C05FSR 45.43	20	0	026
3/4	S1780C07 48.54	S1780C07F 48.54	S1780C07FSR 52.32	30	0	026
1	S1780C10 50.56	S1780C10F 50.56	S1780C10FSR 55.82	18	0	026
1-1/4	S1780C12 52.64	S1780C12F 52.64	S1780C12FSR 61.00	12	0	026
1-1/2	S1780C15 55.82	S1780C15F 55.82	S1780C15FSR 70.50	10	0	026
2	S1780C20 57.45	S1780C20F 57.45	S1780C20FSR 73.94	10	0	026
2-1/2	S1780C25 104.27	S1780C25F 104.27	S1780C25FSR 128.43	2	0	026
3	S1780C30 108.76	S1780C30F 108.76	S1780C30FSR 150.39	2	0	026
4	S1780C40 154.36	S1780C40F 154.36	S1780C40FSR 197.53	1	0	026

## Diaphragm Check Valves



Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 100 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Santoprene™ TPE Seat

### PVC Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6562-007	3/4	15	0	004	84.64

### PVC Diaphragm Check Valves - Thread

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6561-007	3/4	15	0	004	84.64

### CPVC Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6562-007C	3/4	15	0	004	111.15

### CPVC Diaphragm Check Valves - Thread

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6561-007C	3/4	15	0	004	111.15

**General Installation Information:** Diaphragm Check Valves have "normally closed" operation with 1 - 1-1/2 psi opening pressure and can be mounted in any position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Flow velocity should not exceed 5 ft./sec.



**Thermoplastic Valves  
PVC In-line Adjustable Spring Check Valves**



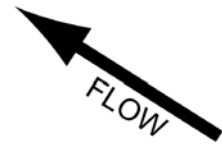
Fipt x Mipt



Mipt x Fipt



Fipt x Fipt



Pressure Rating @ 73°F (23°C), Water  
200 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

2 - 14 lbs. Adjustable Spring Tension  
(5 to 32 feet of head)  
Factory Preset to Approx. 5 psi  
(12 feet of head)  
Each full turn of adjustment nut = 1 psi  
(2.3 feet of head)  
Stainless Steel Adjustment Hardware  
EPDM Seat

**Standard Unit - Female Inlet x Male Outlet**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
-------------	------	--------	----------	-----------	------------

**Fipt x Mipt (Inlet x Outlet)**

S1102-05	1/2	30	180	026	10.40
S1102-07	3/4	25	150	026	10.64
S1102-10	1	25	150	026	17.66
S1102-05-07	1/2X3/4	25	150	026	15.18

**Male Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
-------------	------	--------	----------	-----------	------------

**Mipt x Fipt (Inlet x Outlet)**

S1101-05	1/2	30	180	026	10.40
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**Female Inlet x Female Outlet Option**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
-------------	------	--------	----------	-----------	------------

**Fipt x Fipt (Inlet x Outlet)**

S1100-07	3/4	25	150	026	10.99
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## Thermoplastic Valves Industrial PVC Backwater Valves



Backwater Valves are designed to prevent backflow in numerous applications where easy service access for maintenance and cleaning is needed. Excellent for use in sanitary or storm sewer drainage systems to prevent waste back up due to inadequate drainage, for balancing multi-level ponds, aquaculture features or storage tank systems, and many other applications. Spears® Backwater Valve has been engineered for improved function and easier service, especially in buried service with use of optional Service-Access Extension available either preassembled with valve or as an add-on kit.

- Replaceable internal flapper assembly with EPDM Seat.
- Service-Access Extension available either preassembled with valve, as an add-on kit, or as valve & extension kit components with user supplied pipe.
- Direct Connection to ASTM D 2665 PVC DWV or other IPS size pipe. Spears® fabricated IPS x Sewer Adapters or DWV x Sewer & Drain Adapter Bushings are available for connection to ASTM D 3034 & ASTM D 2729 Sewer pipe.
- Pressure Rated to 43 psi (100 feet of head) @ 73°F (23°C).
- All extension kits can be cut shorter for custom application.
- Conforms to ASME/ANSI A112.14.1 for Backwater Valves.

### PVC Backwater Valves



### PVC Backwater Valves Soc x Soc - Valve Only

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P	2	1	12	055	56.10
S375P	3	2	0	055	56.21
S475P	4	1	0	055	62.27
S675P	6	1	0	055	265.30

### PVC Backwater Valves with Extension Kit to Premade Length



### PVC Backwater Valves with Extension Kit to Premade Length Soc x Soc - Assembled with Extension

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-120 <sup>1</sup>	2X12HT	1	0	055	169.21
S275P-160 <sup>1</sup>	2X16HT	1	0	055	182.01
S275P-200 <sup>1</sup>	2X20HT	1	0	055	194.80
S275P-240 <sup>1</sup>	2X24HT	1	0	055	207.60
S275P-360 <sup>1</sup>	2X36HT	1	0	055	218.04
S275P-480 <sup>1</sup>	2X48HT	1	0	055	239.64
S375P-120 <sup>1</sup>	3X12HT	1	0	055	169.21
S375P-160 <sup>1</sup>	3X16HT	1	0	055	182.01
S375P-200 <sup>1</sup>	3X20HT	1	0	055	194.80
S375P-240 <sup>1</sup>	3X24HT	1	0	055	207.60
S375P-360 <sup>1</sup>	3X36HT	1	0	055	218.04
S375P-480 <sup>1</sup>	3X48HT	1	0	055	239.64
S475P-120 <sup>1</sup>	4X12HT	1	0	055	219.79

### PVC Backwater Valves with Extension Kit to Premade Length Soc x Soc - Assembled with Extension (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S475P-160 <sup>1</sup>	4X16HT	1	0	055	237.11
S475P-200 <sup>1</sup>	4X20HT	1	0	055	252.89
S475P-240 <sup>1</sup>	4X24HT	1	0	055	269.66
S475P-360 <sup>1</sup>	4X36HT	1	0	055	283.20
S475P-480 <sup>1</sup>	4X48HT	1	0	055	311.22
S675P-120 <sup>1</sup>	6X12HT	1	0	055	461.53
S675P-160 <sup>1</sup>	6X16HT	1	0	055	497.93
S675P-200 <sup>1</sup>	6X20HT	1	0	055	531.07
S675P-240 <sup>1</sup>	6X24HT	1	0	055	566.35
S675P-360 <sup>1</sup>	6X36HT	1	0	055	594.74
S675P-480 <sup>1</sup>	6X48HT	1	0	055	653.55

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

### PVC Service-Access Extension Kit Only to Premade Length



**PVC Service-Access Extension Kit:** includes factory assembled internal flap assembly, assembly extension pipe, and external extension housing with top access adapter. Requires solvent cement assembly to existing valve and uses existing threaded Access Plug. Standard Extensions are available in convenient increments of 12", 16", 20", 24", 36", and 48" (measured from top of valve to top of extension). Contact Spears® for pricing on custom cut lengths. All extension kits can be cut shorter in the field for custom fits prior to cementing access adapter in place.

### PVC Service-Access Extension Kit Only to Premade Length

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SAEK-020-120 <sup>1</sup>	2X12HT	1	0	055	52.77
SAEK-020-160 <sup>1</sup>	2X16HT	1	0	055	54.28
SAEK-020-200 <sup>1</sup>	2X20HT	1	0	055	55.72
SAEK-020-240 <sup>1</sup>	2X24HT	1	0	055	58.39
SAEK-020-360 <sup>1</sup>	2X36HT	1	0	055	61.15
SAEK-020-480 <sup>1</sup>	2X48HT	1	0	055	64.14
SAEK-030-120 <sup>1</sup>	3X12HT	1	0	055	57.23
SAEK-030-160 <sup>1</sup>	3X16HT	1	0	055	64.60
SAEK-030-200 <sup>1</sup>	3X20HT	1	0	055	68.44
SAEK-030-240 <sup>1</sup>	3X24HT	1	0	055	77.13
SAEK-030-360 <sup>1</sup>	3X36HT	1	0	055	91.24
SAEK-030-480 <sup>1</sup>	3X48HT	1	0	055	107.91
SAEK-040-120 <sup>1</sup>	4X12HT	1	0	055	85.34
SAEK-040-160 <sup>1</sup>	4X16HT	1	0	055	96.21
SAEK-040-200 <sup>1</sup>	4X20HT	1	0	055	118.67
SAEK-040-240 <sup>1</sup>	4X24HT	1	0	055	129.95

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## Thermoplastic Valves Industrial PVC Backwater Valves

### PVC Service-Access Extension Kit Only to Premade Length (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SAEK-040-360 <sup>1</sup>	<b>4X36HT</b>	1	0	055	163.46
SAEK-040-480 <sup>1</sup>	<b>4X48HT</b>	1	0	055	188.71
SAEK-060-120 <sup>1</sup>	<b>6X12HT</b>	1	0	055	152.89
SAEK-060-160 <sup>1</sup>	<b>6X16HT</b>	1	0	055	173.77
SAEK-060-200 <sup>1</sup>	<b>6X20HT</b>	1	0	055	197.04
SAEK-060-240 <sup>1</sup>	<b>6X24HT</b>	1	0	055	226.07
SAEK-060-360 <sup>1</sup>	<b>6X36HT</b>	1	0	055	280.62
SAEK-060-480 <sup>1</sup>	<b>6X48HT</b>	1	0	055	348.34

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

### PVC Backwater Valve with Extension Components



### PVC Backwater Valve with Extension Components Soc x Soc - Components Must be assembled with user supplied pipe (see Table 1)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-AK	<b>2</b>	1	8	055	82.65
S375P-AK	<b>3</b>	1	0	055	82.65
S475P-AK	<b>4</b>	1	0	055	96.68
S675P-AK	<b>6</b>	1	0	055	342.36

### PVC Backwater Valve Extension Components Only



### PVC Backwater Valve Extension Components Only Must be assembled with user supplied pipe (see Table 1)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-ECK	<b>2</b>	1	8	055	44.01
S375P-ECK	<b>3</b>	1	0	055	44.01
S475P-ECK	<b>4</b>	1	0	055	57.35
S675P-ECK	<b>6</b>	1	0	055	120.49

Table 1: User Supplied Pipe Requirements  
For Use With Extension Components

Valve Size	Riser Pipe Type Options	Sleeve Pipe Type Options
2"	4" Class 125 PVC 4" Sch 40 PVC	2" Class 125 PVC 2" Sch 40 PVC
3"	5" Class 125 PVC 5" Sch 40 PVC 6" D3034 (SDR 35) PVC Sewer Pipe	4" Class 125 PVC 4" Sch 40 PVC
4"	8" Class 125 PVC 8" Sch 40 PVC	5" Class 125 PVC 5" Sch 40 PVC 6" D3034 (SDR 35) PVC Sewer Pipe
6"	10" Class 125 PVC 10" Sch 40 PVC	8" Class 125 PVC 8" Sch 40 PVC

Note: Sch 80 PVC pipe may also be used, except for 3" Riser or 2" Sleeve. ABS pipe may also be used. However, special cement for joining ABS to PVC must be used.

### Industrial Backwater Valve Flapper Repair Kit



### Industrial Backwater Valve Flapper Repair Kit

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Complete Flapper Assembly replacement					
S275P-FRK	<b>2</b>	1	10	055	32.76
S375P-FRK	<b>3</b>	1	10	055	41.31
S475P-FRK	<b>4</b>	1	10	055	48.11
S675P-FRK	<b>6</b>	1	5	055	85.67

### PVC Backwater Valve Metric Adapters



### PVC Backwater Valve Metric Adapters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Metric Socket x ASTM Spigot					
S275MA-063	<b>63mm X2</b>	50	0	055	14.52
S375MA-090	<b>90mm X3</b>	25	0	055	15.60
S475MA-110	<b>110mm X4</b>	10	0	055	18.48
S675MA-160	<b>160mm X6</b>	4	0	055	42.65

**Thermoplastic Valves  
Industrial PVC Backwater Valves**



**PVC Backwater Valve Metric Adapters (continued)**

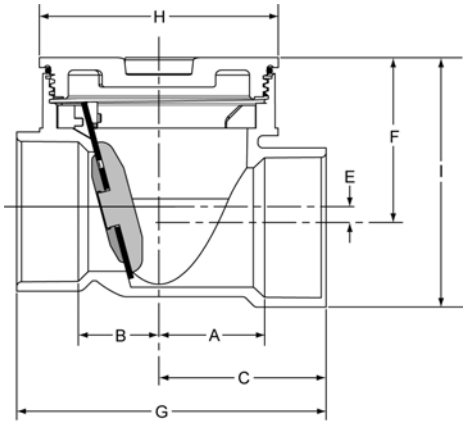
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Metric Socket x ASTM Spigot</b>					
S475MA-110	<b>110mm X4</b>	10	0	055	18.48
S675MA-160	<b>160mm X6</b>	4	0	055	42.65



Thermoplastic Valves  
Industrial PVC Backwater Valves

Technical Information

STANDARD VALVE



Standard Valve Dimensions (Inches)

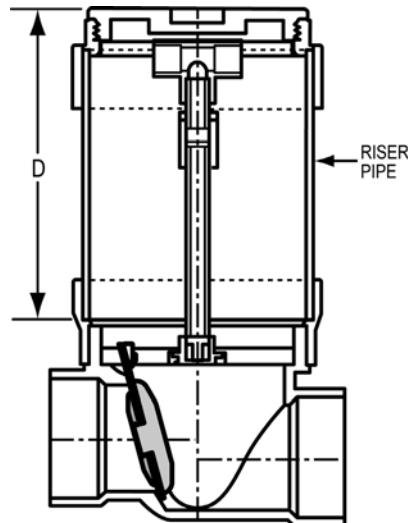
Size	A	B	C	E	F	G	H	I
2	1-13/16	1-3/4	2-5/8	5/16	3-1/4	5-9/32	4-3/16	4-9/16
3	2-5/8	2	4-3/16	13/32	4-1/8	7-3/4	6	6-1/8
4	3-5/8	3-3/4	5-7/16	23/32	5-7/16	10-15/16	8-1/4	7-15/16
6	4-3/4	4-5/8	7-3/4	13/16	7-3/16	15-3/8	11-1/4	10-13/16

Valve with Extension Kit Dimensions (Inches)

HEIGHT-D
12
16
20
24
36
48

D = Top of plug Standard Valve to top of plug with Extension

VALVE WITH EXTENSION KIT





# Thermoplastic Valves Sump Pump Swing Check Valve & Quiet Check Valve

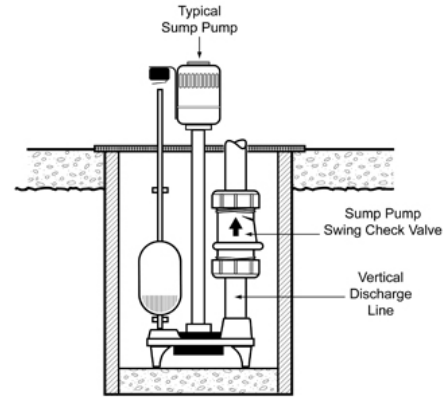


## Sump Pump Swing Check Valve



- Specifically Designed for Use on Sump Pump Discharge Lines (See Illustration)
- Includes Compression End Connectors with Buna-N Gaskets for Use on Either 1-1/4" or 1-1/2" Pipe
- All Plastic Construction with Elastomer Seals - No Metal Parts
- Angled Seat and Weighted Flapper for Low-Pressure Seal
- Suitable for Vertical Up-flow or Horizontal Installations

**Pressure Rating @ 73°F (23°C), Water**  
**Full Flow (open)** 150 psi  
**Back Pressure (closed)** 75 psi  
**Maximum Service Temperature**  
 140°F (60°C)  
**Temperature/Pressure De-ratings Apply**



**General Installation Information:** Sump Pump Swing Check Valves may be installed in either vertical up-flow (see illustration) or horizontal positions on pump discharge line. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of the flow. In horizontal installations, the designated side must be positioned "up." Do Not install Check Valve upside down.

### PVC Sump Pump Swing Check Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Compression Ends

Buna-N Gaskets included for both 1-1/4" & 1-1/2" pipe

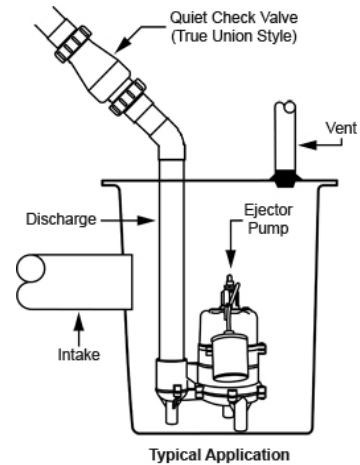
S1400-15	<b>1-1/2 &amp; 1-1/4</b>	16	0	026	17.86
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## Quiet Check Valve



- Designed to Provide Quiet Operation in Sump Pump or Sewage Ejector Pump Systems.
- Spring Controlled Rate of Closing Prevents Slamming and Eliminates Noise.
- Includes Both True Union Sockets for Easy Servicing and Direct Socket Connection for Installation in Confined Space.
- 2" Size for Sewage Ejector Systems, 1-1/2" Size for Sump Pump Effluent Systems.

**Pressure Rating @ 73°F (23°C), Water**  
**Full Flow (open)** 150 psi  
**Back Pressure (closed)** 75 psi  
**Maximum Service Temperature** 140°F (60°C)  
**Temperature/Pressure De-ratings Apply**



**General Installation Information:** Install check valve 12"-18" above pump discharge, or as recommended by pump system manufacturer. Be sure check valve installation complies with local codes. Valve may be installed in either vertical up-flow or horizontal positions on pump discharge line. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of the flow. In horizontal installations, the designated side must be positioned "up."

### PVC Quiet Check Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Soc x Soc

True Union or Direct Socket End Connection

8622-015	<b>1-1/2</b>	12	0	026	40.00
8622-020	<b>2</b>	10	0	026	57.18

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## Thermoplastic Valves Swing Check Ball Valve



- One-piece Combination for Applications Requiring In-line Ball Valve and Check Valves
- Compact, Space-Saving Design
- True Union Design Allows Easy Service and Cleaning
- High Grade EPDM Seals
- Replaceable PTFE HDPE Ball Valve Seats
- Safety-Blocked™ Seal Carrier on Ball Valve
- Replaceable Sealed Check Valve Cartridge
- Suitable for Horizontal or Vertical Up-flow Installations
- Socket End Connections

**General Installation Information:** Swing Check Ball Valves are designed for horizontal installations, but may be installed in up-flow only vertical position. The Check Valve portion MUST be installed with the valve's FLOW arrow pointing in the direction of flow and with the designated side up in horizontal installations. Do Not install Check Valve upside down. The Ball Valve portion may be rotated and installed in any position. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure is less than 0.5 psi.

**Pressure Rating @ 73°F (23°C), Water**  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi  
**Maximum Service Temperature**  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply

### PVC Swing Check Ball Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Soc x Soc</b>					
7622-015	1-1/2	10	0	026	40.44
7622-020	2	6	0	026	58.04

## Thermoplastic Valves Gate Valves



1/2" - 2" Socket/Threaded Style



2-1/2" - 3" Socket Style



4" Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 200 psi  
 2-1/2" - 3" 150 psi  
 4" 235 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply

PP Gate-Wedge on PVC Valves  
 CPVC Gate-Wedge on CPVC Valve  
 All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricant

See Gate Valve Accessories & Repair Kits  
 Section for Additional Options and Features

### PVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2011-005 22.98	2021-005 25.22	2031-005 27.78	12	0	200
3/4	2011-007 28.10	2021-007 30.93	2031-007 32.56	12	0	200
1	2011-010 33.31	2021-010 36.68	2031-010 40.38	12	0	200
1-1/4	2011-012 46.06	2021-012 50.68	2031-012 55.72	6	0	200
1-1/2	2011-015 58.77	2021-015 65.29	2031-015 71.10	6	0	200
2	2011-020 75.48	2021-020 83.10	2031-020 91.35	6	0	200
2-1/2	2011-025 417.31	2021-025 459.03	2031-025 504.95	1	0	201

### SR Threaded Ends

3	2011-030SR 417.31	2021-030SR 459.03	2031-030SR 504.95	1	0	201
4	2011-040SR 818.94	2021-040SR 909.94	2031-040SR 1000.90	1	0	201

### Socket Ends

1/2	2012-005 22.98	2022-005 25.22	2032-005 27.78	12	0	200
3/4	2012-007 28.10	2022-007 30.93	2032-007 32.56	12	0	200
1	2012-010 33.31	2022-010 36.68	2032-010 40.38	12	0	200
1-1/4	2012-012 46.06	2022-012 50.68	2032-012 55.72	6	0	200
1-1/2	2012-015 58.77	2022-015 65.29	2032-015 71.10	6	0	200
2	2012-020 75.48	2022-020 83.10	2032-020 91.35	6	0	200
2-1/2	2012-025 417.31	2022-025 459.03	2032-025 504.95	1	0	201
3	2012-030 417.31	2022-030 459.03	2032-030 504.95	1	0	201
4	2012-040 818.94	2022-040 909.94	2032-040 1000.90	1	0	201

### Flanged Ends

1/2	2013-005 111.27	2023-005 126.18	2033-005 144.62	4	0	200
3/4	2013-007 125.20	2023-007 141.68	2033-007 161.65	4	0	200
1	2013-010 137.48	2023-010 155.31	2033-010 178.37	4	0	200
1-1/4	2013-012 154.86	2023-012 177.79	2033-012 211.00	3	0	200
1-1/2	2013-015 180.76	2023-015 206.33	2033-015 242.40	3	0	200

### PVC (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>						
2	2013-020 232.66	2023-020 244.45	2033-020 261.70	2	0	200
2-1/2	2013-025 521.62	2023-025 698.41	2033-025 768.24	1	0	201
3	2013-030 521.62	2023-030 698.41	2033-030 768.24	1	0	201
4	2013-040 1026.74	2023-040 1140.88	2033-040 1254.97	1	0	201

### CPVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Threaded Ends</b>						
1/2	2011-005C 67.26	2021-005C 74.70	2031-005C 82.21	12	0	202
3/4	2011-007C 72.73	2021-007C 80.79	2031-007C 88.88	12	0	202
1	2011-010C 79.72	2021-010C 88.59	2031-010C 97.41	12	0	202
1-1/4	2011-012C 140.02	2021-012C 155.60	2031-012C 171.16	6	0	202
1-1/2	2011-015C 153.05	2021-015C 170.53	2031-015C 187.60	6	0	202
2	2011-020C 177.07	2021-020C 196.71	2031-020C 216.38	6	0	202
2-1/2	2011-025C 659.34	2021-025C 711.49	2031-025C 772.59	1	0	203

### SR Threaded Ends

3	2011-030CSR 885.28	2021-030CSR 983.37	2031-030CSR 1092.65	1	0	203
4	2011-040CSR 1593.47	2021-040CSR 1770.50	2031-040CSR 1967.22	1	0	203

### Socket Ends

1/2	2012-005C 67.26	2022-005C 74.70	2032-005C 82.21	12	0	202
3/4	2012-007C 72.73	2022-007C 80.79	2032-007C 88.88	12	0	202
1	2012-010C 79.72	2022-010C 88.59	2032-010C 97.41	12	0	202
1-1/4	2012-012C 140.02	2022-012C 155.60	2032-012C 171.16	6	0	202
1-1/2	2012-015C 153.05	2022-015C 170.53	2032-015C 187.60	6	0	202
2	2012-020C 177.07	2022-020C 196.71	2032-020C 216.38	6	0	202
2-1/2	2012-025C 659.34	2022-025C 711.49	2032-025C 772.59	1	0	203
3	2012-030C 885.28	2022-030C 983.37	2032-030C 1092.65	1	0	203
4	2012-040C 1593.47	2022-040C 1770.50	2032-040C 1967.22	1	0	203

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## Thermoplastic Valves Gate Valves & Plug Gate Valves

### Gate Valves

#### CPVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>						
1/2	2013-005C 301.37	2023-005C 334.81	2033-005C 368.26	4	0	202
3/4	2013-007C 325.82	2023-007C 361.98	2033-007C 398.19	4	0	202
1	2013-010C 357.07	2023-010C 396.82	2033-010C 436.49	4	0	202
1-1/4	2013-012C 482.93	2023-012C 536.82	2033-012C 590.50	3	0	202
1-1/2	2013-015C 527.48	2023-015C 588.37	2033-015C 647.13	3	0	202

#### CPVC (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Flanged Ends</b>						
2	2013-020C 610.82	2023-020C 678.67	2033-020C 746.56	2	0	202
2-1/2	2013-025C 798.07	2023-025C 1054.63	2033-025C 1183.10	1	0	203
3	2013-030C 1106.57	2023-030C 1229.53	2033-030C 1366.16	1	0	203
4	2013-040C 1991.84	2023-040C 2213.15	2033-040C 2459.07	1	0	203

### Plug Gate Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Plug-Style PE Wedge on All Valves  
 Rated for Vacuum Service  
 All Valves Assembled with Silicone-Free,  
 Water Soluble Lubricants

#### PVC Socket Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5212-005 22.98	5222-005 25.22	5232-005 27.78	12	0	200
3/4	5212-007 28.10	5222-007 30.93	5232-007 32.56	12	0	200
1	5212-010 33.31	5222-010 36.68	5232-010 40.38	12	0	200
1-1/4	5212-012 46.06	5222-012 50.68	5232-012 55.72	6	0	200
1-1/2	5212-015 58.77	5222-015 65.29	5232-015 71.10	6	0	200
2	5212-020 75.48	5222-020 83.10	5232-020 91.35	6	0	200

#### PVC Flanged Ends (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1	5213-010 137.48	5223-010 155.31	5233-010 178.37	4	0	200
1-1/4	5213-012 154.86	5223-012 177.79	5233-012 211.00	3	0	200
1-1/2	5213-015 180.76	5223-015 206.33	5233-015 242.40	3	0	200
2	5213-020 232.66	5223-020 244.45	5233-020 261.70	2	0	200
6	---	5223-060 2183.90	5233-060 2845.45	1	0	201
8	---	5223-080 2592.98	5233-080 3039.79	1	0	201

#### PVC SR Threaded Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5211-005SR 25.57	5221-005SR 27.84	5231-005SR 30.35	12	0	200
3/4	5211-007SR 31.85	5221-007SR 34.68	5231-007SR 36.31	12	0	200
1	5211-010SR 38.48	5221-010SR 41.86	5231-010SR 45.54	12	0	200
1-1/4	5211-012SR 54.36	5221-012SR 58.98	5231-012SR 64.03	6	0	200
1-1/2	5211-015SR 72.99	5221-015SR 79.51	5231-015SR 85.29	6	0	200
2	5211-020SR 90.88	5221-020SR 98.47	5231-020SR 106.77	6	0	200

#### CPVC Socket Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5212-005C 67.26	5222-005C 74.70	5232-005C 82.21	12	0	202
3/4	5212-007C 72.73	5222-007C 80.79	5232-007C 88.88	12	0	202
1	5212-010C 79.72	5222-010C 88.59	5232-010C 97.41	12	0	202
1-1/4	5212-012C 140.02	5222-012C 155.60	5232-012C 171.16	6	0	202
1-1/2	5212-015C 153.05	5222-015C 170.53	5232-015C 187.60	6	0	202
2	5212-020C 177.07	5222-020C 196.71	5232-020C 216.38	6	0	202

#### PVC Flanged Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5213-005 111.27	5223-005 126.18	5233-005 144.62	4	0	200
3/4	5213-007 125.20	5223-007 141.68	5233-007 161.65	4	0	200

#### CPVC SR Threaded Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5211-005CSR 69.86	5221-005CSR 77.31	5231-005CSR 84.81	12	0	202
3/4	5211-007CSR 76.47	5221-007CSR 84.53	5231-007CSR 92.65	12	0	202

# Thermoplastic Valves Plug Gate Valves & Gate Valve Accessories & Repair Kits



## Plug Gate Valves

### CPVC SR Threaded Ends (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1	5211-010CSR 84.90	5221-010CSR 93.74	5231-010CSR 102.61	12	0	202
1-1/4	5211-012CSR 148.30	5221-012CSR 163.88	5231-012CSR 179.47	6	0	202
1-1/2	5211-015CSR 161.36	5221-015CSR 178.80	5231-015CSR 195.87	6	0	202
2	5211-020CSR 192.50	5221-020CSR 212.13	5231-020CSR 231.80	6	0	202

### CPVC Flanged Ends (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1	5213-010C 357.07	5223-010C 396.82	5233-010C 436.49	4	0	202
1-1/4	5213-012C 482.93	5223-012C 536.82	5233-012C 589.89	3	0	202
1-1/2	5213-015C 527.48	5223-015C 588.37	5233-015C 647.13	3	0	202
2	5213-020C 610.82	5223-020C 678.67	5233-020C 746.56	2	0	202
6	---	5223-060C 2839.04	5233-060C 3699.15	1	0	203
8	---	5223-080C 3015.28	5233-080C 3897.16	1	0	203

### CPVC Flanged Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	5213-005C 301.37	5223-005C 334.81	5233-005C 368.26	4	0	202
3/4	5213-007C 325.82	5223-007C 361.98	5233-007C 398.19	4	0	202

## Gate Valve Accessories & Repair Kits



Operator Nut

### 2" Operator Nuts

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GTN-005 <sup>1</sup>	1/2, 3/4 & 1	10	60	299	40.99
GTN-012 <sup>2</sup>	1-1/4, 1-1/2 & 2	10	60	299	61.47
PGTN-012 <sup>3</sup>	1-1/4, 1-1/2 & 2	10	60	299	61.47
GTN-030	3	10	80	299	102.47
GTN-040	4	10	60	299	102.47

- 1 - GTN-005 fits Standard & Plug Style Gate Valves
- 2 - GTN-012 fits Standard Gate Valves Only
- 3 - PGTN-012 fits Plug Style Gate Valves Only

### Regular Gate Valve O-ring Repair Kits

- 1/2" - 2" Kit includes:

  - 1-Stem O-ring
  - 1-Bonnet O-Ring
  - 1-Stem Bushing
  - 1-Stem Washer

- 2-1/2" - 3" Kit includes:

  - 1-Stem O-ring
  - 1-Seal Carrier O-ring
  - 1-Stem Bushing
  - 1-Stem Washer

- 4" Kit includes:

  - 1-Stem O-ring
  - 1-Bonnet O-ring
  - 1-Stem Bushing

### Regular Gate Valve O-ring Repair Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	GT-BRK-005 6.35	GT-ERK-005 7.37	GT-VRK-005 12.61	1	10	299

### Regular Gate Valve O-ring Repair Kits (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
3/4	GT-BRK-007 6.35	GT-ERK-007 7.37	GT-VRK-007 12.61	1	10	299
1	GT-BRK-010 6.60	GT-ERK-010 8.56	GT-VRK-010 13.90	1	10	299
1-1/4 & 1-1/2	GT-BRK-015 7.84	GT-ERK-015 12.31	GT-VRK-015 23.23	1	10	299
2	GT-BRK-020 8.46	GT-ERK-020 12.87	GT-VRK-020 23.93	1	10	299
2-1/2 & 3	GT-BRK-030 9.72	GT-ERK-030 13.94	GT-VRK-030 26.13	1	10	299
4	GT-BRK-040 10.26	GT-ERK-040 14.85	GT-VRK-040 30.73	1	10	299

### Plug Gate Valve O-ring Repair Kits

- 1/2" - 2" Kit includes:

  - 1-Stem O-ring
  - 1-Bonnet O-Ring

### Plug Gate Valve O-ring Repair Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2, 3/4 & 1	PGT-BRK-010 3.18	PGT-ERK-010 3.43	PGT-VRK-010 6.50	1	10	299
1-1/4, 1-1/2 & 2	PGT-BRK-020 3.88	PGT-ERK-020 4.53	PGT-VRK-020 7.65	1	10	299

### PVC Plug Gate Valve Internal Replacement Cartridge

Internal Replacement Cartridge includes complete, fully assembled Handle/Nut, Stem/O-ring, Bonnet/O-ring Gate for direct insertion into existing valve Body.

### PVC Plug Gate Valve Internal Replacement Cartridge

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2, 3/4 & 1	5210-010 20.17	5220-010 22.18	5230-010 24.37	1	10	299
1-1/4, 1-1/2 & 2	5210-020 40.48	5220-020 44.51	5230-020 48.97	1	4	299
6	---	5220-060 1390.03	5230-060 1810.60	1	0	299



Thermoplastic Valves  
Gate Valve Accessories & Repair Kits

**CPVC Plug Gate Valve Internal Replacement Cartridge**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2, 3/4 & 1	5210-010C 59.07	5220-010C 65.63	5230-010C 72.21	1	10	299
1-1/4, 1-1/2 & 2	5210-020C 122.99	5220-020C 136.65	5230-020C 150.34	1	4	299
6	---	5220-060C 1806.52	5230-060C 2353.82	1	0	299



Thermoplastic Valves  
PVC Pool Butterfly Valves & Butterfly Valves



PVC Pool Butterfly Valves



Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
Temperature/Pressure De-ratings Apply

See Butterfly Valve Accessories & Repair Kits Section for Additional Options and Features

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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PVC White Butterfly Valve Lever Handle EPDM Seats



682311-015	1-1/2	1	0	260	155.50
682311-020	2	1	0	260	160.91
682311-025	2-1/2	1	0	260	166.32
682311-030	3	1	0	260	175.77
682311-040	4	1	0	260	196.05
682311-060	6	1	0	260	290.71
682311-080	8	1	0	260	513.81

PVC White Butterfly Valve Gear Operated EPDM Seats



682321-015	1-1/2	1	0	261	519.21
682321-020	2	1	0	261	566.54
682321-025	2-1/2	1	0	261	607.11
682321-030	3	1	0	261	612.52
682321-040	4	1	0	261	642.26
682321-060	6	1	0	261	688.23
682321-080	8	1	0	261	950.78
682321-100	10	1	0	261	1141.20
682321-120	12	1	0	261	1385.94

Butterfly Valves



Lever Handle Style

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits Section for Additional Options and Features



Gear Operator Style

PVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311-015 266.60	722311-015 266.60	723311-015 556.62	1	0	250
2	721311-020 277.20	722311-020 277.20	723311-020 573.66	1	0	250
2-1/2	721311-025 294.29	722311-025 294.29	723311-025 582.20	1	0	250
3	721311-030 298.57	722311-030 298.57	723311-030 592.87	1	0	250
4	721311-040 345.51	722311-040 345.51	723311-040 742.16	1	0	250
6	721311-060 511.84	722311-060 511.84	723311-060 1185.74	1	0	250
8	721311-080 870.11	722311-080 870.11	723311-080 2008.94	1	0	250

PVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Gear Operator</b>						
1-1/2	721321-015 774.13	722321-015 774.13	723321-015 983.15	1	0	250
2	721321-020 784.83	722321-020 784.83	723321-020 1002.35	1	0	250
2-1/2	721321-025 795.45	722321-025 795.45	723321-025 1040.71	1	0	250
3	721321-030 808.28	722321-030 808.28	723321-030 1100.46	1	0	250
4	721321-040 848.79	722321-040 848.79	723321-040 1245.46	1	0	250
6	721321-060 1019.43	722321-060 1019.43	723321-060 1693.31	1	0	250
8	721321-080 1377.67	722321-080 1377.67	723321-080 2516.52	1	0	250

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## Thermoplastic Valves Butterfly Valves & Lug Insert Butterfly Valves

### Butterfly Valves

#### PVC (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Gear Operator</b>						
10	721321-100 1863.89	722321-100 1863.89	723321-100 4111.68	1	0	250
12	721321-120 2567.68	722321-120 2567.68	723321-120 5907.41	1	0	250

#### Valve Only

1-1/2	721301-015 232.47	722301-015 232.47	723301-015 486.22	1	0	250
2	721301-020 258.03	722301-020 258.03	723301-020 509.70	1	0	250
2-1/2	721301-025 266.60	722301-025 266.60	723301-025 526.74	1	0	250
3	721301-030 272.99	722301-030 272.99	723301-030 537.41	1	0	250
4	721301-040 315.63	722301-040 315.63	723301-040 673.90	1	0	250
6	721301-060 477.69	722301-060 477.69	723301-060 1091.91	1	0	250
8	721301-080 827.48	722301-080 827.48	723301-080 1842.59	1	0	250
10	721301-100 1659.17	722301-100 1659.17	723301-100 3689.44	1	0	250
12	721301-120 2141.16	722301-120 2141.16	723301-120 5267.59	1	0	250

#### CPVC

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311-015C 356.16	722311-015C 356.16	723311-015C 720.84	1	0	252
2	721311-020C 379.60	722311-020C 379.60	723311-020C 744.30	1	0	252
2-1/2	721311-025C 403.09	722311-025C 403.09	723311-025C 808.28	1	0	252
3	721311-030C 439.33	722311-030C 439.33	723311-030C 865.84	1	0	252
4	721311-040C 507.59	722311-040C 507.59	723311-040C 1083.37	1	0	252
6	721311-060C 750.70	722311-060C 750.70	723311-060C 1731.73	1	0	252
8	721311-080C 1275.31	722311-080C 1275.31	723311-080C 2930.26	1	0	252

#### Gear Operator

1-1/2	721321-015C 885.63	722321-015C 885.63	723321-015C 1209.41	1	0	252
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#### CPVC (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Gear Operator</b>						
2	721321-020C 915.46	722321-020C 915.46	723321-020C 1246.83	1	0	252
2-1/2	721321-025C 929.86	722321-025C 929.86	723321-025C 1310.23	1	0	252
3	721321-030C 942.62	722321-030C 942.62	723321-030C 1369.16	1	0	252
4	721321-040C 1010.87	722321-040C 1010.87	723321-040C 1586.69	1	0	252
6	721321-060C 1258.26	722321-060C 1258.26	723321-060C 2235.01	1	0	252
8	721321-080C 1778.60	722321-080C 1778.60	723321-080C 3433.56	1	0	252
10	721321-100C 2490.91	722321-100C 2490.91	723321-100C 6363.76	1	0	252
12	721321-120C 3518.83	722321-120C 3518.83	723321-120C 8272.46	1	0	252

#### Valve Only

1-1/2	721301-015C 332.69	722301-015C 332.69	723301-015C 669.67	1	0	252
2	721301-020C 356.16	722301-020C 356.16	723301-020C 684.56	1	0	252
2-1/2	721301-025C 371.07	722301-025C 371.07	723301-025C 714.44	1	0	252
3	721301-030C 400.95	722301-030C 400.95	723301-030C 780.54	1	0	252
4	721301-040C 464.91	722301-040C 464.91	723301-040C 985.31	1	0	252
6	721301-060C 699.49	722301-060C 699.49	723301-060C 1590.93	1	0	252
8	721301-080C 1211.31	722301-080C 1211.31	723301-080C 2687.17	1	0	252
10	721301-100C 2422.68	722301-100C 2422.68	723301-100C 5387.04	1	0	252
12	721301-120C 3147.76	722301-120C 3147.76	723301-120C 7001.44	1	0	252

### Lug Insert Butterfly Valves



Spears® Standard Butterfly Valve with Lug Inserts Factory Assembled

Note: Lug (insert) Valves require attention to flow direction for dead-end service. Flange must be installed on side of valve *opposite* the hex nut recesses for Single-Side installation. See "True Lug Butterfly Valves," where dead-end service is required in either direction.

Pressure Rating @ 73°F (23°C), Water

1-1/2" - 12" 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)

CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

See Butterfly Valve Accessories & Repair Kits Section for Additional Options and Features. Lug Valves Use Same Accessories, Repair Kits, and Overhaul Kits as Standard Butterfly Valves



#### PVC - Zinc-Plated Lug Inserts

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311K-015 424.56	722311K-015 424.56	723311K-015 607.11	1	0	250

#### PVC - Zinc-Plated Lug Inserts (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
2	721311K-020 434.03	722311K-020 434.03	723311K-020 630.11	1	0	250

**Thermoplastic Valves  
Lug Insert Butterfly Valves**



**PVC - Zinc-Plated Lug Inserts (continued)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
2-1/2	721311K-025 459.72	722311K-025 459.72	723311K-025 650.37	1	0	250
3	721311K-030 466.49	722311K-030 466.49	723311K-030 687.69	1	0	250
4	721311K-040 819.38	722311K-040 819.38	723311K-040 1062.78	1	0	250
6	721311K-060 1072.23	722311K-060 1072.23	723311K-060 1519.80	1	0	250
8	721311K-080 1331.85	722311K-080 1331.85	723311K-080 2170.18	1	0	250

**Gear Operator**

1-1/2	721321K-015 884.30	722321K-015 884.30	723321K-015 1061.43	1	0	250
2	721321K-020 903.22	722321K-020 903.22	723321K-020 1080.35	1	0	250
2-1/2	721321K-025 946.49	722321K-025 946.49	723321K-025 1119.55	1	0	250
3	721321K-030 960.01	722321K-030 960.01	723321K-030 1150.66	1	0	250
4	721321K-040 1322.38	722321K-040 1322.38	723321K-040 1646.90	1	0	250
6	721321K-060 1632.03	722321K-060 1632.03	723321K-060 2180.99	1	0	250
8	721321K-080 1917.32	722321K-080 1917.32	723321K-080 2861.12	1	0	250
10	721321K-100 3389.79	722321K-100 3389.79	723321K-100 5427.46	1	0	250
12	721321K-120 3906.31	722321K-120 3906.31	723321K-120 6524.03	1	0	250

**Valve Only**

1-1/2	721301K-015 381.31	722301K-015 381.31	723301K-015 584.12	1	0	250
2	721301K-020 419.16	722301K-020 419.16	723301K-020 600.35	1	0	250
2-1/2	721301K-025 439.44	722301K-025 439.44	723301K-025 634.15	1	0	250
3	721301K-030 447.55	722301K-030 447.55	723301K-030 640.91	1	0	250
4	721301K-040 801.81	722301K-040 801.81	723301K-040 1039.79	1	0	250
6	721301K-060 1064.14	722301K-060 1064.14	723301K-060 1492.76	1	0	250
8	721301K-080 1307.50	722301K-080 1307.50	723301K-080 2140.43	1	0	250
10	721301K-100 2670.46	722301K-100 2670.46	723301K-100 4306.54	1	0	250
12	721301K-120 3078.80	722301K-120 3078.80	723301K-120 6164.36	1	0	250

**CPVC - Zinc-Plated Lug Inserts**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311K-015C 553.01	722311K-015C 553.01	723311K-015C 770.71	1	0	252
2	721311K-020C 569.26	722311K-020C 569.26	723311K-020C 788.29	1	0	252
2-1/2	721311K-025C 577.36	722311K-025C 577.36	723311K-025C 807.23	1	0	252
3	721311K-030C 586.83	722311K-030C 586.83	723311K-030C 828.86	1	0	252
4	721311K-040C 1011.39	722311K-040C 1011.39	723311K-040C 1339.96	1	0	252
6	721311K-060C 1353.48	722311K-060C 1353.48	723311K-060C 1888.94	1	0	252
8	721311K-080C 1669.88	722311K-080C 1669.88	723311K-080C 2755.65	1	0	252

**Gear Operator**

1-1/2	721321K-015C 1089.83	722321K-015C 1089.83	723321K-015C 1350.77	1	0	252
2	721321K-020C 1110.11	722321K-020C 1110.11	723321K-020C 1380.52	1	0	252
2-1/2	721321K-025C 1124.97	722321K-025C 1124.97	723321K-025C 1402.15	1	0	252

**CPVC - Zinc-Plated Lug Inserts (continued)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Gear Operator</b>						
3	721321K-030C 1133.10	722321K-030C 1133.10	723321K-030C 1437.31	1	0	252
4	721321K-040C 1684.74	722321K-040C 1684.74	723321K-040C 2074.16	1	0	252
6	721321K-060C 2055.24	722321K-060C 2055.24	723321K-060C 2759.70	1	0	252
8	721321K-080C 2414.90	722321K-080C 2414.90	723321K-080C 3788.67	1	0	252
10	721321K-100C 4244.34	722321K-100C 4244.34	723321K-100C 6806.62	1	0	252
12	721321K-120C 4882.55	722321K-120C 4882.55	723321K-120C 7469.17	1	0	252

**Valve Only**

1-1/2	721301K-015C 528.68	722301K-015C 528.68	723301K-015C 759.89	1	0	252
2	721301K-020C 547.62	722301K-020C 547.62	723301K-020C 777.48	1	0	252
2-1/2	721301K-025C 554.37	722301K-025C 554.37	723301K-025C 795.05	1	0	252
3	721301K-030C 562.48	722301K-030C 562.48	723301K-030C 804.51	1	0	252
4	721301K-040C 964.07	722301K-040C 964.07	723301K-040C 1308.86	1	0	252
6	721301K-060C 1337.26	722301K-060C 1337.26	723301K-060C 1875.40	1	0	252
8	721301K-080C 1636.07	722301K-080C 1636.07	723301K-080C 2944.96	1	0	252
10	721301K-100C 3337.05	722301K-100C 3337.05	723301K-100C 5604.59	1	0	252
12	721301K-120C 3849.51	722301K-120C 3849.51	723301K-120C 7302.86	1	0	252

**PVC - SS Lug Inserts**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311G-015 484.06	722311G-015 484.06	723311G-015 730.16	1	0	250
2	721311G-020 489.48	722311G-020 489.48	723311G-020 736.90	1	0	250
2-1/2	721311G-025 538.15	722311G-025 538.15	723311G-025 766.66	1	0	250
3	721311G-030 543.56	722311G-030 543.56	723311G-030 774.78	1	0	250
4	721311G-040 964.07	722311G-040 964.07	723311G-040 1249.36	1	0	250
6	721311G-060 1262.89	722311G-060 1262.89	723311G-060 1787.53	1	0	250
8	721311G-080 1560.35	722311G-080 1560.35	723311G-080 2552.83	1	0	250

**Gear Operator**

1-1/2	721321G-015 987.06	722321G-015 987.06	723321G-015 1239.90	1	0	250
2	721321G-020 999.22	722321G-020 999.22	723321G-020 1260.18	1	0	250
2-1/2	721321G-025 1051.96	722321G-025 1051.96	723321G-025 1316.98	1	0	250
3	721321G-030 1065.48	722321G-030 1065.48	723321G-030 1348.07	1	0	250
4	721321G-040 1553.60	722321G-040 1553.60	723321G-040 1934.90	1	0	250
6	721321G-060 1920.02	722321G-060 1920.02	723321G-060 2566.34	1	0	250
8	721321G-080 2255.35	722321G-080 2255.35	723321G-080 3277.56	1	0	250
10	721321G-100 3984.73	722321G-100 3984.73	723321G-100 6388.83	1	0	250
12	721321G-120 4593.19	722321G-120 4593.19	723321G-120 7942.41	1	0	250

**Valve Only**

1-1/2	721301G-015 466.49	722301G-015 466.49	723301G-015 692.30	1	0	250
2	721301G-020 475.94	722301G-020 475.94	723301G-020 712.57	1	0	250



## Thermoplastic Valves Lug Insert Butterfly Valves & True Lug Butterfly Valves - Zinc Plated Lugs

### Lug Insert Butterfly Valves

#### PVC - SS Lug Inserts (continued)

Size	Buna-N			Std Pk	Mstr Pk	Disc Code
<b>Valve Only</b>						
2-1/2	721301G-025 519.21	722301G-025 519.21	723301G-025 727.45	1	0	250
3	721301G-030 527.32	722301G-030 527.32	723301G-030 753.14	1	0	250
4	721301G-040 945.14	722301G-040 945.14	723301G-040 1222.32	1	0	250
6	721301G-060 1252.07	722301G-060 1252.07	723301G-060 1753.71	1	0	250
8	721301G-080 1541.44	722301G-080 1541.44	723301G-080 2519.02	1	0	250
10	721301G-100 3139.65	722301G-100 3139.65	723301G-100 5063.72	1	0	250
12	721301G-120 3621.00	722301G-120 3621.00	723301G-120 6317.16	1	0	250

#### CPVC - SS Lug Inserts

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311G-015C 659.83	722311G-015C 659.83	723311G-015C 930.27	1	0	252
2	721311G-020C 667.95	722311G-020C 667.95	723311G-020C 942.43	1	0	252
2-1/2	721311G-025C 677.43	722311G-025C 677.43	723311G-025C 966.78	1	0	252
3	721311G-030C 690.94	722311G-030C 690.94	723311G-030C 976.23	1	0	252
4	721311G-040C 1234.50	722311G-040C 1234.50	723311G-040C 1581.98	1	0	252
6	721311G-060C 1611.73	722311G-060C 1611.73	723311G-060C 2281.04	1	0	252
8	721311G-080C 1997.10	722311G-080C 1997.10	723311G-080C 3268.10	1	0	252

#### Gear Operator

1-1/2	721321G-015C 1310.22	722321G-015C 1310.22	723321G-015C 1623.91	1	0	252
2	721321G-020C 1319.68	722321G-020C 1319.68	723321G-020C 1642.84	1	0	252
2-1/2	721321G-025C 1325.07	722321G-025C 1325.07	723321G-025C 1660.41	1	0	252
3	721321G-030C 1348.07	722321G-030C 1348.07	723321G-030C 1749.66	1	0	252
4	721321G-040C 1941.67	722321G-040C 1941.67	723321G-040C 2436.53	1	0	252
6	721321G-060C 1587.40	722321G-060C 2398.69	723321G-060C 3251.88	1	0	252

#### CPVC - SS Lug Inserts (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Gear Operator</b>						
8	721321G-080C 2773.22	722321G-080C 2773.22	723321G-080C 4384.97	1	0	252
10	721321G-100C 5005.60	722321G-100C 5005.60	723321G-100C 8104.67	1	0	252
12	721321G-120C 5784.41	722321G-120C 5784.41	723321G-120C 9976.02	1	0	252

#### Valve Only

1-1/2	721301G-015C 624.68	722301G-015C 624.68	723301G-015C 908.64	1	0	252
2	721301G-020C 642.26	722301G-020C 642.26	723301G-020C 916.73	1	0	252
2-1/2	721301G-025C 649.03	722301G-025C 649.03	723301G-025C 945.14	1	0	252
3	721301G-030C 662.54	722301G-030C 662.54	723301G-030C 954.61	1	0	252
4	721301G-040C 1199.33	722301G-040C 1199.33	723301G-040C 1538.72	1	0	252
6	721301G-060C 1564.41	722301G-060C 1564.41	723301G-060C 2199.90	1	0	252
8	721301G-080C 1945.71	722301G-080C 1945.71	723301G-080C 3238.35	1	0	252
10	721301G-100C 3946.87	722301G-100C 3946.87	723301G-100C 6233.33	1	0	252
12	721301G-120C 4537.76	722301G-120C 4537.76	723301G-120C 7673.35	1	0	252

### True Lug Butterfly Valves - Zinc Plated Lugs



Pressure Rating @ 73°F (23°C), Water

1-1/2" - 12" 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)

CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits  
Section for Additional Options and Features

#### PVC - Zinc-Plated Lugs

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311Z-015 605.91	722311Z-015 605.91	723311Z-015 868.84	1	0	250
2	721311Z-020 619.70	722311Z-020 619.70	723311Z-020 902.56	1	0	250

#### PVC - Zinc-Plated Lugs (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
2-1/2	721311Z-025 656.36	722311Z-025 656.36	723311Z-025 931.54	1	0	250
3	721311Z-030 666.38	722311Z-030 666.38	723311Z-030 943.73	1	0	250

**Thermoplastic Valves  
True Lug Butterfly Valves - Zinc Plated Lugs & True Lug Butterfly Valves - SS Lugs**



**True Lug Butterfly Valves - Zinc Plated Lugs**

**PVC - Zinc-Plated Lugs (continued)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
4	721311Z-040 1172.04	722311Z-040 1172.04	723311Z-040 1519.20	1	0	250
6	721311Z-060 1533.70	722311Z-060 1533.70	723311Z-060 2172.38	1	0	250
8	721311Z-080 1903.71	722311Z-080 1903.71	723311Z-080 3101.20	1	0	250

**Gear Operator**

1-1/2	721321Z-015 984.07	722321Z-015 984.07	723321Z-015 1250.67	1	0	250
2	721321Z-020 1005.06	722321Z-020 1005.06	723321Z-020 1272.44	1	0	250
2-1/2	721321Z-025 1053.27	722321Z-025 1053.27	723321Z-025 1319.15	1	0	250
3	721321Z-030 1065.63	722321Z-030 1065.63	723321Z-030 1352.16	1	0	250
4	721321Z-040 1556.46	722321Z-040 1556.46	723321Z-040 1937.96	1	0	250
6	721321Z-060 1920.76	722321Z-060 1920.76	723321Z-060 2567.54	1	0	250
8	721321Z-080 2256.59	722321Z-080 2256.59	723321Z-080 3367.59	1	0	250
10	721321Z-100 3987.96	722321Z-100 3987.96	723321Z-100 6387.37	1	0	250
12	721321Z-120 4596.29	722321Z-120 4596.29	723321Z-120 7676.48	1	0	250

**Valve Only**

1-1/2	721301Z-015 544.69	722301Z-015 544.69	723301Z-015 835.98	1	0	250
2	721301Z-020 599.54	722301Z-020 599.54	723301Z-020 857.48	1	0	250
2-1/2	721301Z-025 631.07	722301Z-025 631.07	723301Z-025 906.68	1	0	250
3	721301Z-030 639.36	722301Z-030 639.36	723301Z-030 915.21	1	0	250
4	721301Z-040 1147.67	722301Z-040 1147.67	723301Z-040 1486.91	1	0	250
6	721301Z-060 1522.39	722301Z-060 1522.38	723301Z-060 2133.98	1	0	250
8	721301Z-080 1869.65	722301Z-080 1869.65	723301Z-080 3058.98	1	0	250
10	721301Z-100 3815.88	722301Z-100 3815.88	723301Z-100 6152.90	1	0	250
12	721301Z-120 4399.95	722301Z-120 4399.95	723301Z-120 7011.30	1	0	250

**CPVC - Zinc-Plated Lugs**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311Z-015C 789.90	722311Z-015C 789.90	723311Z-015C 1102.56	1	0	252
2	721311Z-020C 812.47	722311Z-020C 812.47	723311Z-020C 1126.82	1	0	252
2-1/2	721311Z-025C 822.35	722311Z-025C 822.35	723311Z-025C 1155.10	1	0	252

**CPVC - Zinc-Plated Lugs (continued)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
3	721311Z-030C 839.64	722311Z-030C 839.64	723311Z-030C 1184.39	1	0	252
4	721311Z-040C 1445.18	722311Z-040C 1445.18	723311Z-040C 1914.13	1	0	252
6	721311Z-060C 1934.01	722311Z-060C 1934.01	723311Z-060C 2700.32	1	0	252
8	721311Z-080C 2387.26	722311Z-080C 2387.26	723311Z-080C 3938.51	1	0	252

**Gear Operator**

1-1/2	721321Z-015C 1283.59	722321Z-015C 1283.59	723321Z-015C 1591.30	1	0	252
2	721321Z-020C 1306.96	722321Z-020C 1306.96	723321Z-020C 1623.44	1	0	252
2-1/2	721321Z-025C 1322.89	722321Z-025C 1322.89	723321Z-025C 1650.24	1	0	252
3	721321Z-030C 1331.91	722321Z-030C 1331.91	723321Z-030C 1691.61	1	0	252
4	721321Z-040C 1982.98	722321Z-040C 1982.98	723321Z-040C 2441.81	1	0	252
6	721321Z-060C 2420.14	722321Z-060C 2420.14	723321Z-060C 3247.93	1	0	252
8	721321Z-080C 2843.30	722321Z-080C 2843.30	723321Z-080C 4458.44	1	0	252
10	721321Z-100C 4921.14	722321Z-100C 4921.14	723321Z-100C 8009.65	1	0	252
12	721321Z-120C 5745.40	722321Z-120C 5745.40	723321Z-120C 8788.24	1	0	252

**Valve Only**

1-1/2	721301Z-015C 756.98	722301Z-015C 756.98	723301Z-015C 1086.12	1	0	252
2	721301Z-020C 783.04	722301Z-020C 783.04	723301Z-020C 1112.17	1	0	252
2-1/2	721301Z-025C 791.38	722301Z-025C 791.38	723301Z-025C 1137.83	1	0	252
3	721301Z-030C 801.96	722301Z-030C 801.96	723301Z-030C 1150.52	1	0	252
4	721301Z-040C 1376.21	722301Z-040C 1376.21	723301Z-040C 1872.04	1	0	252
6	721301Z-060C 1912.10	722301Z-060C 1912.10	723301Z-060C 2680.28	1	0	252
8	721301Z-080C 2338.90	722301Z-080C 2338.90	723301Z-080C 3648.19	1	0	252
10	721301Z-100C 4769.84	722301Z-100C 4769.84	723301Z-100C 7648.03	1	0	252
12	721301Z-120C 5499.94	722301Z-120C 5499.94	723301Z-120C 8279.01	1	0	252

**True Lug Butterfly Valves - SS Lugs**

**PVC - Stainless Steel Lugs**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311L-015 691.49	722311L-015 691.49	723311L-015 1044.14	1	0	250
2	721311L-020 699.41	722311L-020 699.41	723311L-020 1054.05	1	0	250
2-1/2	721311L-025 769.14	722311L-025 769.14	723311L-025 1095.96	1	0	250
3	721311L-030 777.13	722311L-030 777.13	723311L-030 1107.72	1	0	250
4	721311L-040 1378.82	722311L-040 1378.82	723311L-040 1785.01	1	0	250

**PVC - Stainless Steel Lugs (continued)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
6	721311L-060 1804.16	722311L-060 1804.16	723311L-060 2554.23	1	0	250
8	721311L-080 2230.63	722311L-080 2230.63	723311L-080 3648.47	1	0	250
<b>Gear Operator</b>						
1-1/2	721321L-015 1161.81	722321L-015 1161.81	723321L-015 1459.67	1	0	250
2	721321L-020 1177.19	722321L-020 1177.19	723321L-020 1483.98	1	0	250

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS  
Progressive Products from Spears® Innovation and Technology**



## Thermoplastic Valves True Lug Butterfly Valves - SS Lugs

### PVC - Stainless Steel Lugs (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Gear Operator</b>						
2-1/2	721321L-025 1239.14	722321L-025 1239.14	723321L-025 1551.94	1	0	250
3	721321L-030 1253.65	722321L-030 1253.65	723321L-030 1588.40	1	0	250
4	721321L-040 1828.89	722321L-040 1828.89	723321L-040 2277.69	1	0	250
6	721321L-060 2259.64	722321L-060 2259.64	723321L-060 3020.61	1	0	250
8	721321L-080 2654.29	722321L-080 2654.29	723321L-080 3857.61	1	0	250
10	721321L-100 4689.50	722321L-100 4689.50	723321L-100 7516.65	1	0	250
12	721321L-120 5405.07	722321L-120 5405.07	723321L-120 9345.51	1	0	250

### Valve Only

1-1/2	721301L-015 665.98	722301L-015 665.98	723301L-015 989.02	1	0	250
2	721301L-020 679.99	722301L-020 679.99	723301L-020 1019.02	1	0	250
2-1/2	721301L-025 742.41	722301L-025 742.41	723301L-025 1038.64	1	0	250
3	721301L-030 752.12	722301L-030 752.12	723301L-030 1076.72	1	0	250
4	721301L-040 1349.96	722301L-040 1349.96	723301L-040 1746.31	1	0	250
6	721301L-060 1788.76	722301L-060 1788.76	723301L-060 2505.54	1	0	250
8	721301L-080 2201.76	722301L-080 2201.76	723301L-080 3598.72	1	0	250
10	721301L-100 4484.73	722301L-100 4484.73	723301L-100 7234.17	1	0	250
12	721301L-120 5173.52	722301L-120 5173.52	723301L-120 9026.64	1	0	250

### CPVC - Stainless Steel Lugs

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
1-1/2	721311L-015C 943.90	722311L-015C 943.90	723311L-015C 1330.81	1	0	252
2	721311L-020C 954.78	722311L-020C 954.78	723311L-020C 1347.97	1	0	252
2-1/2	721311L-025C 969.13	722311L-025C 969.13	723311L-025C 1380.90	1	0	252
3	721311L-030C 986.98	722311L-030C 986.98	723311L-030C 1395.70	1	0	252
4	721311L-040C 1764.89	722311L-040C 1764.89	723311L-040C 2261.61	1	0	252
6	721311L-060C 2305.35	722311L-060C 2305.35	723311L-060C 3259.19	1	0	252
8	721311L-080C 2855.17	722311L-080C 2855.17	723311L-080C 4670.06	1	0	252

### Gear Operator

1-1/2	721321L-015C 1543.27	722321L-015C 1543.27	723321L-015C 1912.21	1	0	252
2	721321L-020C 1554.44	722321L-020C 1554.44	723321L-020C 1934.59	1	0	252
2-1/2	721321L-025C 1561.33	722321L-025C 1561.33	723321L-025C 1953.91	1	0	252
3	721321L-030C 1587.33	722321L-030C 1587.33	723321L-030C 2060.35	1	0	252
4	721321L-040C 2286.10	722321L-040C 2286.10	723321L-040C 2867.37	1	0	252
6	721321L-060C 2824.56	722321L-060C 2824.56	723321L-060C 3827.07	1	0	252
8	721321L-080C 3264.82	722321L-080C 3264.82	723321L-080C 5161.01	1	0	252
10	721321L-100C 5890.03	722321L-100C 5890.03	723321L-100C 9536.36	1	0	252
12	721321L-120C 6809.32	722321L-120C 6809.32	723321L-120C 11737.96	1	0	252

### Valve Only

1-1/2	721301L-015C 892.91	722301L-015C 892.91	723301L-015C 1300.03	1	0	252
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### CPVC - Stainless Steel Lugs (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Valve Only</b>						
2	721301L-020C 918.38	722301L-020C 918.38	723301L-020C 1309.98	1	0	252
2-1/2	721301L-025C 928.02	722301L-025C 928.02	723301L-025C 1351.49	1	0	252
3	721301L-030C 946.91	722301L-030C 946.91	723301L-030C 1364.20	1	0	252
4	721301L-040C 1713.94	722301L-040C 1713.94	723301L-040C 2200.35	1	0	252
6	721301L-060C 2235.96	722301L-060C 2235.96	723301L-060C 3144.46	1	0	252
8	721301L-080C 2780.81	722301L-080C 2780.81	723301L-080C 4448.03	1	0	252
10	721301L-100C 5640.38	722301L-100C 5640.38	723301L-100C 8905.26	1	0	252
12	721301L-120C 6484.05	722301L-120C 6484.05	723301L-120C 10963.79	1	0	252



# Thermoplastic Valves Polypropylene Butterfly Valves & Large Diameter Butterfly Valves



## Polypropylene Butterfly Valves



Lever Handle Style

Pressure Rating @ 73°F (23°C), Water  
1-1/2" - 12" 150 psi  
Maximum Service Temperature  
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply  
See Butterfly Valve Accessories & Repair Kits Section for Additional Options and Features

### Lever Handle

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	721311-015P 479.21	722311-015P 479.21	723311-015P 995.52	1	0	256
	721311-020P 484.05	722311-020P 484.05	723311-020P 1015.84	1	0	256
2-1/2	721311-025P 505.90	722311-025P 505.90	723311-025P 1033.17	1	0	256
	721311-030P 516.60	722311-030P 516.60	723311-030P 1053.40	1	0	256
4	721311-040P 576.09	722311-040P 576.09	723311-040P 1315.32	1	0	256
	721311-060P 900.17	722311-060P 900.17	723311-060P 2079.82	1	0	256
8	721311-080P 1530.85	722311-080P 1530.85	723311-080P 3531.49	1	0	256

### Gear Operator (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
10	721321-100P 3254.62	722321-100P 3254.62	723321-100P 7242.06	1	0	256
	721321-120P 4506.98	722321-120P 4506.98	723321-120P 10584.19	1	0	256

### Valve Only

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	721301-015P 442.88	722301-015P 442.88	723301-015P 878.52	1	0	256
	721301-020P 451.91	722301-020P 451.91	723301-020P 894.48	1	0	256
2-1/2	721301-025P 469.26	722301-025P 469.26	723301-025P 927.50	1	0	256
	721301-030P 483.85	722301-030P 483.85	723301-030P 951.80	1	0	256
4	721301-040P 553.54	722301-040P 553.54	723301-040P 1180.62	1	0	256
	721301-060P 846.49	722301-060P 846.49	723301-060P 1909.59	1	0	256
8	721301-080P 1454.65	722301-080P 1454.65	723301-080P 3234.30	1	0	256
	721301-100P 2905.46	722301-100P 2905.46	723301-100P 6481.34	1	0	256
12	721301-120P 3759.51	722301-120P 3759.51	723301-120P 9257.68	1	0	256

### Gear Operator

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	721321-020P 1377.88	722321-020P 1377.88	723321-020P 1751.52	1	0	256
	721321-025P 1396.22	722321-025P 1396.22	723321-025P 1843.49	1	0	256
3	721321-030P 1423.13	722321-030P 1423.13	723321-030P 1936.81	1	0	256
	721321-040P 1516.28	722321-040P 1516.28	723321-040P 2203.06	1	0	256
6	721321-060P 1771.23	722321-060P 1771.23	723321-060P 2981.33	1	0	256
	721321-080P 2420.47	722321-080P 2420.47	723321-080P 4451.30	1	0	256

## Large Diameter Butterfly Valves

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply  
Contact Spears® for Custom Produced Valve Sizes 30" to 60"

Pressure Rating @ 73°F (23°C), Water



Size	Psi
14	100
16	85
18	70
20	50
24	50

### PVC - Gear Operator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
14	722321-140 5759.39	723321-140 13996.15	1	0	251

### CPVC - Gear Operator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
14	722321-140C 7881.51	723321-140C 19152.79	1	0	253



## Thermoplastic Valves Large Diameter Butterfly Valves & Wafer Butterfly Valves

### Large Diameter Butterfly Valves

#### Polypropylene - Gear Operator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>14</b>	722321-140P <b>6062.70</b>	723321-140P <b>14732.91</b>	1	0	257
<b>16</b>	722321-160P <b>23639.20</b>	723321-160P <b>25605.47</b>	1	0	257
<b>18</b>	722321-180P <b>26039.51</b>	723321-180P <b>29834.86</b>	1	0	257

#### Polypropylene - Gear Operator (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>20</b>	722321-200P <b>29215.80</b>	723321-200P <b>35512.53</b>	1	0	257
<b>24</b>	722321-240P <b>33092.72</b>	723321-240P <b>47739.89</b>	1	0	257

### Wafer Butterfly Valves



Lever Handle



Gear Operator

Wafer Butterfly Valve laying lengths will directly replace common Cast Iron valves (matches Keystone Model 228 and Bray Series 30 Butterfly Valves).

#### IMPORTANT NOTE

All PVC and CPVC valves have built-in Santoprene™ Thermoplastic Elastomer (TPE) Flange Gaskets for use with choice of Buna-N, EPDM, or Viton® Seats on PVC valves and choice of EPDM or Viton® Seats on CPVC valves.

Pressure Rating @ 73°F (23°C), Water  
150 psi

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

#### PVC

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>						
<b>2</b>	751311-020 <b>277.20</b>	752311-020 <b>277.20</b>	753311-020 <b>573.66</b>	1	0	250
<b>2-1/2</b>	751311-025 <b>294.29</b>	752311-025 <b>294.29</b>	753311-025 <b>582.20</b>	1	0	250
<b>3</b>	751311-030 <b>298.57</b>	752311-030 <b>298.57</b>	753311-030 <b>592.87</b>	1	0	250
<b>4</b>	751311-040 <b>345.51</b>	752311-040 <b>345.51</b>	753311-040 <b>742.16</b>	1	0	250
<b>6</b>	751311-060 <b>511.84</b>	752311-060 <b>511.84</b>	753311-060 <b>1185.74</b>	1	0	250
<b>8</b>	751311-080 <b>870.11</b>	752311-080 <b>870.11</b>	753311-080 <b>2008.94</b>	1	0	250

#### Gear Operator

<b>2</b>	751321-020 <b>784.83</b>	752321-020 <b>784.83</b>	753321-020 <b>1002.35</b>	1	0	250
<b>2-1/2</b>	751321-025 <b>795.45</b>	752321-025 <b>795.45</b>	753321-025 <b>1040.71</b>	1	0	250
<b>3</b>	751321-030 <b>808.28</b>	752321-030 <b>808.28</b>	753321-030 <b>1100.46</b>	1	0	250
<b>4</b>	751321-040 <b>848.79</b>	752321-040 <b>848.79</b>	753321-040 <b>1245.46</b>	1	0	250
<b>6</b>	751321-060 <b>1019.43</b>	752321-060 <b>1019.43</b>	753321-060 <b>1693.31</b>	1	0	250
<b>8</b>	751321-080 <b>1377.67</b>	752321-080 <b>1377.67</b>	753321-080 <b>2516.52</b>	1	0	250

#### Valve Only

<b>2</b>	751301-020 <b>258.03</b>	752301-020 <b>258.03</b>	753301-020 <b>509.70</b>	1	0	250
<b>2-1/2</b>	751301-025 <b>266.60</b>	752301-025 <b>266.60</b>	753301-025 <b>526.74</b>	1	0	250
<b>3</b>	751301-030 <b>272.99</b>	752301-030 <b>272.99</b>	753301-030 <b>537.41</b>	1	0	250
<b>4</b>	751301-040 <b>315.63</b>	752301-040 <b>315.63</b>	753301-040 <b>673.90</b>	1	0	250

#### PVC (continued)

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>Valve Only</b>						
<b>6</b>	751301-060 <b>477.69</b>	752301-060 <b>477.69</b>	753301-060 <b>1091.91</b>	1	0	250
<b>8</b>	751301-080 <b>827.48</b>	752301-080 <b>827.48</b>	753301-080 <b>1842.59</b>	1	0	250

#### CPVC

Size	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>Lever Handle</b>					
<b>2</b>	752311-020C <b>379.60</b>	753311-020C <b>744.30</b>	1	0	252
<b>2-1/2</b>	752311-025C <b>403.09</b>	753311-025C <b>808.28</b>	1	0	252
<b>3</b>	752311-030C <b>439.33</b>	753311-030C <b>865.84</b>	1	0	252
<b>4</b>	752311-040C <b>507.59</b>	753311-040C <b>1083.37</b>	1	0	252
<b>6</b>	752311-060C <b>750.70</b>	753311-060C <b>1731.73</b>	1	0	252
<b>8</b>	752311-080C <b>1275.31</b>	753311-080C <b>2930.26</b>	1	0	252

#### Gear Operator

<b>2</b>	752321-020C <b>915.46</b>	753321-020C <b>1246.83</b>	1	0	252
<b>2-1/2</b>	752321-025C <b>929.20</b>	753321-025C <b>1310.23</b>	1	0	252
<b>3</b>	752321-030C <b>942.62</b>	753321-030C <b>1369.16</b>	1	0	252
<b>4</b>	752321-040C <b>1010.87</b>	753321-040C <b>1586.69</b>	1	0	252
<b>6</b>	752321-060C <b>1258.26</b>	753321-060C <b>2235.01</b>	1	0	252
<b>8</b>	752321-080C <b>1778.60</b>	753321-080C <b>3433.56</b>	1	0	252

**Thermoplastic Valves  
Wafer Butterfly Valves & High Purity TFM-Lined Butterfly Valves**



**Wafer Butterfly Valves**

**CPVC**

Size	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>Valve Only</b>					
<b>2</b>	752301-020C <b>356.16</b>	753301-020C <b>684.56</b>	1	0	252
<b>2-1/2</b>	752301-025C <b>371.07</b>	753301-025C <b>714.44</b>	1	0	252
<b>3</b>	752301-030C <b>400.95</b>	753301-030C <b>780.54</b>	1	0	252

**CPVC (continued)**

Size	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
<b>Valve Only</b>					
<b>4</b>	752301-040C <b>464.91</b>	753301-040C <b>985.31</b>	1	0	252
<b>6</b>	752301-060C <b>699.49</b>	753301-060C <b>1590.93</b>	1	0	252
<b>8</b>	752301-080C <b>1211.31</b>	753301-080C <b>2687.17</b>	1	0	252

**High Purity TFM-Lined Butterfly Valves**



Pressure Rating @ 73°F (23°C), Water  
2" - 6" 150 psi  
Maximum Service Temperature  
200°F (93°C)

**TFM-Lined**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Viton® O-ring Seal**

TFM PTFE Lined with backing O-rings, no fluid contact with elastomers or body

253322-020	<b>2</b>	1	0	254	2736.71
253322-030	<b>3</b>	1	0	254	2991.45
253322-040	<b>4</b>	1	0	254	3831.62
253322-060	<b>6</b>	1	0	254	5128.95

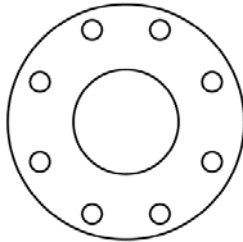


## Thermoplastic Valves Butterfly Valve Accessories & Repair Kits

### Flange Gaskets Selection Guide

Order Gaskets & Bolts Kits Separately

- 1/8" Full-Faced design with ANSI Class 150 Bolt Patterns
- Pressure Rated to 150 psi @ 73°F
- Available in Buna-N (Nitrile), EPDM, or Viton® (FKM)



**Note:** Do not order for Wafer Butterfly Valves. Gasket is Built-in.

Flange Size (in.)	Number of Bolt Holes	Gasket Part Number		
		Buna-N (Nitrile)	EPDM	Viton® (FKM)
1/2	4	GK1-005	GK2-005	GK3-005
3/4	4	GK1-007	GK2-007	GK3-007
1	4	GK1-010	GK2-010	GK3-010
1-1/4	4	GK1-012	GK2-012	GK3-012
1-1/2	4	GK1-015	GK2-015	GK3-015
2	4	GK1-020	GK2-020	GK3-020
2-1/2	4	GK1-025	GK2-025	GK3-025
3	4	GK1-030	GK2-030	GK3-030
4	8	GK1-040	GK2-040	GK3-040
5	8	GK1-050	GK2-050	GK3-050
6	8	GK1-060	GK2-060	GK3-060
8	8	GK1-080	GK2-080	GK3-080
10	12	GK1-100	GK2-100	GK3-100
12	12	GK1-120	GK2-120	GK3-120

### EPDM Full-Faced Flange Gaskets

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK2-005	1/2	1	25	017	4.06
GK2-007	3/4	1	25	017	4.32
GK2-010	1	1	25	017	4.51
GK2-012	1-1/4	1	25	017	4.74
GK2-015	1-1/2	1	25	017	5.09
GK2-020	2	1	25	017	6.21
GK2-025	2-1/2	1	25	017	7.46
GK2-030	3	1	25	017	10.96
GK2-040	4	1	25	017	12.48
GK2-050	5	1	25	017	15.61
GK2-060	6	1	25	017	16.38
GK2-080	8	1	25	017	21.82
GK2-100	10	1	25	017	28.43
GK2-120	12	1	25	017	39.12

### Viton® (FKM) Full-Faced Flange Gaskets

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK3-005	1/2	1	25	017	14.49
GK3-007	3/4	1	25	017	17.20
GK3-010	1	1	25	017	19.01
GK3-012	1-1/4	1	5	017	21.46
GK3-015	1-1/2	1	25	017	27.07
GK3-020	2	1	25	017	37.84
GK3-025	2-1/2	1	25	017	50.61
GK3-030	3	1	25	017	113.09
GK3-040	4	1	25	017	130.55
GK3-050	5	1	25	017	152.19
GK3-060	6	1	25	017	172.66
GK3-080	8	1	25	017	245.99
GK3-100	10	1	25	017	327.20
GK3-120	12	1	25	017	461.02

### Buna-N Full-Faced Flange Gaskets

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK1-005	1/2	1	25	017	3.06
GK1-007	3/4	1	25	017	3.51
GK1-010	1	1	25	017	3.61

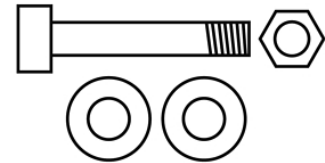
### Buna-N Full-Faced Flange Gaskets (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GK1-012	1-1/4	1	25	017	3.70
GK1-015	1-1/2	1	25	017	3.97
GK1-020	2	1	25	017	4.44
GK1-025	2-1/2	1	25	017	4.88
GK1-030	3	1	25	017	7.51
GK1-040	4	1	25	017	8.40
GK1-050	5	1	25	017	9.96
GK1-060	6	1	25	017	10.23
GK1-080	8	1	25	017	13.49
GK1-100	10	1	25	017	17.12
GK1-120	12	1	25	017	23.09

### Bolt Kit Selection Guide

Kit Contains All Bolts, Nuts, & Flat Washers for Specified Valve Size

- For Connecting Valve Between Two (2) Mating Spears® Flanges
- Pre-coated, Anti-seize Lubricated Bolts
- Available in Zinc Coated Steel, Type 304 Stainless Steel or Type 316



Order Gaskets separately for Standard valves; gaskets are already included with Wafer Butterfly Valves.

Standard Butterfly Valve Hardware Kit						
Valve Size (in.)	Bolts Per Kit	Bolt Diameter (in.-TPI)	Bolt Length (in.)	Hardware Kit Part Number		
				Zinc Plate Steel	Type 316 Stainless	Type 304 Stainless
1-1/2	4	1/2-13	4-1/2	BFHK-015	BFHK1-015	BFHK2-015
2	4	5/8-11	5	BFHK-020	BFHK1-020	BFHK2-020
2-1/2 & 3	4	5/8-11	5-1/2	BFHK-030	BFHK1-030	BFHK2-030
4	8	5/8-11	6	BFHK-040	BFHK1-040	BFHK2-040
6	8	3/4-10	7	BFHK-060	BFHK1-060	BFHK2-060
8	8	3/4-10	7-1/2	BFHK-080	BFHK1-080	BFHK2-080
10 & 12	12	7/8-9	8-1/2	BFHK-120	BFHK1-120	BFHK2-120

Wafer Butterfly Valve Hardware Kit						
Valve Size (in.)	Bolts Per Kit	Bolt Diameter (in.-TPI)	Bolt Length (in.)	Hardware Kit Part Number		
				Zinc Plate Steel	Type 316 Stainless	Type 304 Stainless
2	4	5/8-11	4-1/2	WBHK-020	WBHK1-020	WBHK2-020
2-1/2 & 3	4	5/8-11	5	WBHK-030	WBHK1-030	WBHK2-030
4	8	5/8-11	5-1/2	WBHK-040	WBHK1-040	WBHK2-040
6	8	3/4-10	6	WBHK-060	WBHK1-060	WBHK2-060
8	8	3/4-10	7	WBHK-080	WBHK1-080	WBHK2-080
10	12	7/8-9	7-1/2	WBHK-100	WBHK1-100	WBHK2-100
12	12	7/8-9	8	WBHK-120	WBHK1-120	WBHK2-120

### Standard Butterfly Valve Bolt Kit - Zinc Plated

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BFHK-015	1-1/2	1	10	017	10.77
BFHK-020	2	1	10	017	14.59
BFHK-030	2-1/2 & 3	1	5	017	18.72
BFHK-040	4	1	5	017	36.96

**For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers**

**Thermoplastic Valves  
Butterfly Valve Accessories & Repair Kits**



**Standard Butterfly Valve Bolt Kit - Zinc Plated (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

BFHK-060	6	1	3	017	51.17
BFHK-080	8	1	3	017	53.51
BFHK-120	10 & 12	1	0	017	103.74

**Standard Butterfly Valve Bolt Kit - Type 316 Stainless Steel**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

BFHK1-015	1-1/2	1	10	017	37.80
BFHK1-020	2	1	10	017	52.87
BFHK1-030	2-1/2 & 3	1	10	017	62.93
BFHK1-040	4	1	5	017	288.44
BFHK1-060	6	1	3	017	337.52
BFHK1-080	8	1	3	017	395.10
BFHK1-120	10 & 12	1	0	017	647.88

**Standard Butterfly Valve Bolt Kit - Type 304 Stainless Steel**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

BFHK2-015	1-1/2	1	10	017	34.33
BFHK2-020	2	1	10	017	47.76
BFHK2-030	2-1/2 & 3	1	10	017	57.35
BFHK2-040	4	1	5	017	112.31
BFHK2-060	6	1	3	017	142.89
BFHK2-080	8	1	3	017	156.80
BFHK2-120	10 & 12	1	0	017	380.95

**Wafer Butterfly Valve Bolt Kit - Zinc Plated**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

Note: Do not order Gaskets, these are included with Wafer Butterfly Valves

WBHK-020	2	1	10	017	10.09
WBHK-030	2-1/2 & 3	1	10	017	11.67
WBHK-040	4	1	5	017	24.63
WBHK-060	6	1	3	017	37.94
WBHK-080	8	1	0	017	51.17
WBHK-100	10	1	0	017	88.70
WBHK-120	12	1	0	017	103.74

**Wafer Butterfly Valve Bolt Kit - Type 316 Stainless Steel**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

Note: Do not order Gaskets, these are included with Wafer Butterfly Valves

WBHK1-020	2	1	10	017	48.74
WBHK1-030	2-1/2 & 3	1	10	017	62.95
WBHK1-040	4	1	5	017	125.88
WBHK1-060	6	1	3	017	204.00
WBHK1-080	8	1	0	017	259.17
WBHK1-100	10	1	0	017	690.52
WBHK1-120	12	1	0	017	869.97

**Wafer Butterfly Valve Bolt Kit - Type 304 Stainless Steel**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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For Connection of Valve Between 2-Spears® Flanges Includes Bolts, Nuts & Flat Washers

Note: Do not order Gaskets, these are included with Wafer Butterfly Valves

WBHK2-020	2	1	10	017	31.48
WBHK2-030	2-1/2 & 3	1	10	017	42.45
WBHK2-040	4	1	5	017	80.41
WBHK2-060	6	1	3	017	107.91
WBHK2-080	8	1	0	017	143.41
WBHK2-100	10	1	0	017	339.66
WBHK2-120	12	1	0	017	451.64

**Gear Operator Kits**



For Wafer Style Butterfly Valves, replace the "GO" prefix with "GOW" in the part number (e.g., GOW-020). Pricing is as indicated.

Contact Spears® for Kit Pricing and Availability on 14" & Larger Valves

**Gear Operator Kits**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GO-015	1-1/2	1	2	299	649.03
GO-020	2	1	2	299	649.03
GO-030	3	1	2	299	649.03
GO-040	4	1	2	299	649.03
GO-060	6	1	2	299	676.66
GO-080	8	1	2	299	676.66
GO-100	10	1	2	299	1213.52
GO-120	12	1	0	299	1213.52
GO-140	14-24	1	0	299	1460.41

**Powder Coated**

GOP-015	1-1/2	1	2	299	1044.38
GOP-020	2	1	2	299	1044.38
GOP-030	3	1	2	299	1044.38
GOP-040	4	1	2	299	1044.38
GOP-060	6	1	2	299	1072.01
GOP-080	8	1	2	299	1072.01
GOP-100	10	1	0	299	1608.87
GOP-120	12	1	0	299	1608.87



## Thermoplastic Valves Butterfly Valve Accessories & Repair Kits

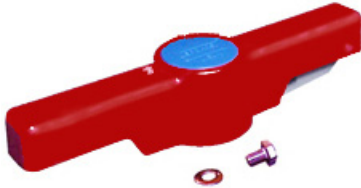
### Lever Handle



#### Lever Handle Kits

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BFH-015	1-1/2	1	10	299	52.06
BFH-020	2 OR 2-1/2	1	10	299	52.06
BFH-030	3	1	10	299	55.33
BFH-040	4	1	10	299	65.56
BFH-060	6	1	10	299	122.98
BFH-080	8	1	10	299	159.87

### T-Handle



#### T-Handle Kits

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BFTH-020	2	1	10	299	47.90
BFTH-030	3	1	10	299	55.33
BFTH-040	4	1	10	299	78.06

### Speed Handle



#### Speed Handle For Gear Operator

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SH-120	1-1/2 - 12	10	0	299	95.59

### Operator Nut



#### 2" Operator Nuts

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
GTN-040	4	10	60	299	102.47

Note: Operator Nut is used with Valve Gear Operator. Size 4 fits all Butterfly valve sizes 1-1/2" through 24".

### Stem Stop



#### Gear Operator Positive Stem Stop

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PSS-120	1-1/2 - 12	50	0	299	28.38

### Lug Insert Sets



#### Lug Insert Sets (For PVC/CPVC Standard Valves Only)

Size	Stainless Steel	Zinc Plated	Std Pk	Mstr Pk	Disc Code
1-1/2	LUG1-015 430.36	LUG2-015 98.37	1	10	299
2 OR 2-1/2	LUG1-020 430.36	LUG2-020 98.37	1	10	299
3	LUG1-030 430.36	LUG2-030 98.37	1	10	299
4	LUG1-040 856.68	LUG2-040 196.73	1	5	299
6 OR 8	LUG1-080 1082.10	LUG2-080 401.70	1	5	299
10 OR 12	LUG1-120 2738.10	LUG2-120 819.80	1	5	299

### Chainwheel Operators

For Wafer Style Butterfly Valves, replace the "CO" prefix with "COW" in the part number (e.g., COW-020). Pricing is as indicated.



Contact Spears®  
for  
larger sizes

Valve not  
included

Order "valve only" (without operator)  
for use with Chainwheel Operator.

How to Order Chain										
Required chain length is based on chain drop at 3 ft. from floor										
Floor-to-Chainwheel Height	7'	8'	9'	10'	11'	12'	13'	14'	15'	
Required Chain Length	10'	12'	14'	16'	18'	20'	22'	24'	26'	

### Chainwheel Operators

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CO-020	2	1	2	299	1109.79
CO-025	2-1/2	1	0	299	1109.79
CO-030	3	1	2	299	1183.77
CO-040	4	1	2	299	1183.77
CO-060	6	1	2	299	1183.77
CO-080	8	1	2	299	1183.77
CO-100	10	1	0	299	1701.66
CO-120	12	1	0	299	1701.66

### Lock-Link Chain for Chainwheel Operators (price per foot)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BC-1	BRASS	1	0	901	19.62
GC-1	HOT-DIP GALVANIZED	1	100	901	5.96



**Thermoplastic Valves  
Butterfly Valve Accessories & Repair Kits**



**Lock-Link Chain for Chainwheel Operators (price per foot) (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SC-1	STAINLESS STEEL	1	0	901	41.89

**Stem Extensions**



Valve not included

Basic Stem Extension height is 24" and is manufactured in standard 6" increments (heights less than 24" are at the same price). Intermediate Stem Extension heights are available and are priced to the next full 6" increment. Stem Extensions over 120" in height are manufactured and shipped in 2-piece sections. Please contact your servicing Spears® Regional Distribution Center.

For Wafer Style Butterfly Valves, replace the "BFSE" prefix with "BFSEW" in the part number (e.g., BFSEW-020-240). Pricing is as indicated.

Contact Spears® for pricing and availability on Stem Extensions for 14" & Larger Butterfly Valves.

**Stem Extensions**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BFSE-015-240	1-1/2X24	1	0	299	971.45
BFSE-015-300	1-1/2X30	1	0	299	1031.55
BFSE-015-360	1-1/2X36	1	0	299	1091.66
BFSE-015-420	1-1/2X42	1	0	299	1151.78
BFSE-015-480	1-1/2X48	1	0	299	1211.89
BFSE-015-540	1-1/2X54	1	0	299	1272.00
BFSE-015-600	1-1/2X60	1	0	299	1332.12
BFSE-015-660	1-1/2X66	1	0	299	1392.22
BFSE-015-720	1-1/2X72	1	0	299	1452.33
BFSE-015-780	1-1/2X78	1	0	299	1512.46
BFSE-015-840	1-1/2X84	1	0	299	1572.56
BFSE-015-900	1-1/2X90	1	0	299	1632.68
BFSE-015-960	1-1/2X96	1	0	299	1692.80
BFSE-015-1020	1-1/2X102	1	0	299	1752.90
BFSE-015-1080	1-1/2X108	1	0	299	1813.01
BFSE-015-1140	1-1/2X114	1	0	299	1873.12
BFSE-015-1200	1-1/2X120	1	0	299	1933.22
BFSE-020-240	2X24	1	0	299	971.45
BFSE-020-300	2X30	1	0	299	1031.55
BFSE-020-360	2X36	1	0	299	1091.66
BFSE-020-420	2X42	1	0	299	1151.78
BFSE-020-480	2X48	1	0	299	1211.89
BFSE-020-540	2X54	1	0	299	1272.00
BFSE-020-600	2X60	1	0	299	1332.12
BFSE-020-660	2X66	1	0	299	1392.22
BFSE-020-720	2X72	1	0	299	1452.33
BFSE-020-780	2X78	1	0	299	1512.43
BFSE-020-840	2X84	1	0	299	1572.56
BFSE-020-900	2X90	1	0	299	1632.68
BFSE-020-960	2X96	1	0	299	1692.80
BFSE-020-1020	2X102	1	0	299	1752.90
BFSE-020-1080	2X108	1	0	299	1813.01
BFSE-020-1140	2X114	1	0	299	1873.12
BFSE-020-1200	2X120	1	0	299	1933.22
BFSE-030-240	3X24	1	0	299	971.45
BFSE-030-300	3X30	1	0	299	1031.55
BFSE-030-360	3X36	1	0	299	1091.66

**Stem Extensions (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BFSE-030-420	3X42	1	0	299	1151.78
BFSE-030-480	3X48	1	0	299	1211.89
BFSE-030-540	3X54	1	0	299	1272.00
BFSE-030-600	3X60	1	0	299	1332.12
BFSE-030-660	3X66	1	0	299	1392.22
BFSE-030-720	3X72	1	0	299	1494.95
BFSE-030-780	3X78	1	0	299	1512.46
BFSE-030-840	3X84	1	0	299	1572.56
BFSE-030-900	3X90	1	0	299	1632.68
BFSE-030-960	3X96	1	0	299	1692.80
BFSE-030-1020	3X102	1	0	299	1752.90
BFSE-030-1080	3X108	1	0	299	1813.01
BFSE-030-1140	3X114	1	0	299	1873.12
BFSE-030-1200	3X120	1	0	299	1933.22
BFSE-040-240	4X24	1	0	299	971.45
BFSE-040-300	4X30	1	0	299	1052.83
BFSE-040-360	4X36	1	0	299	1091.66
BFSE-040-420	4X42	1	0	299	1017.71
BFSE-040-480	4X48	1	0	299	1211.89
BFSE-040-540	4X54	1	0	299	1272.00
BFSE-040-600	4X60	1	0	299	1332.12
BFSE-040-660	4X66	1	0	299	1392.22
BFSE-040-720	4X72	1	0	299	1452.33
BFSE-040-780	4X78	1	0	299	1512.46
BFSE-040-840	4X84	1	0	299	1572.56
BFSE-040-900	4X90	1	0	299	1632.68
BFSE-040-960	4X96	1	0	299	1692.80
BFSE-040-1020	4X102	1	0	299	1752.90
BFSE-040-1080	4X108	1	0	299	1813.01
BFSE-040-1140	4X114	1	0	299	1873.12
BFSE-040-1200	4X120	1	0	299	1933.22
BFSE-060-240	6X24	1	0	299	971.45
BFSE-060-300	6X30	1	0	299	1031.55
BFSE-060-360	6X36	1	0	299	1091.66
BFSE-060-420	6X42	1	0	299	1151.78
BFSE-060-480	6X48	1	0	299	1211.89
BFSE-060-540	6X54	1	0	299	1272.00
BFSE-060-600	6X60	1	0	299	1332.12
BFSE-060-660	6X66	1	0	299	1392.22
BFSE-060-720	6X72	1	0	299	1452.33
BFSE-060-780	6X78	1	0	299	1512.46
BFSE-060-840	6X84	1	0	299	1572.56
BFSE-060-900	6X90	1	0	299	1632.68
BFSE-060-960	6X96	1	0	299	1692.80
BFSE-060-1020	6X102	1	0	299	1915.71
BFSE-060-1080	6X108	1	0	299	2057.14
BFSE-060-1140	6X114	1	0	299	2075.05
BFSE-060-1200	6X120	1	0	299	2109.77
BFSE-080-240	8X24	1	0	299	971.45
BFSE-080-300	8X30	1	0	299	1031.55
BFSE-080-360	8X36	1	0	299	1091.66
BFSE-080-420	8X42	1	0	299	1151.78
BFSE-080-480	8X48	1	0	299	1211.89
BFSE-080-540	8X54	1	0	299	1272.00
BFSE-080-600	8X60	1	0	299	1332.12
BFSE-080-660	8X66	1	0	299	1392.22
BFSE-080-720	8X72	1	0	299	1452.33
BFSE-080-780	8X78	1	0	299	1512.46
BFSE-080-840	8X84	1	0	299	1572.56
BFSE-080-900	8X90	1	0	299	1632.68
BFSE-080-960	8X96	1	0	299	1692.80
BFSE-080-1020	8X102	1	0	299	2009.91
BFSE-080-1080	8X108	1	0	299	2095.19
BFSE-080-1140	8X114	1	0	299	2132.99
BFSE-080-1200	8X120	1	0	299	2281.80
BFSE-100-240	10X24	1	0	299	1359.34



## Thermoplastic Valves Butterfly Valve Accessories & Repair Kits

### Stem Extensions (continued) Butterfly Valve Seat Repair Kits

#### Important Repair & Overhaul Kit Ordering Note

Ongoing Butterfly Valve design improvements have resulted in variations to repair kits. Standard cataloged kits are for current 72 part number series, dry-stem type valve revision. Kits for previous revisions are available and can be determined by valve serial number. When ordering kits, please specify valve size, material (PVC, CPVC, PP), Standard, Lug or True Lug type valve, Buna-N, EPDM or Viton® elastomer material, and valve serial number stamped on the bottom of the valve body to insure proper kit selection. Stainless Steel Stems are normally not replaced, but can be ordered separately on request.

Seat Repair Kits for Standard Valve include:

- 1-Seat
- 1-Seat Carrier

Repair Kits for Wafer Valve include:

- 1-Seat
- 2-Flange Gaskets

Seat Repair Kits for 14" & Larger Valves include:

- 1-Seat

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BFSE-100-300	10X30	1	0	299	1448.67
BFSE-100-360	10X36	1	0	299	1560.50
BFSE-100-420	10X42	1	0	299	1613.43
BFSE-100-480	10X48	1	0	299	1779.36
BFSE-100-540	10X54	1	0	299	1945.27
BFSE-100-600	10X60	1	0	299	2111.16
BFSE-100-660	10X66	1	0	299	2277.09
BFSE-100-720	10X72	1	0	299	2443.01
BFSE-100-780	10X78	1	0	299	2608.91
BFSE-100-840	10X84	1	0	299	2774.82
BFSE-100-900	10X90	1	0	299	2940.77
BFSE-100-960	10X96	1	0	299	3106.64
BFSE-100-1020	10X102	1	0	299	3272.56
BFSE-100-1080	10X108	1	0	299	3438.47
BFSE-100-1140	10X114	1	0	299	3604.38
BFSE-100-1200	10X120	1	0	299	3770.29
BFSE-120-240	12X24	1	0	299	2351.06
BFSE-120-300	12X30	1	0	299	2411.45
BFSE-120-360	12X36	1	0	299	2483.16
BFSE-120-420	12X42	1	0	299	2567.68
BFSE-120-480	12X48	1	0	299	2709.56
BFSE-120-540	12X54	1	0	299	2709.47
BFSE-120-600	12X60	1	0	299	2794.33
BFSE-120-720	12X72	1	0	299	2964.89
BFSE-120-780	12X78	1	0	299	3040.99
BFSE-120-840	12X84	1	0	299	3106.44
BFSE-120-900	12X90	1	0	299	3106.64
BFSE-120-960	12X96	1	0	299	3292.84
BFSE-120-1020	12X102	1	0	299	3272.56
BFSE-120-1080	12X108	1	0	299	3438.47
BFSE-120-1140	12X114	1	0	299	3604.38
BFSE-120-1200	12X120	1	0	299	3770.29

### PVC Standard Valve Seat Repair Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BRK-015 18.43	BF-ERK-015 18.47	BF-VRK-015 109.22	1	10	299
2	BF-BRK-020 19.26	BF-ERK-020 19.79	BF-VRK-020 115.35	1	10	299
2-1/2	BF-BRK-025 20.34	BF-ERK-025 20.37	BF-VRK-025 124.67	1	10	299
3	BF-BRK-030 21.17	BF-ERK-030 23.54	BF-VRK-030 134.27	1	10	299
4	BF-BRK-040 32.84	BF-ERK-040 36.51	BF-VRK-040 162.81	1	10	299
6	BF-BRK-060 70.01	BF-ERK-060 77.78	BF-VRK-060 417.45	1	10	299
8	BF-BRK-080 87.53	BF-ERK-080 97.23	BF-VRK-080 478.36	1	5	299
10	BF-BRK-100 114.91	BF-ERK-100 127.69	BF-VRK-100 573.10	1	10	299

### PVC Standard Valve Seat Repair Kits (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
12	BF-BRK-120 156.64	BF-ERK-120 174.06	BF-VRK-120 673.12	1	10	299

### CPVC Standard Valve Seat Repair Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BRK-015C 18.95	BF-ERK-015C 21.30	BF-VRK-015C 119.07	1	10	299
2	BF-BRK-020C 19.55	BF-ERK-020C 22.29	BF-VRK-020C 126.49	1	10	299
2-1/2	BF-BRK-025C 21.27	BF-ERK-025C 24.00	BF-VRK-025C 136.46	1	10	299
3	BF-BRK-030C 23.33	BF-ERK-030C 25.91	BF-VRK-030C 147.68	1	10	299
4	BF-BRK-040C 36.14	BF-ERK-040C 40.15	BF-VRK-040C 179.09	1	10	299
6	BF-BRK-060C 76.99	BF-ERK-060C 85.53	BF-VRK-060C 459.16	1	10	299
8	BF-BRK-080C 95.55	BF-ERK-080C 106.18	BF-VRK-080C 526.18	1	5	299
10	BF-BRK-100C 126.43	BF-ERK-100C 140.47	BF-VRK-100C 630.36	1	10	299
12	BF-BRK-120C 172.33	BF-ERK-120C 191.46	BF-VRK-120C 740.40	1	10	299

### PP Standard Valve Seat Repair Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BRK-015P 19.47	BF-ERK-015P 22.41	BF-VRK-015P 125.65	1	10	299
2	BF-BRK-020P 20.61	BF-ERK-020P 23.93	BF-VRK-020P 131.71	1	10	299
2-1/2	BF-BRK-025P 23.69	BF-ERK-025P 25.83	BF-VRK-025P 139.79	1	10	299
3	BF-BRK-030P 25.39	BF-ERK-030P 27.52	BF-VRK-030P 156.79	1	10	299
4	BF-BRK-040P 37.65	BF-ERK-040P 43.07	BF-VRK-040P 186.76	1	10	299
6	BF-BRK-060P 79.82	BF-ERK-060P 92.73	BF-VRK-060P 469.93	1	10	299
8	BF-BRK-080P 117.68	BF-ERK-080P 131.06	BF-VRK-080P 553.07	1	10	299
10	BF-BRK-100P 136.86	BF-ERK-100P 156.49	BF-VRK-100P 640.37	1	10	299
12	BF-BRK-120P 212.07	BF-ERK-120P 236.00	BF-VRK-120P 764.02	1	10	299
14	---	BF-ERK-140P 1388.31	BF-VRK-140P 5647.04	1	15	299
16	---	BF-ERK-160P 2313.85	BF-VRK-160P 6415.62	1	15	299
18	---	BF-ERK-180P 3126.82	BF-VRK-180P 7546.22	1	15	299
20	---	BF-ERK-200P 3513.16	BF-VRK-200P 8982.21	1	15	299
24	---	BF-ERK-240P 5017.59	BF-VRK-240P 11974.67	1	15	299

### PVC & CPVC Wafer Butterfly Valve Repair Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	BFW-BRK-020 13.48	BFW-ERK-020 13.85	BFW-VRK-020 80.75	1	10	299
2-1/2	BFW-BRK-025 14.24	BFW-ERK-025 14.26	BFW-VRK-025 87.27	1	10	299
3	BFW-BRK-030 14.82	BFW-ERK-030 16.48	BFW-VRK-030 93.99	1	10	299
4	BFW-BRK-040 22.99	BFW-ERK-040 25.56	BFW-VRK-040 113.97	1	10	299
6	BFW-BRK-060 49.01	BFW-ERK-060 54.45	BFW-VRK-060 292.22	1	10	299
8	BFW-BRK-080 61.27	BFW-ERK-080 68.06	BFW-VRK-080 334.85	1	10	299

## Thermoplastic Valves Butterfly Valve Accessories & Repair Kits



### Standard Valve Overhaul Kits

Standard Valve Overhaul Kits include:

- |                      |                     |
|----------------------|---------------------|
| 1-Seat               | 1-Seal Carrier      |
| 1-Disc Timing Stop   | 1-Stem Nut          |
| 1-Stem Bushing       | 1-Hex Washer        |
| 1-Lower Stem Bearing | 1-Round Washer      |
| 2-Stem O-rings       | 2-Bushing O-rings   |
| 1-Upper Disc O-ring  | 1-Lower Disc O-ring |

Kits with Disc option include additional replacement Disc

### PVC Standard Valve Overhaul Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BOK-015 31.87	BF-EOK-015 36.12	BF-VOK-015 119.55	1	10	299
2	BF-BOK-020 41.31	BF-EOK-020 50.21	BF-VOK-020 135.66	1	10	299
2-1/2	BF-BOK-025 45.95	BF-EOK-025 60.93	BF-VOK-025 145.02	1	10	299
3	BF-BOK-030 54.06	BF-EOK-030 65.91	BF-VOK-030 158.99	1	10	299
4	BF-BOK-040 60.94	BF-EOK-040 76.48	BF-VOK-040 184.78	1	10	299
6	BF-BOK-060 84.67	BF-EOK-060 93.15	BF-VOK-060 452.22	1	10	299
8	BF-BOK-080 106.69	BF-EOK-080 133.68	BF-VOK-080 515.18	1	10	299
10	BF-BOK-100 153.24	BF-EOK-100 180.04	BF-VOK-100 593.59	1	10	299
12	BF-BOK-120 179.60	BF-EOK-120 207.38	BF-VOK-120 776.70	1	10	299

### CPVC Standard Valve Overhaul Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BOK-015C 38.60	BF-EOK-015C 42.06	BF-VOK-015C 138.41	1	10	299
2	BF-BOK-020C 48.53	BF-EOK-020C 61.16	BF-VOK-020C 153.34	1	10	299
2-1/2	BF-BOK-025C 60.34	BF-EOK-025C 66.21	BF-VOK-025C 163.96	1	10	299
3	BF-BOK-030C 68.65	BF-EOK-030C 76.77	BF-VOK-030C 177.54	1	10	299
4	BF-BOK-040C 75.71	BF-EOK-040C 94.54	BF-VOK-040C 209.17	1	10	299
6	BF-BOK-060C 108.15	BF-EOK-060C 119.96	BF-VOK-060C 540.72	1	10	299
8	BF-BOK-080C 120.80	BF-EOK-080C 146.94	BF-VOK-080C 600.94	1	10	299
10	BF-BOK-100C 172.84	BF-EOK-100C 202.62	BF-VOK-100C 674.60	1	10	299
12	BF-BOK-120C 224.37	BF-EOK-120C 260.61	BF-VOK-120C 859.81	1	10	299

### PP Standard Valve Overhaul Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BOK-015P 40.19	BF-EOK-015P 43.95	BF-VOK-015P 143.04	1	10	299
2	BF-BOK-020P 51.48	BF-EOK-020P 54.63	BF-VOK-020P 157.80	1	10	299
2-1/2	BF-BOK-025P 64.60	BF-EOK-025P 77.27	BF-VOK-025P 174.44	1	10	299
3	BF-BOK-030P 85.00	BF-EOK-030P 96.06	BF-VOK-030P 196.31	1	10	299
4	BF-BOK-040P 91.45	BF-EOK-040P 102.51	BF-VOK-040P 231.68	1	10	299
6	BF-BOK-060P 113.19	BF-EOK-060P 136.46	BF-VOK-060P 569.33	1	10	299
8	BF-BOK-080P 136.55	BF-EOK-080P 168.16	BF-VOK-080P 615.01	1	10	299
10	BF-BOK-100P 184.74	BF-EOK-100P 219.11	BF-VOK-100P 730.37	1	10	299

### PP Standard Valve Overhaul Kits (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
12	BF-BOK-120P 253.96	BF-EOK-120P 277.68	BF-VOK-120P 895.50	1	10	299
14	---	BF-EOK-140P 1633.35	BF-VOK-140P 6136.93	1	15	299
16	---	BF-EOK-160P 2677.62	BF-VOK-160P 6904.33	1	15	299
18	---	BF-EOK-180P 3570.09	BF-VOK-180P 9203.97	1	15	299
20	---	BF-EOK-200P 4010.36	BF-VOK-200P 10957.01	1	15	299
24	---	BF-EOK-240P 5727.18	BF-VOK-240P 14608.22	1	15	299

### PVC Standard Valve Overhaul Kits with Disc

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BOKD-015 40.93	BF-EOKD-015 45.17	BF-VOKD-015 127.59	1	10	299
2	BF-BOKD-020 56.89	BF-EOKD-020 67.10	BF-VOKD-020 157.51	1	10	299
2-1/2	BF-BOKD-025 59.85	BF-EOKD-025 73.38	BF-VOKD-025 170.01	1	10	299
3	BF-BOKD-030 64.88	BF-EOKD-030 93.01	BF-VOKD-030 192.41	1	10	299
4	BF-BOKD-040 71.23	BF-EOKD-040 102.61	BF-VOKD-040 230.66	1	10	299
6	BF-BOKD-060 108.23	BF-EOKD-060 121.67	BF-VOKD-060 508.55	1	10	299
8	BF-BOKD-080 143.16	BF-EOKD-080 195.59	BF-VOKD-080 570.46	1	10	299
10	BF-BOKD-100 244.70	BF-EOKD-100 277.31	BF-VOKD-100 630.81	1	10	299
12	BF-BOKD-120 300.11	BF-EOKD-120 319.50	BF-VOKD-120 829.79	1	10	299

### CPVC Standard Valve Overhaul Kits with Disc

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BOKD-015C 44.21	BF-EOKD-015C 47.22	BF-VOKD-015C 144.04	1	10	299
2	BF-BOKD-020C 67.60	BF-EOKD-020C 77.07	BF-VOKD-020C 162.89	1	10	299
2-1/2	BF-BOKD-025C 74.12	BF-EOKD-025C 103.71	BF-VOKD-025C 187.19	1	10	299
3	BF-BOKD-030C 81.95	BF-EOKD-030C 107.40	BF-VOKD-030C 222.02	1	10	299
4	BF-BOKD-040C 87.27	BF-EOKD-040C 112.12	BF-VOKD-040C 285.29	1	10	299
6	BF-BOKD-060C 113.66	BF-EOKD-060C 141.46	BF-VOKD-060C 603.19	1	10	299
8	BF-BOKD-080C 172.59	BF-EOKD-080C 205.12	BF-VOKD-080C 648.24	1	10	299
10	BF-BOKD-100C 275.37	BF-EOKD-100C 305.20	BF-VOKD-100C 729.86	1	10	299
12	BF-BOKD-120C 318.29	BF-EOKD-120C 337.95	BF-VOKD-120C 937.95	1	10	299

### PP Standard Valve Overhaul Kits with Disc

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BF-BOKD-015P 44.52	BF-EOKD-015P 51.77	BF-VOKD-015P 163.46	1	10	299
2	BF-BOKD-020P 71.79	BF-EOKD-020P 80.37	BF-VOKD-020P 184.70	1	10	299
2-1/2	BF-BOKD-025P 77.44	BF-EOKD-025P 117.40	BF-VOKD-025P 210.57	1	10	299
3	BF-BOKD-030P 83.83	BF-EOKD-030P 122.16	BF-VOKD-030P 246.38	1	10	299
4	BF-BOKD-040P 90.39	BF-EOKD-040P 127.69	BF-VOKD-040P 303.03	1	10	299
6	BF-BOKD-060P 118.38	BF-EOKD-060P 154.64	BF-VOKD-060P 644.76	1	10	299
8	BF-BOKD-080P 192.01	BF-EOKD-080P 224.51	BF-VOKD-080P 693.30	1	10	299
10	BF-BOKD-100P 293.67	BF-EOKD-100P 327.43	BF-VOKD-100P 787.83	1	10	299



## Thermoplastic Valves Butterfly Valve Accessories & Repair Kits

### PP Standard Valve Overhaul Kits with Disc (continued)

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
12	BF-BOKD-120P 329.67	BF-EOKD-120P 346.69	BF-VOKD-120P 1010.04	1	10	299
14	---	BF-EOKD-140P 2039.41	BF-VOKD-140P 6409.43	1	0	299
16	---	BF-EOKD-160P 3341.73	BF-VOKD-160P 7236.04	1	0	299
18	---	BF-EOKD-180P 4455.54	BF-VOKD-180P 9646.79	1	0	299
20	---	BF-EOKD-200P 5005.56	BF-VOKD-200P 11484.26	1	0	299
24	---	BF-EOKD-240P 7150.36	BF-VOKD-240P 15312.29	1	0	299

### Wafer Butterfly Valve Overhaul Kits

Wafer Valve Overhaul Kits include:

- 1-Seat
- 2-Flange Gaskets
- 2-Stem Bushing O-rings
- 2-Stem Bushing Washers
- 2-Stem Bushings

Kits with Disc option include additional replacement Disc

### PVC & CPVC Wafer Butterfly Valve Overhaul Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	BFW-BOK-020 28.92	BFW-EOK-020 35.15	BFW-VOK-020 94.96	1	10	299
2-1/2	BFW-BOK-025 32.17	BFW-EOK-025 42.65	BFW-VOK-025 101.51	1	10	299
3	BFW-BOK-030 37.84	BFW-EOK-030 46.14	BFW-VOK-030 111.29	1	10	299
4	BFW-BOK-040 42.66	BFW-EOK-040 53.54	BFW-VOK-040 129.35	1	10	299
6	BFW-BOK-060 59.27	BFW-EOK-060 65.21	BFW-VOK-060 316.55	1	10	299
8	BFW-BOK-080 74.68	BFW-EOK-080 93.58	BFW-VOK-080 360.63	1	10	299

### PVC Wafer Butterfly Valve Overhaul Kits with Disc

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	BFW-BOKD-020 39.82	BFW-EOKD-020 46.97	BFW-VOKD-020 110.26	1	10	299
2-1/2	BFW-BOKD-025 41.90	BFW-EOKD-025 51.37	BFW-VOKD-025 119.01	1	10	299
3	BFW-BOKD-030 45.42	BFW-EOKD-030 65.11	BFW-VOKD-030 134.69	1	10	299
4	BFW-BOKD-040 49.86	BFW-EOKD-040 71.83	BFW-VOKD-040 161.46	1	10	299
6	BFW-BOKD-060 75.76	BFW-EOKD-060 85.17	BFW-VOKD-060 355.99	1	10	299
8	BFW-BOKD-080 100.21	BFW-EOKD-080 136.91	BFW-VOKD-080 399.32	1	10	299

### CPVC Wafer Butterfly Valve Overhaul Kits with Disc

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	BFW-EOKD-020C 53.95	BFW-VOKD-020C 114.02	1	10	299
2-1/2	BFW-EOKD-025C 72.60	BFW-VOKD-025C 131.03	1	10	299
3	BFW-EOKD-030C 75.18	BFW-VOKD-030C 155.41	1	10	299
4	BFW-EOKD-040C 78.48	BFW-VOKD-040C 199.70	1	10	299
6	BFW-EOKD-060C 99.02	BFW-VOKD-060C 422.23	1	10	299

### CPVC Wafer Butterfly Valve Overhaul Kits with Disc (continued)

### PVC True Lug Valve Overhaul Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
8	BFW-EOKD-080C 143.58	BFW-VOKD-080C 453.77	1	10	299

True Lug Valve Overhaul Kits include:

- 1-Seat
- 1-Disc Timing Stop
- 1-Stem Bushing
- 1-Lower Stem Bearing
- 2-Stem O-rings
- 1-Upper Disc O-ring
- 1-Seal Carrier Flange O-ring
- 1-Seal Carrier
- 1-Stem Nut
- 1-Hex Washer
- 1-Round Washer
- 2-Bushing O-rings
- 1-Lower Disc O-ring

Kits with Disc option include additional replacement Disc

### PVC True Lug Valve Overhaul Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BFT-BOK-015 32.83	BFT-EOK-015 37.23	BFT-VOK-015 123.27	1	10	299
2	BFT-BOK-020 42.53	BFT-EOK-020 51.72	BFT-VOK-020 139.86	1	10	299
2-1/2	BFT-BOK-025 47.45	BFT-EOK-025 62.82	BFT-VOK-025 149.52	1	10	299
3	BFT-BOK-030 55.74	BFT-EOK-030 67.94	BFT-VOK-030 163.89	1	10	299
4	BFT-BOK-040 62.83	BFT-EOK-040 78.86	BFT-VOK-040 190.48	1	10	299
6	BFT-BOK-060 87.28	BFT-EOK-060 95.72	BFT-VOK-060 466.20	1	10	299
8	BFT-BOK-080 109.98	BFT-EOK-080 137.82	BFT-VOK-080 531.14	1	10	299
10	BFT-BOK-100 158.00	BFT-EOK-100 185.61	BFT-VOK-100 626.63	1	10	299
12	BFT-BOK-120 185.04	BFT-EOK-120 213.80	BFT-VOK-120 800.71	1	15	299

### CPVC True Lug Valve Overhaul Kits

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BFT-BOK-015C 39.76	BFT-EOK-015C 43.36	BFT-VOK-015C 142.69	1	10	299
2	BFT-BOK-020C 50.02	BFT-EOK-020C 63.06	BFT-VOK-020C 158.09	1	10	299
2-1/2	BFT-BOK-025C 62.21	BFT-EOK-025C 68.29	BFT-VOK-025C 169.01	1	10	299
3	BFT-BOK-030C 70.77	BFT-EOK-030C 79.15	BFT-VOK-030C 183.03	1	10	299
4	BFT-BOK-040C 78.06	BFT-EOK-040C 97.48	BFT-VOK-040C 215.62	1	10	299
6	BFT-BOK-060C 111.45	BFT-EOK-060C 123.68	BFT-VOK-060C 557.41	1	10	299
8	BFT-BOK-080C 124.53	BFT-EOK-080C 151.47	BFT-VOK-080C 619.52	1	10	299
10	BFT-BOK-100C 178.21	BFT-EOK-100C 207.24	BFT-VOK-100C 695.45	1	10	299
12	BFT-BOK-120C 231.34	BFT-EOK-120C 283.01	BFT-VOK-120C 886.40	1	15	299

### PVC True Lug Valve Overhaul Kits with Disc

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BFT-BOKD-015 42.19	BFT-EOKD-015 46.56	BFT-VOKD-015 131.48	1	10	299
2	BFT-BOKD-020 58.64	BFT-EOKD-020 69.17	BFT-VOKD-020 162.39	1	10	299
2-1/2	BFT-BOKD-025 61.68	BFT-EOKD-025 75.68	BFT-VOKD-025 175.29	1	10	299
3	BFT-BOKD-030 66.88	BFT-EOKD-030 95.84	BFT-VOKD-030 198.37	1	10	299
4	BFT-BOKD-040 73.43	BFT-EOKD-040 105.79	BFT-VOKD-040 237.78	1	10	299
6	BFT-BOKD-060 111.60	BFT-EOKD-060 125.30	BFT-VOKD-060 524.30	1	10	299

**Thermoplastic Valves  
Butterfly Valve Accessories & Repair Kits**



**PVC True Lug Valve Overhaul Kits with Disc (continued)**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
8	BFT-BOKD-080 147.59	BFT-EOKD-080 170.35	BFT-VOKD-080 588.10	1	10	299
10	BFT-BOKD-100 252.28	BFT-EOKD-100 285.88	BFT-VOKD-100 650.32	1	10	299
12	BFT-BOKD-120 309.39	BFT-EOKD-120 329.38	BFT-VOKD-120 855.48	1	10	299

**CPVC True Lug Valve Overhaul Kits with Disc**

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2	BFT-BOKD-015C 45.54	BFT-EOKD-015C 48.71	BFT-VOKD-015C 148.46	1	10	299
2	BFT-BOKD-020C 69.67	BFT-EOKD-020C 79.46	BFT-VOKD-020C 167.95	1	10	299
2-1/2	BFT-BOKD-025C 76.40	BFT-EOKD-025C 106.93	BFT-VOKD-025C 193.73	1	10	299
3	BFT-BOKD-030C 84.47	BFT-EOKD-030C 110.78	BFT-VOKD-030C 228.87	1	10	299
4	BFT-BOKD-040C 89.99	BFT-EOKD-040C 115.57	BFT-VOKD-040C 294.12	1	10	299
6	BFT-BOKD-060C 117.17	BFT-EOKD-060C 145.88	BFT-VOKD-060C 621.86	1	10	299
8	BFT-BOKD-080C 177.95	BFT-EOKD-080C 211.45	BFT-VOKD-080C 668.30	1	10	299
10	BFT-BOKD-100C 283.90	BFT-EOKD-100C 314.62	BFT-VOKD-100C 753.06	1	10	299
12	BFT-BOKD-120C 328.13	BFT-EOKD-120C 348.39	BFT-VOKD-120C 966.96	1	10	299

**Contact Spears® for pricing on the following additional accessories:**

- PTFE Seat Sleeves
- PTFE Coated Valve Stems





## Thermoplastic Valves Globe Valves



**Pressure Rating @ 73°F (23°C), Water**  
 2-1/2" - 6" 150 psi  
**Maximum Service Temperature**  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
**Temperature/Pressure De-ratings Apply**  
**All Valves Assembled with Silicone-Free,**  
**Water Soluble Lubricant**  
**Suitable for Vacuum Service**

Internal Repair Kit includes 1-Bonnet O-ring along with a factory assembled (required) internal component replacement unit consisting of Bonnet assembled with Stem/O-rings, Seat & Seal Carrier components. Install in valve using existing valve Bolts/Nuts/Washers, and Handle/Nut.

### PVC Flanged Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	6013-025	6023-025	6033-025	1	0	620
	<b>577.86</b>	<b>611.54</b>	<b>658.81</b>			
3	6013-030	6023-030	6033-030	1	0	620
	<b>662.40</b>	<b>691.74</b>	<b>769.81</b>			
4	6013-040	6023-040	6033-040	1	0	620
	<b>751.49</b>	<b>898.36</b>	<b>987.12</b>			
6	6013-060	6023-060	6033-060	1	0	620
	<b>1155.72</b>	<b>1381.97</b>	<b>1409.51</b>			

### CPVC Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	6023-025C	6033-025C	1	0	622
	<b>927.20</b>	<b>973.79</b>			
3	6023-030C	6033-030C	1	0	622
	<b>973.34</b>	<b>1082.02</b>			
4	6023-040C	6033-040C	1	0	622
	<b>1264.14</b>	<b>1389.64</b>			
6	6023-060C	6033-060C	1	0	622
	<b>1968.31</b>	<b>1984.96</b>			

### PVC Internal Repair Kit

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	GL-BRK-025	GL-ERK-025	GL-VRK-025	1	0	299
	<b>192.23</b>	<b>464.95</b>	<b>517.13</b>			
3	GL-BRK-030	GL-ERK-030	GL-VRK-030	1	0	299
	<b>214.23</b>	<b>515.16</b>	<b>574.20</b>			
4	GL-BRK-040	GL-ERK-040	GL-VRK-040	1	0	299
	<b>251.35</b>	<b>604.11</b>	<b>664.20</b>			
6	GL-BRK-060	GL-ERK-060	GL-VRK-060	1	0	299
	<b>547.67</b>	<b>928.30</b>	<b>947.30</b>			

### CPVC Internal Repair Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	GL-ERK-025C	GL-VRK-025C	1	0	299
	<b>654.71</b>	<b>727.47</b>			
3	GL-ERK-030C	GL-VRK-030C	1	0	299
	<b>748.96</b>	<b>822.46</b>			
4	GL-ERK-040C	GL-VRK-040C	1	0	299
	<b>849.24</b>	<b>934.62</b>			
6	GL-ERK-060C	GL-VRK-060C	1	0	299
	<b>1212.97</b>	<b>1334.74</b>			



## Thermoplastic Valves Needle Valves



Pressure Rating @ 73°F (23°C), Water  
 PVC or CPVC 235 psi  
 PP 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 PP = 180°F (82°C)  
 Solid PTFE Stem Seals  
 No Elastomer or Lubricants used  
 Valves include Panel Mounting Nut

### PVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
------	----------	--------	-------------	--------	---------	-----------

#### Globe Pattern

1/4	5591-002 67.71	5592-002 67.71	---	1	18	218
3/8	5591-003 67.71	5592-003 67.71	5591-003SR 61.76	1	18	218
1/2	5591-005 75.15	5592-005 75.15	5591-005SR 77.17	1	18	218

#### Angle Pattern

1/4	5691-002 67.71	5692-002 67.71	---	1	18	218
3/8	5691-003 67.71	5692-003 67.71	---	1	18	218
1/2	5691-005 75.15	5692-005 75.15	5691-005SR 77.17	1	18	218

### CPVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
------	----------	--------	-------------	--------	---------	-----------

#### Globe Pattern

1/4	5591-002C 79.74	5592-002C 79.74	---	1	18	219
3/8	5591-003C 79.74	5592-003C 79.74	5591-003CSR 79.56	1	18	219
1/2	5591-005C 84.33	5592-005C 84.33	5591-005CSR 86.49	1	18	219

#### Angle Pattern

1/4	5691-002C 79.74	5692-002C 79.74	---	1	18	219
3/8	5691-003C 79.74	5692-003C 79.74	---	1	18	219
1/2	5691-005C 84.33	5692-005C 84.33	5691-005CSR 86.49	1	18	219

### PP Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
------	----------	--------	-------------	--------	---------	-----------

#### Globe Pattern

1/4	5591-002P 74.61	---	---	1	18	219
3/8	5591-003P 74.61	---	---	1	18	219
1/2	---	---	5591-005PSR 82.51	1	18	219

#### Angle Pattern

1/4	5691-002P 74.61	---	---	1	18	219
3/8	5691-003P 74.61	---	---	1	18	219
1/2	---	---	5691-005PSR 82.51	1	18	219



## Thermoplastic Valves Diaphragm Valves



Socket/Threaded Style



Flanged Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" 235 psi  
 1/2" - 4" Flanged  
 & Valves w/PTFE 150 psi  
 Diaphragms  
 6" 100 psi  
 8" 75 psi

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply  
 No Lubricants in Media Contact Area  
 See Diaphragm Valve Repair Kits Section  
 for Additional Options and Features

Contact Spears® for Pricing on  
 Additional Specialty Diaphragms

- Hypalon®
- Hypalon® backed PTFE
- PTFE Encapsulated O-rings  
(for True Union Style Valves)



Spigot Style



PP Thread Style

### PVC - Socket Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2729-005 <b>131.26</b>	2739-005 <b>145.84</b>	2729T-005 <b>209.22</b>	2739T-005 <b>232.14</b>	2739VT-005 <b>286.34</b>	1	12	270
<b>3/4</b>	2729-007 <b>148.98</b>	2739-007 <b>165.55</b>	2729T-007 <b>223.43</b>	2739T-007 <b>250.72</b>	2739VT-007 <b>309.55</b>	1	8	270
<b>1</b>	2729-010 <b>183.61</b>	2739-010 <b>201.76</b>	2729T-010 <b>322.33</b>	2739T-010 <b>334.12</b>	2739VT-010 <b>394.32</b>	1	8	270
<b>1-1/4</b>	2729-012 <b>274.85</b>	2739-012 <b>326.80</b>	2729T-012 <b>443.12</b>	2739T-012 <b>469.70</b>	2739VT-012 <b>531.44</b>	1	4	270
<b>1-1/2</b>	2729-015 <b>288.90</b>	2739-015 <b>334.33</b>	2729T-015 <b>473.06</b>	2739T-015 <b>496.73</b>	2739VT-015 <b>550.78</b>	1	4	270
<b>2</b>	2729-020 <b>341.79</b>	2739-020 <b>405.04</b>	2729T-020 <b>539.43</b>	2739T-020 <b>566.53</b>	2739VT-020 <b>690.85</b>	1	0	270

### PVC - SR Threaded Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2721-005SR <b>131.26</b>	2731-005SR <b>145.84</b>	2721T-005SR <b>209.22</b>	2731T-005SR <b>232.14</b>	2731VT-005SR <b>286.34</b>	1	12	270
<b>3/4</b>	2721-007SR <b>148.98</b>	2731-007SR <b>165.55</b>	2721T-007SR <b>223.43</b>	2731T-007SR <b>250.72</b>	2731VT-007SR <b>309.55</b>	1	8	270
<b>1</b>	2721-010SR <b>183.61</b>	2731-010SR <b>201.76</b>	2721T-010SR <b>322.33</b>	2731T-010SR <b>334.12</b>	2731VT-010SR <b>394.32</b>	1	8	270
<b>1-1/4</b>	2721-012SR <b>274.85</b>	2731-012SR <b>326.80</b>	2721T-012SR <b>443.12</b>	2731T-012SR <b>469.70</b>	2731VT-012SR <b>531.44</b>	1	4	270
<b>1-1/2</b>	2721-015SR <b>288.90</b>	2731-015SR <b>334.33</b>	2721T-015SR <b>473.06</b>	2731T-015SR <b>496.73</b>	2731VT-015SR <b>550.78</b>	1	4	270
<b>2</b>	2721-020SR <b>341.79</b>	2731-020SR <b>405.04</b>	2721T-020SR <b>539.43</b>	2731T-020SR <b>566.53</b>	2731VT-020SR <b>690.85</b>	1	0	270

### PVC - Spigot Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2727-005 <b>127.96</b>	2737-005 <b>142.16</b>	2797T-005 <b>202.02</b>	2797VT-005 <b>233.82</b>	1	12	270
<b>3/4</b>	2727-007 <b>144.17</b>	2737-007 <b>159.55</b>	2797T-007 <b>215.56</b>	2797VT-007 <b>256.72</b>	1	8	270
<b>1</b>	2727-010 <b>178.94</b>	2737-010 <b>194.87</b>	2797T-010 <b>314.69</b>	2797VT-010 <b>366.35</b>	1	8	270
<b>1-1/4</b>	2727-012 <b>266.05</b>	2737-012 <b>320.47</b>	2797T-012 <b>432.82</b>	2797VT-012 <b>480.89</b>	1	4	270
<b>1-1/2</b>	2727-015 <b>281.69</b>	2737-015 <b>325.97</b>	2797T-015 <b>461.30</b>	2797VT-015 <b>526.90</b>	1	4	270
<b>2</b>	2727-020 <b>331.18</b>	2737-020 <b>391.06</b>	2797T-020 <b>523.24</b>	2797VT-020 <b>644.09</b>	1	0	270

## Thermoplastic Valves Diaphragm Valves



### PVC - Flanged Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2723-005 <b>209.59</b>	2733-005 <b>226.89</b>	2793T-005 <b>286.34</b>	2793VT-005 <b>314.31</b>	4	0	270
<b>3/4</b>	2723-007 <b>235.51</b>	2733-007 <b>241.47</b>	2793T-007 <b>309.55</b>	2793VT-007 <b>349.21</b>	4	0	270
<b>1</b>	2723-010 <b>264.96</b>	2733-010 <b>296.32</b>	2793T-010 <b>394.32</b>	2793VT-010 <b>442.23</b>	4	0	270
<b>1-1/4</b>	2723-012 <b>359.91</b>	2733-012 <b>398.44</b>	2793T-012 <b>531.44</b>	2793VT-012 <b>586.63</b>	1	4	270
<b>1-1/2</b>	2723-015 <b>364.22</b>	2733-015 <b>406.63</b>	2793T-015 <b>550.78</b>	2793VT-015 <b>612.03</b>	1	4	270
<b>2</b>	2723-020 <b>432.93</b>	2733-020 <b>463.14</b>	2793T-020 <b>617.71</b>	2793VT-020 <b>706.19</b>	1	0	270
<b>2-1/2</b>	2723-025 <b>604.73</b>	2733-025 <b>691.23</b>	2793T-025 <b>955.18</b>	2793VT-025 <b>1094.04</b>	1	0	271
<b>3</b>	2723-030 <b>808.54</b>	2733-030 <b>898.44</b>	2793T-030 <b>1252.55</b>	2793VT-030 <b>1385.94</b>	1	0	271
<b>4</b>	2723-040 <b>1120.00</b>	2733-040 <b>1221.34</b>	2793T-040 <b>1735.76</b>	2793VT-040 <b>1928.56</b>	1	0	271
<b>6</b>	2723-060 <b>2705.80</b>	2733-060 <b>3167.98</b>	2793T-060 <b>4494.84</b>	2793VT-060 <b>4939.44</b>	1	0	271
<b>8</b>	2723-080 <b>5410.06</b>	2733-080 <b>5700.85</b>	2793T-080 <b>6670.97</b>	2793VT-080 <b>7494.49</b>	1	0	271

### CPVC - Socket Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2729-005C <b>232.39</b>	2739-005C <b>297.83</b>	2729T-005C <b>334.05</b>	2739T-005C <b>359.62</b>	2739VT-005C <b>397.76</b>	1	12	272
<b>3/4</b>	2729-007C <b>258.64</b>	2739-007C <b>317.54</b>	2729T-007C <b>368.93</b>	2739T-007C <b>385.63</b>	2739VT-007C <b>426.53</b>	1	8	272
<b>1</b>	2729-010C <b>298.51</b>	2739-010C <b>386.12</b>	2729T-010C <b>448.55</b>	2739T-010C <b>467.90</b>	2739VT-010C <b>513.88</b>	1	8	272
<b>1-1/4</b>	2729-012C <b>448.36</b>	2739-012C <b>533.47</b>	2729T-012C <b>619.02</b>	2739T-012C <b>640.91</b>	2739VT-012C <b>697.17</b>	1	4	272
<b>1-1/2</b>	2729-015C <b>461.63</b>	2739-015C <b>540.04</b>	2729T-015C <b>628.63</b>	2739T-015C <b>664.96</b>	2739VT-015C <b>718.56</b>	1	4	272
<b>2</b>	2729-020C <b>491.70</b>	2739-020C <b>616.34</b>	2729T-020C <b>691.28</b>	2739T-020C <b>766.02</b>	2739VT-020C <b>847.27</b>	1	0	272

### CPVC - SR Threaded Ends (True Union Style Uses End Connector O-ring Seals)

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2721-005CSR <b>232.39</b>	2731-005CSR <b>297.83</b>	2721T-005CSR <b>334.05</b>	2731T-005CSR <b>359.62</b>	2731VT-005CSR <b>397.76</b>	1	12	272
<b>3/4</b>	2721-007CSR <b>258.64</b>	2731-007CSR <b>317.54</b>	2721T-007CSR <b>368.93</b>	2731T-007CSR <b>385.63</b>	2731VT-007CSR <b>426.53</b>	1	8	272
<b>1</b>	2721-010CSR <b>298.51</b>	2731-010CSR <b>386.12</b>	2721T-010CSR <b>448.55</b>	2731T-010CSR <b>467.90</b>	2731VT-010CSR <b>513.88</b>	1	8	272
<b>1-1/4</b>	2721-012CSR <b>448.36</b>	2731-012CSR <b>533.47</b>	2721T-012CSR <b>619.02</b>	2731T-012CSR <b>640.91</b>	2731VT-012CSR <b>697.17</b>	1	4	272
<b>1-1/2</b>	2721-015CSR <b>461.63</b>	2731-015CSR <b>540.04</b>	2721T-015CSR <b>628.63</b>	2731T-015CSR <b>664.96</b>	2731VT-015CSR <b>718.56</b>	1	4	272
<b>2</b>	2721-020CSR <b>491.70</b>	2731-020CSR <b>616.34</b>	2721T-020CSR <b>691.28</b>	2731T-020CSR <b>766.02</b>	2731VT-020CSR <b>847.27</b>	1	0	272

### CPVC - Spigot Ends

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2727-005C <b>226.54</b>	2737-005C <b>288.47</b>	2797T-005C <b>324.63</b>	2797VT-005C <b>362.63</b>	1	12	272
<b>3/4</b>	2727-007C <b>251.47</b>	2737-007C <b>307.69</b>	2797T-007C <b>357.78</b>	2797VT-007C <b>395.79</b>	1	8	272
<b>1</b>	2727-010C <b>292.12</b>	2737-010C <b>375.32</b>	2797T-010C <b>437.19</b>	2797VT-010C <b>481.81</b>	1	8	272
<b>1-1/4</b>	2727-012C <b>437.04</b>	2737-012C <b>518.85</b>	2797T-012C <b>602.41</b>	2797VT-012C <b>667.43</b>	1	4	272
<b>1-1/2</b>	2727-015C <b>446.77</b>	2737-015C <b>524.27</b>	2797T-015C <b>612.82</b>	2797VT-015C <b>678.18</b>	1	4	272
<b>2</b>	2727-020C <b>479.30</b>	2737-020C <b>600.52</b>	2797T-020C <b>673.69</b>	2797VT-020C <b>744.67</b>	1	0	272



**Thermoplastic Valves  
Diaphragm Valves & Tee-Style "Zero Dead-Leg" Diaphragm Valves**

**CPVC - Flanged Ends**

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2723-005C <b>280.98</b>	2733-005C <b>310.30</b>	2793T-005C <b>405.03</b>	2793VT-005C <b>449.23</b>	4	0	272
<b>3/4</b>	2723-007C <b>314.17</b>	2733-007C <b>347.01</b>	2793T-007C <b>433.04</b>	2793VT-007C <b>479.03</b>	4	0	272
<b>1</b>	2723-010C <b>386.86</b>	2733-010C <b>432.62</b>	2793T-010C <b>532.13</b>	2793VT-010C <b>590.23</b>	4	0	272
<b>1-1/4</b>	2723-012C <b>494.27</b>	2733-012C <b>566.24</b>	2793T-012C <b>671.71</b>	2793VT-012C <b>742.51</b>	1	4	272
<b>1-1/2</b>	2723-015C <b>500.83</b>	2733-015C <b>580.17</b>	2793T-015C <b>802.37</b>	2793VT-015C <b>883.81</b>	1	4	272
<b>2</b>	2723-020C <b>560.91</b>	2733-020C <b>629.06</b>	2793T-020C <b>891.54</b>	2793VT-020C <b>990.14</b>	1	0	272
<b>2-1/2</b>	2723-025C <b>1018.93</b>	2733-025C <b>1137.95</b>	2793T-025C <b>1759.59</b>	2793VT-025C <b>2081.02</b>	1	0	273
<b>3</b>	2723-030C <b>1537.84</b>	2733-030C <b>1708.70</b>	2793T-030C <b>2314.74</b>	2793VT-030C <b>2559.87</b>	1	0	273
<b>4</b>	2723-040C <b>2111.91</b>	2733-040C <b>2346.07</b>	2793T-040C <b>3076.83</b>	2793VT-040C <b>3282.69</b>	1	0	273
<b>6</b>	2723-060C <b>3865.85</b>	2733-060C <b>5543.20</b>	2793T-060C <b>6765.99</b>	2793VT-060C <b>8816.48</b>	1	0	273
<b>8</b>	2723-080C <b>7727.12</b>	2733-080C <b>9978.37</b>	2793T-080C <b>10090.10</b>	2793VT-080C <b>11210.35</b>	1	0	273

**PP - SR Threaded Ends (True Union Style Uses End Connector O-ring Seals)**

Size	EPDM Seals & Diaphragm	Viton® Seals & Diaphragm	EPDM Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & EPDM Backed PTFE Diaphragm	Viton® Seals & Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	2721-005PSR <b>134.82</b>	2731-005PSR <b>149.99</b>	2721T-005PSR <b>215.53</b>	2731T-005PSR <b>226.88</b>	2731VT-005PSR <b>256.59</b>	1	12	280
<b>3/4</b>	2721-007PSR <b>153.55</b>	2731-007PSR <b>170.35</b>	2721T-007PSR <b>225.65</b>	2731T-007PSR <b>239.43</b>	2731VT-007PSR <b>281.09</b>	1	8	280
<b>1</b>	2721-010PSR <b>189.94</b>	2731-010PSR <b>209.28</b>	2721T-010PSR <b>328.95</b>	2731T-010PSR <b>346.06</b>	2731VT-010PSR <b>365.13</b>	1	8	280
<b>1-1/4</b>	2721-012PSR <b>288.47</b>	2731-012PSR <b>321.22</b>	2721T-012PSR <b>450.38</b>	2731T-012PSR <b>472.19</b>	2731VT-012PSR <b>524.01</b>	1	4	280
<b>1-1/2</b>	2721-015PSR <b>301.74</b>	2731-015PSR <b>334.96</b>	2721T-015PSR <b>480.29</b>	2731T-015PSR <b>503.60</b>	2731VT-015PSR <b>542.39</b>	1	4	280
<b>2</b>	2721-020PSR <b>350.94</b>	2731-020PSR <b>390.00</b>	2721T-020PSR <b>547.97</b>	2731T-020PSR <b>574.95</b>	2731VT-020PSR <b>624.86</b>	1	0	280

**PP - Flanged Ends**

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
<b>2-1/2</b>	2723-025P <b>646.52</b>	2733-025P <b>714.46</b>	2793T-025P <b>1017.22</b>	2793VT-025P <b>1136.01</b>	1	0	281
<b>3</b>	2723-030P <b>924.44</b>	2733-030P <b>1021.38</b>	2793T-030P <b>1406.76</b>	2793VT-030P <b>1568.65</b>	1	0	281
<b>4</b>	2723-040P <b>1330.17</b>	2733-040P <b>1464.46</b>	2793T-040P <b>1875.24</b>	2793VT-040P <b>2079.93</b>	1	0	281
<b>6</b>	2723-060P <b>3291.95</b>	2733-060P <b>3657.72</b>	2793T-060P <b>4699.95</b>	2793VT-060P <b>5312.49</b>	1	0	281
<b>8</b>	2723-080P <b>8195.43</b>	2733-080P <b>7378.19</b>	2793T-080P <b>8531.82</b>	2793VT-080P <b>14376.83</b>	1	0	281

## Thermoplastic Valves Tee-Style "Zero Dead-Leg" Diaphragm Valves



Valves are produced to order in Diaphragm Valve sizes 1/2" - 2" and virtually any user specified Mainline Socket Tee size available.

Tee-Style Valve material options include PVC, CPVC, or Low Extractable PVC.

Valve End Connection options include Spigot, Socket & Thread, or patented Special Reinforced (SR) Female Plastic Thread.

Diaphragm Options include EPDM, Viton®, PTFE with bonded EPDM backing, or PTFE with bonded Viton® backing.

Pressure Rating @ 73°F (23°C), Water  
Valve Sizes 1/2" - 2" (20mm - 63mm)  
235 psi with Elastomer Diaphragms  
150 psi with PTFE Diaphragms

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
Temperature/Pressure De-ratings Apply

### CONTACT SPEARS® FOR SELECTION ASSISTANCE & PRICING

#### Quick View Selection Chart

The following Base Part Numbers must be completed according to desired configuration size. Contact Spears® for the appropriate Tee size x Valve size code designations to replace the "xxx" in each.

Diaphragm Material	PVC Base Part Number			Pressure Rating @ 73°F (23°C)
	Spigot	Socket & Threaded	SR Threaded	
EPDM	2727ZD-xxx	2729ZD-xxx	2721ZD-xxxSR	1/2" - 2" 235 psi
Viton®	2737ZD-xxx	2739ZD-xxx	2731ZD-xxxSR	
PTFE, EPDM Backing	2797TZD-xxx	2729TZD-xxx	2721TZD-xxxSR	1/2" - 2" 150 psi
PTFE Viton® Backing	2797VTZD-xxx	2739VTZD-xxx	2731VTZD-xxxSR	

Diaphragm Material	CPVC Base Part Number			Pressure Rating @ 73°F (23°C)
	Spigot	Socket & Threaded	SR Threaded	
EPDM	2727ZD-xxxC	2729ZD-xxxC	2721ZD-xxxCSR	1/2" - 2" 235 psi
Viton®	2737ZD-xxxC	2739ZD-xxxC	2731ZD-xxxCSR	
PTFE, EPDM Backing	2797TZD-xxxC	2729TZD-xxxC	2721TZD-xxxCSR	1/2" - 2" 150 psi
PTFE Viton® Backing	2797VTZD-xxxC	2739VTZD-xxxC	2731VTZD-xxxCSR	

Diaphragm Material	Low Extractable PVC Base Part Number			Pressure Rating @ 73°F (23°C)
	Spigot	Socket & Threaded	SR Threaded	
EPDM	2727ZD-xxxBL	2729ZD-xxxBL	2721ZD-xxxSRBL	1/2" - 2" 235 psi
Viton®	2737ZD-xxxBL	2739ZD-xxxBL	2731ZD-xxxSRBL	
PTFE, EPDM Backing	2797TZD-xxxBL	2729TZD-xxxBL	2721TZD-xxxSRBL	1/2" - 2" 150 psi
PTFE Viton® Backing	2797VTZD-xxxBL	2739VTZD-xxxBL	2731VTZD-xxxSRBL	

**Note:** Low Extractable PVC Valves are typically used with elastomer backed PTFE Diaphragms to maintain purity in most applications. Tee-Style Zero Dead-Leg Diaphragm Valves are a non-stock configuration. All orders are non-cancelable, non-returnable.



## Thermoplastic Valves Diaphragm Valve Repair Kits

### True Union Style Diaphragm Valve Repair Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>O-rings &amp; Elastomer Diaphragm</b>					
1/2	DV-ERK-005 45.79	DV-VRK-005 100.13	1	10	299
3/4	DV-ERK-007 51.99	DV-VRK-007 108.53	1	10	299
1	DV-ERK-010 65.04	DV-VRK-010 120.50	1	10	299
1-1/4 OR 1-1/2	DV-ERK-015 89.73	DV-VRK-015 203.71	1	10	299
2	DV-ERK-020 106.79	DV-VRK-020 242.39	1	10	299

### O-rings & EPDM Backed PTFE Diaphragm

1/2	DV-TERK-005 121.88	DV-TVrk-005 127.07	1	10	299
3/4	DV-TERK-007 136.03	DV-TVrk-007 141.17	1	10	299
1	DV-TERK-010 164.13	DV-TVrk-010 166.11	1	10	299
1-1/4 OR 1-1/2	DV-TERK-015 224.85	DV-TVrk-015 227.55	1	10	299
2	DV-TERK-020 262.23	DV-TVrk-020 269.66	1	10	299

### O-rings & Viton® Backed PTFE Diaphragm

1/2	DV-VTERK-005 140.33	DV-VTVrk-005 156.74	1	10	299
3/4	DV-VTERK-007 147.10	DV-VTVrk-007 166.13	1	10	299
1	DV-VTERK-010 180.88	DV-VTVrk-010 201.11	1	10	299
1-1/4 OR 1-1/2	DV-VTERK-015 315.78	DV-VTVrk-015 327.09	1	5	299
2	DV-VTERK-020 321.07	DV-VTVrk-020 463.90	1	5	299

### Diaphragm Only - Elastomer

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	27-39-00541A 36.55	27-39-00542A 78.48	1	0	901
3/4	27-39-00741A 59.57	27-39-00742A 97.00	1	0	901
1	27-39-01041A 52.73	27-39-01042A 122.74	1	0	901
1-1/4 OR 1-1/2	27-39-01541 59.29	27-39-01542 159.85	1	0	901
2	27-39-02041 85.57	27-39-02042 196.71	1	0	901
3	27-39-03041 176.16	27-39-03042 501.70	1	0	901
4	27-39-04041 201.32	27-39-04042 855.19	1	0	901
6	27-39-06041 434.39	27-39-06042 2700.62	1	0	901
8	27-39-08041 707.45	27-39-08042 4884.09	1	0	901

### Diaphragm Only - PTFE with Elastomer Backing

Size	PTFE/EPDM	PTFE/Viton®	Std Pk	Mstr Pk	Disc Code
1/2	27-39-00565A 105.85	27-39-00566A 122.00	100	0	299
3/4	27-39-00765A 118.41	27-39-00766A 127.14	25	0	299
1	27-39-01065A 132.07	27-39-01066A 157.01	25	0	299
1-1/4 OR 1-1/2	27-39-01565 196.40	27-39-01566 319.81	100	0	299
2	27-39-02065 228.74	27-39-02066 360.32	100	0	299
3	27-39-03065 627.60	27-39-03066 778.38	15	0	299
4	27-39-04065 1218.99	27-39-04066 1338.61	10	0	299
6	27-39-06065 2693.80	27-39-06066 2995.24	1	5	299

### Diaphragm Only - PTFE with Elastomer Backing (continued)

Size	PTFE/EPDM	PTFE/Viton®	Std Pk	Mstr Pk	Disc Code
8	27-39-08065 4883.70	27-39-08066 5379.49	1	0	299

True Union Diaphragm Repair Kits include:

- 1-Diaphragm
- 2-End Connector O-rings

Contact Spears® for Pricing on Additional Specialty Diaphragms

- Hypalon®
- Hypalon® backed PTFE
- PTFE Encapsulated O-rings (for True Union Style Valves)



## Thermoplastic Valves Y-Pattern Valves



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2"      150 psi  
 3" - 4"      90 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply



True Union Style

### PVC - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1722-005	1732-005	1	12	620
	<b>79.57</b>	<b>84.18</b>			
3/4	1722-007	1732-007	1	8	620
	<b>93.36</b>	<b>99.48</b>			
1	1722-010	1732-010	1	8	620
	<b>111.71</b>	<b>119.36</b>			
1-1/4	1722-012	1732-012	1	4	620
	<b>136.21</b>	<b>149.99</b>			
1-1/2	1722-015	1732-015	1	0	620
	<b>182.12</b>	<b>192.83</b>			
2	1722-020	1732-020	2	0	620
	<b>258.64</b>	<b>275.49</b>			
3	1722-030	1732-030	1	0	620
	<b>557.07</b>	<b>606.05</b>			
4	1722-040	1732-040	1	0	620
	<b>945.80</b>	<b>1029.99</b>			

### PVC Clear - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1722-005CL	1732-005CL	1	12	621
	<b>79.57</b>	<b>84.18</b>			
3/4	1722-007CL	1732-007CL	1	8	621
	<b>93.36</b>	<b>99.48</b>			
1	1722-010CL	1732-010CL	1	8	621
	<b>111.71</b>	<b>119.36</b>			
1-1/4	1722-012CL	1732-012CL	1	4	621
	<b>136.21</b>	<b>149.99</b>			
1-1/2	1722-015CL	1732-015CL	1	0	621
	<b>182.12</b>	<b>192.83</b>			
2	1722-020CL	1732-020CL	2	0	621
	<b>258.64</b>	<b>275.49</b>			
3	1722-030CL	1732-030CL	1	0	621
	<b>557.07</b>	<b>606.05</b>			
4	1722-040CL	1732-040CL	1	0	621
	<b>945.80</b>	<b>1029.99</b>			

### PVC - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1721-005SR	1731-005SR	1	8	620
	<b>82.64</b>	<b>87.24</b>			
3/4	1721-007SR	1731-007SR	1	8	620
	<b>97.94</b>	<b>104.07</b>			
1	1721-010SR	1731-010SR	1	8	620
	<b>117.85</b>	<b>125.50</b>			
1-1/4	1721-012SR	1731-012SR	1	0	620
	<b>160.68</b>	<b>169.87</b>			
1-1/2	1721-015SR	1731-015SR	1	0	620
	<b>197.41</b>	<b>206.61</b>			
2	1721-020SR	1731-020SR	1	0	620
	<b>278.54</b>	<b>292.32</b>			
3	1721-030SR	1731-030SR	1	0	620
	<b>598.39</b>	<b>647.37</b>			
4	1721-040SR	1731-040SR	1	0	620
	<b>988.66</b>	<b>1072.82</b>			

### PVC Clear - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1721-005CLSR	1731-005CLSR	1	8	621
	<b>82.64</b>	<b>87.24</b>			
3/4	1721-007CLSR	1731-007CLSR	1	8	621
	<b>97.94</b>	<b>104.07</b>			
1	1721-010CLSR	1731-010CLSR	1	8	621
	<b>117.85</b>	<b>125.50</b>			
1-1/4	1721-012CLSR	1731-012CLSR	1	0	621
	<b>160.68</b>	<b>169.87</b>			
1-1/2	1721-015CLSR	1731-015CLSR	1	0	621
	<b>197.41</b>	<b>206.61</b>			
2	1721-020CLSR	1731-020CLSR	1	0	621
	<b>278.54</b>	<b>292.32</b>			
3	1721-030CLSR	1731-030CLSR	1	0	621
	<b>598.39</b>	<b>647.37</b>			
4	1721-040CLSR	1731-040CLSR	1	0	621
	<b>988.66</b>	<b>1072.82</b>			

### PVC - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1723-005	1733-005	1	8	620
	<b>111.71</b>	<b>116.31</b>			
3/4	1723-007	1733-007	1	4	620
	<b>128.55</b>	<b>134.68</b>			
1	1723-010	1733-010	1	4	620
	<b>151.50</b>	<b>157.63</b>			
1-1/4	1723-012	1733-012	1	0	620
	<b>177.52</b>	<b>189.77</b>			
1-1/2	1723-015	1733-015	1	0	620
	<b>223.44</b>	<b>234.17</b>			
2	1723-020	1733-020	1	0	620
	<b>313.72</b>	<b>329.04</b>			
3	1723-030	1733-030	1	0	620
	<b>612.18</b>	<b>661.15</b>			
4	1723-040	1733-040	1	0	620
	<b>1215.14</b>	<b>1288.62</b>			

### PVC Clear - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1723-005CL	1733-005CL	1	8	621
	<b>111.71</b>	<b>116.31</b>			
3/4	1723-007CL	1733-007CL	1	8	621
	<b>128.55</b>	<b>134.68</b>			
1	1723-010CL	1733-010CL	1	4	621
	<b>151.50</b>	<b>157.63</b>			
1-1/4	1723-012CL	1733-012CL	1	0	621
	<b>177.52</b>	<b>189.77</b>			
1-1/2	1723-015CL	1733-015CL	1	0	621
	<b>223.44</b>	<b>234.17</b>			
2	1723-020CL	1733-020CL	1	0	621
	<b>313.72</b>	<b>329.04</b>			
3	1723-030CL	1733-030CL	1	0	621
	<b>612.18</b>	<b>661.15</b>			
4	1723-040CL	1733-040CL	1	0	621
	<b>1215.14</b>	<b>1288.62</b>			



**Thermoplastic Valves  
Y-Pattern Valves**

**CPVC - Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1722-005C 111.71	1732-005C 117.85	1	12	622
<b>3/4</b>	1722-007C 131.62	1732-007C 140.80	1	8	622
<b>1</b>	1722-010C 157.63	1732-010C 168.36	1	8	622
<b>1-1/4</b>	1722-012C 194.36	1732-012C 206.61	1	4	622
<b>1-1/2</b>	1722-015C 257.12	1732-015C 272.40	1	0	622
<b>2</b>	1722-020C 364.23	1732-020C 388.72	2	0	622
<b>3</b>	1722-030C 780.52	1732-030C 847.86	1	0	622
<b>4</b>	1722-040C 1323.81	1732-040C 1441.65	1	0	622

**PVC - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005 94.88	173B-005 99.48	1	8	620
<b>3/4</b>	172B-007 110.18	173B-007 116.31	1	8	620
<b>1</b>	172B-010 131.62	173B-010 140.80	1	4	620
<b>1-1/4</b>	172B-012 160.68	173B-012 176.01	2	0	620
<b>1-1/2</b>	172B-015 214.26	173B-015 226.50	1	0	620
<b>2</b>	172B-020 303.03	173B-020 324.46	1	0	620
<b>3</b>	172B-030 655.02	173B-030 711.66	1	0	620
<b>4</b>	172B-040 1112.62	173B-040 1210.59	1	0	620

**CPVC - SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1721-005CSR 114.78	1731-005CSR 122.45	1	8	622
<b>3/4</b>	1721-007CSR 136.21	1731-007CSR 145.39	1	8	622
<b>1</b>	1721-010CSR 165.28	1731-010CSR 168.36	1	8	622
<b>1-1/4</b>	1721-012CSR 202.02	1731-012CSR 217.33	1	0	622
<b>1-1/2</b>	1721-015CSR 277.00	1731-015CSR 292.32	1	0	622
<b>2</b>	1721-020CSR 387.19	1731-020CSR 408.64	1	0	622
<b>3</b>	1721-030CSR 837.14	1731-030CSR 906.00	1	0	622
<b>4</b>	1721-040CSR 1319.22	1731-040CSR 1501.36	1	0	622

**PVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005SR 97.94	173B-005SR 102.53	1	8	620
<b>3/4</b>	172B-007SR 114.78	173B-007SR 122.45	1	8	620
<b>1</b>	172B-010SR 139.27	173B-010SR 146.93	1	4	620
<b>1-1/4</b>	172B-012SR 189.77	173B-012SR 200.48	1	0	620
<b>1-1/2</b>	172B-015SR 232.62	173B-015SR 243.34	1	0	620
<b>2</b>	172B-020SR 327.51	173B-020SR 344.35	1	0	620
<b>3</b>	172B-030SR 703.98	173B-030SR 762.14	1	0	620
<b>4</b>	172B-040SR 1163.12	173B-040SR 1262.61	1	0	620

**CPVC - Flanged Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	1723-005C 183.65	1733-005C 189.77	1	8	622
<b>3/4</b>	1723-007C 209.67	1733-007C 218.84	1	8	622
<b>1</b>	1723-010C 254.04	1733-010C 264.76	1	4	622
<b>1-1/4</b>	1723-012C 304.55	1733-012C 315.28	1	0	622
<b>1-1/2</b>	1723-015C 411.69	1733-015C 426.99	1	0	622
<b>2</b>	1723-020C 524.94	1733-020C 549.43	1	0	622
<b>3</b>	1723-030C 1010.09	1733-030C 1078.95	1	0	622
<b>4</b>	1723-040C 1639.07	1733-040C 1743.16	1	0	622

**PVC Clear - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172A-005CL 94.88	173A-005CL 99.48	1	8	621
<b>3/4</b>	172A-007CL 110.18	173A-007CL 116.31	1	8	621
<b>1</b>	172A-010CL 131.62	173A-010CL 140.80	1	4	621
<b>1-1/4</b>	172A-012CL 160.68	173A-012CL 176.01	2	0	621
<b>1-1/2</b>	172A-015CL 214.26	173A-015CL 226.50	2	0	621
<b>2</b>	172A-020CL 303.03	173A-020CL 324.46	1	0	621
<b>3</b>	172A-030CL 655.02	173A-030CL 711.66	1	0	621
<b>4</b>	172A-040CL 1112.62	173A-040CL 1210.59	1	0	621

**PVC - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172A-005 94.88	173A-005 99.48	1	8	620
<b>3/4</b>	172A-007 110.18	173A-007 116.31	1	8	620
<b>1</b>	172A-010 131.62	173A-010 140.80	1	4	620
<b>1-1/4</b>	172A-012 160.68	173A-012 176.01	2	0	620
<b>1-1/2</b>	172A-015 214.26	173A-015 226.50	2	0	620
<b>2</b>	172A-020 303.03	173A-020 324.46	1	0	620
<b>3</b>	172A-030 655.02	173A-030 711.66	1	0	620
<b>4</b>	172A-040 1112.62	173A-040 1210.59	1	0	620

**PVC Clear - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005CL 94.88	173B-005CL 99.48	1	8	621
<b>3/4</b>	172B-007CL 110.18	173B-007CL 116.31	1	8	621
<b>1</b>	172B-010CL 131.62	173B-010CL 140.80	1	4	621
<b>1-1/4</b>	172B-012CL 160.68	173B-012CL 176.01	2	0	621
<b>1-1/2</b>	172B-015CL 214.26	173B-015CL 226.50	1	0	621
<b>2</b>	172B-020CL 303.03	173B-020CL 324.46	1	0	621
<b>3</b>	172B-030CL 655.02	173B-030CL 711.66	1	0	621
<b>4</b>	172B-040CL 1112.62	173B-040CL 1210.59	1	0	621

**Thermoplastic Valves  
Y-Pattern Valves**



**PVC Clear - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005CLSR <b>97.94</b>	173B-005CLSR <b>102.53</b>	1	8	621
<b>3/4</b>	172B-007CLSR <b>114.78</b>	173B-007CLSR <b>122.45</b>	1	8	621
<b>1</b>	172B-010CLSR <b>139.27</b>	173B-010CLSR <b>146.93</b>	1	4	621
<b>1-1/4</b>	172B-012CLSR <b>189.77</b>	173B-012CLSR <b>200.48</b>	2	0	621
<b>1-1/2</b>	172B-015CLSR <b>232.62</b>	173B-015CLSR <b>243.34</b>	1	0	621
<b>2</b>	172B-020CLSR <b>327.51</b>	173B-020CLSR <b>344.35</b>	1	0	621
<b>3</b>	172B-030CLSR <b>703.98</b>	173B-030CLSR <b>762.14</b>	1	0	621
<b>4</b>	172B-040CLSR <b>1163.12</b>	173B-040CLSR <b>1262.61</b>	1	0	621

**CPVC - True Union Socket Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172A-005C <b>131.62</b>	173A-005C <b>139.27</b>	1	8	622
<b>3/4</b>	172A-007C <b>154.57</b>	173A-007C <b>165.28</b>	1	8	622
<b>1</b>	172A-010C <b>185.18</b>	173A-010C <b>197.41</b>	1	4	622
<b>1-1/4</b>	172A-012C <b>228.03</b>	173A-012C <b>243.34</b>	2	0	622
<b>1-1/2</b>	172A-015C <b>303.03</b>	173A-015C <b>319.86</b>	2	0	622
<b>2</b>	172A-020C <b>428.52</b>	173A-020C <b>457.60</b>	1	0	622
<b>3</b>	172A-030C <b>918.27</b>	173A-030C <b>997.85</b>	1	0	622
<b>4</b>	172A-040C <b>1556.45</b>	173A-040C <b>1695.72</b>	1	0	622

**CPVC - True Union Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005C <b>131.62</b>	173B-005C <b>139.27</b>	1	8	622
<b>3/4</b>	172B-007C <b>154.57</b>	173B-007C <b>165.28</b>	1	8	622
<b>1</b>	172B-010C <b>185.18</b>	173B-010C <b>197.41</b>	1	4	622
<b>1-1/4</b>	172B-012C <b>228.03</b>	173B-012C <b>243.34</b>	2	0	622
<b>1-1/2</b>	172B-015C <b>303.03</b>	173B-015C <b>319.86</b>	2	0	622
<b>2</b>	172B-020C <b>428.52</b>	173B-020C <b>457.60</b>	1	0	622
<b>3</b>	172B-030C <b>918.27</b>	173B-030C <b>997.85</b>	1	0	622
<b>4</b>	172B-040C <b>1556.45</b>	173B-040C <b>1695.72</b>	1	0	622

**CPVC - True Union SR Threaded Ends**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	172B-005CSR <b>134.68</b>	173B-005CSR <b>143.86</b>	1	8	622
<b>3/4</b>	172B-007CSR <b>160.68</b>	173B-007CSR <b>171.41</b>	1	8	622
<b>1</b>	172B-010CSR <b>194.36</b>	173B-010CSR <b>197.41</b>	1	4	622
<b>1-1/4</b>	172B-012CSR <b>237.22</b>	173B-012CSR <b>255.57</b>	1	0	622
<b>1-1/2</b>	172B-015CSR <b>325.97</b>	173B-015CSR <b>344.35</b>	1	0	622
<b>2</b>	172B-020CSR <b>456.06</b>	173B-020CSR <b>480.54</b>	1	0	622
<b>3</b>	172B-030CSR <b>984.06</b>	173B-030CSR <b>1065.19</b>	1	0	622
<b>4</b>	172B-040CSR <b>1551.85</b>	173B-040CSR <b>1766.11</b>	1	0	622



## Thermoplastic Valves Y-Pattern Valve Repair Kits

Internal Repair Kit includes 1-Stem O-ring, 1-Seal Carrier O-ring, along with a factory assembled (required) internal component replacement unit consisting of Stem assembled with Seat & Seal Carrier components. Install in valve using existing valve Bonnet, Bonnet Nut, and Handle/Nut. True Union style valve kits include an additional 2-End Connector O-rings.

### PVC Y-Pattern Valve Internal Repair Kits

Size	Standard EPDM	Standard Viton®	True Union EPDM	True Union Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YV-ERK-005 24.70	YV-VRK-005 26.22	YV-UERK-005 26.00	YV-UVRK-005 27.60	1	10	299
<b>3/4</b>	YV-ERK-007 33.31	YV-VRK-007 35.64	YV-UERK-007 35.06	YV-UVRK-007 37.51	1	10	299
<b>1</b>	YV-ERK-010 43.69	YV-VRK-010 45.93	YV-UERK-010 45.98	YV-UVRK-010 48.33	1	10	299
<b>1-1/4</b>	YV-ERK-012 66.45	YV-VRK-012 71.27	YV-UERK-012 69.94	YV-UVRK-012 75.02	1	10	299
<b>1-1/2</b>	YV-ERK-015 125.93	YV-VRK-015 132.72	YV-UERK-015 140.47	YV-UVRK-015 140.48	1	10	299
<b>2</b>	YV-ERK-020 153.95	YV-VRK-020 161.71	YV-UERK-020 162.04	YV-UVRK-020 170.21	1	4	299
<b>3</b>	YV-ERK-030 215.41	YV-VRK-030 226.88	YV-UERK-030 226.77	YV-UVRK-030 238.82	1	10	299
<b>4</b>	YV-ERK-040 368.76	YV-VRK-040 389.31	YV-UERK-040 388.15	YV-UVRK-040 409.79	1	10	299

### CPVC Y-Pattern Valve Internal Repair Kits

Size	Standard EPDM	Standard Viton®	True Union EPDM	True Union Viton®	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YV-ERK-005C 31.61	YV-VRK-005C 33.56	YV-UERK-005C 33.28	YV-UVRK-005C 35.32	1	10	299
<b>3/4</b>	YV-ERK-007C 42.65	YV-VRK-007C 45.61	YV-UERK-007C 44.88	YV-UVRK-007C 48.02	1	10	299
<b>1</b>	YV-ERK-010C 55.93	YV-VRK-010C 58.77	YV-UERK-010C 58.87	YV-UVRK-010C 61.84	1	10	299
<b>1-1/4</b>	YV-ERK-012C 85.07	YV-VRK-012C 91.23	YV-UERK-012C 87.97	YV-UVRK-012C 96.05	1	10	299
<b>1-1/2</b>	YV-ERK-015C 161.19	YV-VRK-015C 169.84	YV-UERK-015C 169.68	YV-UVRK-015C 178.80	1	10	299
<b>2</b>	YV-ERK-020C 197.06	YV-VRK-020C 206.98	YV-UERK-020C 207.44	YV-UVRK-020C 217.87	1	4	299
<b>3</b>	YV-ERK-030C 275.72	YV-VRK-030C 290.40	YV-UERK-030C 290.26	YV-UVRK-030C 305.67	1	10	299
<b>4</b>	YV-ERK-040C 472.02	YV-VRK-040C 498.31	YV-UERK-040C 496.86	YV-UVRK-040C 524.54	1	10	299

## Thermoplastic Valves Sewer Disconnect



Spears® Sewer Disconnect functions as both cleanout and disconnect device, plus helps prevent sewage backup during hurricanes and floods. Complete unit consists of body and plunger (sold separately - both parts are required for proper use). The plunger can be screwed into the body to block solids waste flow. The plunger should be removed from the body and stored when not in use to prevent accidental closing (i.e., from ground vibration, etc.).

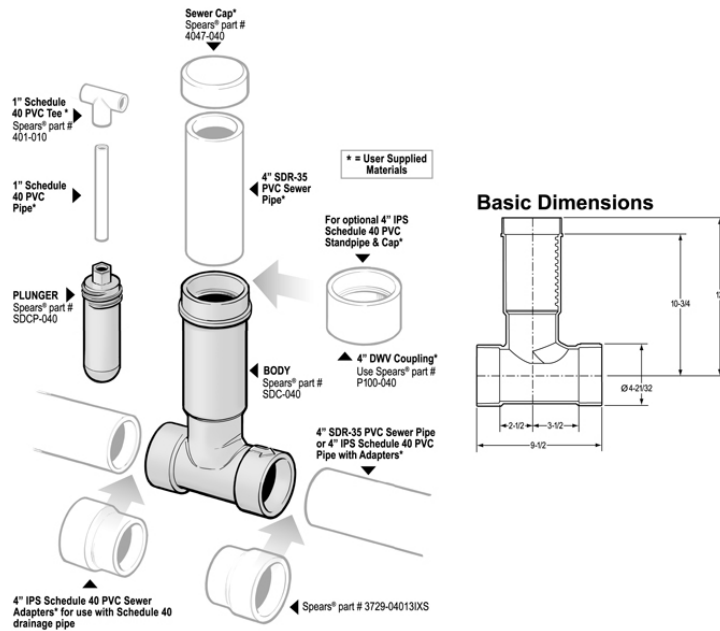


- Connects directly to 4" SDR-35 (or any ASTM D3034/D2729) PVC Sewer Pipe.
- Easily adapted to 4" Schedule 40 PVC Drainage Pipe with addition of IPS x Sewer Adapters, Socket x Spigot, Spears® part no. 3729-04013IXS.
- User-supplied standpipe can be installed to grade using PVC Sewer Pipe connected to the body branch socket and a Sewer Cap to close off (Spears® part no. 4047-040). Optionally, user-supplied Schedule 40 Pipe can be used for standpipe with addition of a Schedule 40 DWV Socket Coupling (Spears® part no. P100-040) and Cap (Spears® part no. P116-040).
- T-handle for Plunger operation can be easily fabricated from user-supplied 1" Schedule 40 Pipe and Tee fitting (Spears® part no. 401-010).



Note - the unit restricts flow by approximately 85%. As a result, the unit must be located in the sewer line where solids are present. Full disconnect is not achieved without solids in the flow.

### Auxiliary Components (Purchased Separately)



### Sewer Disconnect Body

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Sewer Socket X Sewer Socket. Requires Separate Purchase of SDCP-040 Plunger**

Requires Purchase of SDCP-040 Plunger

SDC-040	4	6	0	055	69.03
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### Sewer Disconnect Plunger

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**For Use With Sewer Disconnect Body. Requires Separate Purchase of SDC-040 Body**

Requires Purchase of SDC-040 Body

SDCP-040	4	12	0	055	23.77
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### Optional IPS x SEWER Adapter

**IPS Socket x Sewer Spigot for adapting Sewer Disconnect Body to Schedule 40 drainage pipe**



3729-04013IXS	4	1	90	399	16.63
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## Thermoplastic Valves Industrial PVC Backwater Valves

Backwater Valves are designed to prevent backflow in numerous applications where easy service access for maintenance and cleaning is needed. Excellent for use in sanitary or storm sewer drainage systems to prevent waste back up due to inadequate drainage, for balancing multi-level ponds, aquaculture features or storage tank systems, and many other applications. Spears® Backwater Valve has been engineered for improved function and easier service, especially in buried service with use of optional Service-Access Extension available either preassembled with valve or as an add-on kit.

- Replaceable internal flapper assembly with EPDM Seat.
- Service-Access Extension available either preassembled with valve, as an add-on kit, or as valve & extension kit components with user supplied pipe.
- Direct Connection to ASTM D 2665 PVC DWV or other IPS size pipe. Spears® fabricated IPS x Sewer Adapters or DWV x Sewer & Drain Adapter Bushings are available for connection to ASTM D 3034 & ASTM D 2729 Sewer pipe.
- Pressure Rated to 43 psi (100 feet of head) @ 73°F (23°C).
- All extension kits can be cut shorter for custom application.
- Conforms to ASME/ANSI A112.14.1 for Backwater Valves.

### PVC Backwater Valves



### PVC Backwater Valves Soc x Soc - Valve Only

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P	<b>2</b>	1	12	055	56.10
S375P	<b>3</b>	2	0	055	56.21
S475P	<b>4</b>	1	0	055	62.27
S675P	<b>6</b>	1	0	055	265.30

### PVC Backwater Valves with Extension Kit to Premade Length



### PVC Backwater Valves with Extension Kit to Premade Length Soc x Soc - Assembled with Extension

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-120 <sup>1</sup>	<b>2X12HT</b>	1	0	055	169.21
S275P-160 <sup>1</sup>	<b>2X16HT</b>	1	0	055	182.01
S275P-200 <sup>1</sup>	<b>2X20HT</b>	1	0	055	194.80
S275P-240 <sup>1</sup>	<b>2X24HT</b>	1	0	055	207.60
S275P-360 <sup>1</sup>	<b>2X36HT</b>	1	0	055	218.04
S275P-480 <sup>1</sup>	<b>2X48HT</b>	1	0	055	239.64
S375P-120 <sup>1</sup>	<b>3X12HT</b>	1	0	055	169.21
S375P-160 <sup>1</sup>	<b>3X16HT</b>	1	0	055	182.01
S375P-200 <sup>1</sup>	<b>3X20HT</b>	1	0	055	194.80
S375P-240 <sup>1</sup>	<b>3X24HT</b>	1	0	055	207.60
S375P-360 <sup>1</sup>	<b>3X36HT</b>	1	0	055	218.04
S375P-480 <sup>1</sup>	<b>3X48HT</b>	1	0	055	239.64
S475P-120 <sup>1</sup>	<b>4X12HT</b>	1	0	055	219.79

### PVC Backwater Valves with Extension Kit to Premade Length Soc x Soc - Assembled with Extension (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S475P-160 <sup>1</sup>	<b>4X16HT</b>	1	0	055	237.11
S475P-200 <sup>1</sup>	<b>4X20HT</b>	1	0	055	252.89
S475P-240 <sup>1</sup>	<b>4X24HT</b>	1	0	055	269.66
S475P-360 <sup>1</sup>	<b>4X36HT</b>	1	0	055	283.20
S475P-480 <sup>1</sup>	<b>4X48HT</b>	1	0	055	311.22
S675P-120 <sup>1</sup>	<b>6X12HT</b>	1	0	055	461.53
S675P-160 <sup>1</sup>	<b>6X16HT</b>	1	0	055	497.93
S675P-200 <sup>1</sup>	<b>6X20HT</b>	1	0	055	531.07
S675P-240 <sup>1</sup>	<b>6X24HT</b>	1	0	055	566.35
S675P-360 <sup>1</sup>	<b>6X36HT</b>	1	0	055	594.74
S675P-480 <sup>1</sup>	<b>6X48HT</b>	1	0	055	653.55

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

### PVC Service-Access Extension Kit Only to Premade Length



**PVC Service-Access Extension Kit:** includes factory assembled internal flap assembly, assembly extension pipe, and external extension housing with top access adapter. Requires solvent cement assembly to existing valve and uses existing threaded Access Plug. Standard Extensions are available in convenient increments of 12", 16", 20", 24", 36", and 48" (measured from top of valve to top of extension). Contact Spears® for pricing on custom cut lengths. All extension kits can be cut shorter in the field for custom fits prior to cementing access adapter in place.

### PVC Service-Access Extension Kit Only to Premade Length

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SAEK-020-120 <sup>1</sup>	<b>2X12HT</b>	1	0	055	52.77
SAEK-020-160 <sup>1</sup>	<b>2X16HT</b>	1	0	055	54.28
SAEK-020-200 <sup>1</sup>	<b>2X20HT</b>	1	0	055	55.72
SAEK-020-240 <sup>1</sup>	<b>2X24HT</b>	1	0	055	58.39
SAEK-020-360 <sup>1</sup>	<b>2X36HT</b>	1	0	055	61.15
SAEK-020-480 <sup>1</sup>	<b>2X48HT</b>	1	0	055	64.14
SAEK-030-120 <sup>1</sup>	<b>3X12HT</b>	1	0	055	57.23
SAEK-030-160 <sup>1</sup>	<b>3X16HT</b>	1	0	055	64.60
SAEK-030-200 <sup>1</sup>	<b>3X20HT</b>	1	0	055	68.44
SAEK-030-240 <sup>1</sup>	<b>3X24HT</b>	1	0	055	77.13
SAEK-030-360 <sup>1</sup>	<b>3X36HT</b>	1	0	055	91.24
SAEK-030-480 <sup>1</sup>	<b>3X48HT</b>	1	0	055	107.91
SAEK-040-120 <sup>1</sup>	<b>4X12HT</b>	1	0	055	85.34
SAEK-040-160 <sup>1</sup>	<b>4X16HT</b>	1	0	055	96.21
SAEK-040-200 <sup>1</sup>	<b>4X20HT</b>	1	0	055	118.67
SAEK-040-240 <sup>1</sup>	<b>4X24HT</b>	1	0	055	129.95



## Thermoplastic Valves Industrial PVC Backwater Valves



### PVC Service-Access Extension Kit Only to Premade Length (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SAEK-040-360 <sup>1</sup>	<b>4X36HT</b>	1	0	055	163.46
SAEK-040-480 <sup>1</sup>	<b>4X48HT</b>	1	0	055	188.71
SAEK-060-120 <sup>1</sup>	<b>6X12HT</b>	1	0	055	152.89
SAEK-060-160 <sup>1</sup>	<b>6X16HT</b>	1	0	055	173.77
SAEK-060-200 <sup>1</sup>	<b>6X20HT</b>	1	0	055	197.04
SAEK-060-240 <sup>1</sup>	<b>6X24HT</b>	1	0	055	226.07
SAEK-060-360 <sup>1</sup>	<b>6X36HT</b>	1	0	055	280.62
SAEK-060-480 <sup>1</sup>	<b>6X48HT</b>	1	0	055	348.34

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

**Table 1: User Supplied Pipe Requirements  
For Use With Extension Components**

Valve Size	Riser Pipe Type Options	Sleeve Pipe Type Options
2"	4" Class 125 PVC 4" Sch 40 PVC	2" Class 125 PVC 2" Sch 40 PVC
3"	5" Class 125 PVC 5" Sch 40 PVC 6" D3034 (SDR 35) PVC Sewer Pipe	4" Class 125 PVC 4" Sch 40 PVC
4"	8" Class 125 PVC 8" Sch 40 PVC	5" Class 125 PVC 5" Sch 40 PVC 6" D3034 (SDR 35) PVC Sewer Pipe
6"	10" Class 125 PVC 10" Sch 40 PVC	8" Class 125 PVC 8" Sch 40 PVC

Note: Sch 80 PVC pipe may also be used, except for 3" Riser or 2" Sleeve. ABS pipe may also be used. However, special cement for joining ABS to PVC must be used.

### PVC Backwater Valve with Extension Components



### PVC Backwater Valve with Extension Components Soc x Soc - Components Must be assembled with user supplied pipe (see Table 1)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-AK	<b>2</b>	1	8	055	82.65
S375P-AK	<b>3</b>	1	0	055	82.65
S475P-AK	<b>4</b>	1	0	055	96.68
S675P-AK	<b>6</b>	1	0	055	342.36

### Industrial Backwater Valve Flapper Repair Kit



### Industrial Backwater Valve Flapper Repair Kit

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Complete Flapper Assembly replacement					
S275P-FRK	<b>2</b>	1	10	055	32.76
S375P-FRK	<b>3</b>	1	10	055	41.31
S475P-FRK	<b>4</b>	1	10	055	48.11
S675P-FRK	<b>6</b>	1	5	055	85.67

### PVC Backwater Valve Metric Adapters

### PVC Backwater Valve Extension Components Only



### PVC Backwater Valve Extension Components Only Must be assembled with user supplied pipe (see Table 1)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-ECK	<b>2</b>	1	8	055	44.01
S375P-ECK	<b>3</b>	1	0	055	44.01
S475P-ECK	<b>4</b>	1	0	055	57.35
S675P-ECK	<b>6</b>	1	0	055	120.49



### PVC Backwater Valve Metric Adapters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Metric Socket x ASTM Spigot					
S275MA-063	<b>63mm X2</b>	50	0	055	14.52
S375MA-090	<b>90mm X3</b>	25	0	055	15.60
S475MA-110	<b>110mm X4</b>	10	0	055	18.48
S675MA-160	<b>160mm X6</b>	4	0	055	42.65



Thermoplastic Valves  
Industrial PVC Backwater Valves

**PVC Backwater Valve Metric Adapters (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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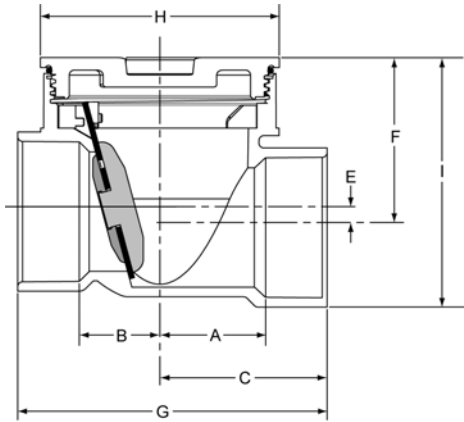
**Metric Socket x ASTM Spigot**

S475MA-110	<b>110mm X4</b>	10	0	055	18.48
S675MA-160	<b>160mm X6</b>	4	0	055	42.65



Technical Information

STANDARD VALVE



Standard Valve Dimensions (Inches)

Size	A	B	C	E	F	G	H	I
2	1-13/16	1-3/4	2-5/8	5/16	3-1/4	5-9/32	4-3/16	4-9/16
3	2-5/8	2	4-3/16	13/32	4-1/8	7-3/4	6	6-1/8
4	3-5/8	3-3/4	5-7/16	23/32	5-7/16	10-15/16	8-1/4	7-15/16
6	4-3/4	4-5/8	7-3/4	13/16	7-3/16	15-3/8	11-1/4	10-13/16

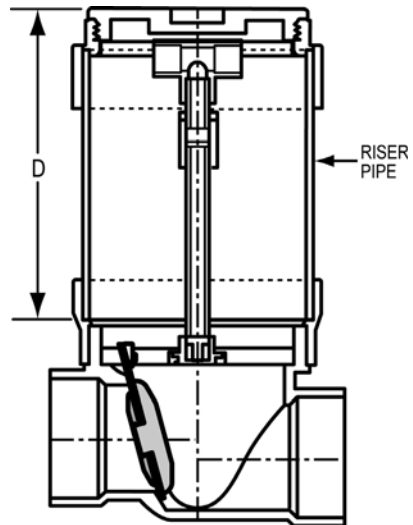


Valve with Extension Kit Dimensions (Inches)

HEIGHT-D
12
16
20
24
36
48

D = Top of plug Standard Valve to top of plug with Extension

VALVE WITH EXTENSION KIT





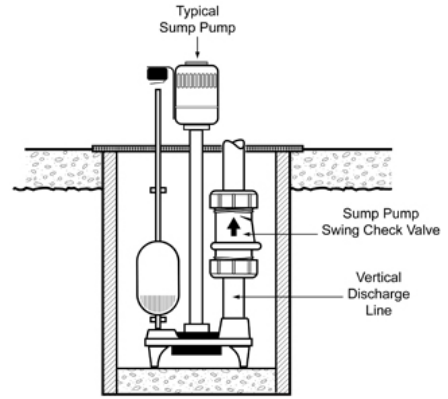
## Thermoplastic Valves Sump Pump Swing Check Valve & Quiet Check Valve

### Sump Pump Swing Check Valve



- Specifically Designed for Use on Sump Pump Discharge Lines (See Illustration)
- Includes Compression End Connectors with Buna-N Gaskets for Use on Either 1-1/4" or 1-1/2" Pipe
- All Plastic Construction with Elastomer Seals - No Metal Parts
- Angled Seat and Weighted Flapper for Low-Pressure Seal
- Suitable for Vertical Up-flow or Horizontal Installations

**Pressure Rating @ 73°F (23°C), Water**  
**Full Flow (open)** 150 psi  
**Back Pressure (closed)** 75 psi  
**Maximum Service Temperature**  
 140°F (60°C)  
**Temperature/Pressure De-ratings Apply**



**General Installation Information:** Sump Pump Swing Check Valves may be installed in either vertical up-flow (see illustration) or horizontal positions on pump discharge line. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. In horizontal installations, the designated side must be positioned "up." Do Not install Check Valve upside down.

### PVC Sump Pump Swing Check Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Compression Ends

Buna-N Gaskets included for both 1-1/4" & 1-1/2" pipe

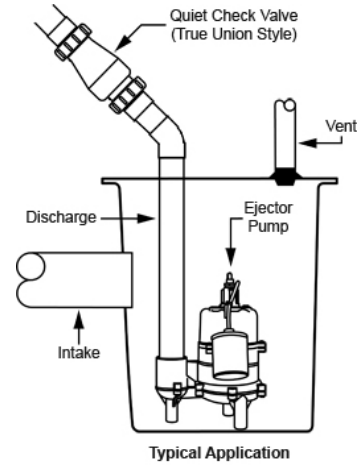
S1400-15	<b>1-1/2 &amp; 1-1/4</b>	16	0	026	17.86
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### Quiet Check Valve



- Designed to Provide Quiet Operation in Sump Pump or Sewage Ejector Pump Systems.
- Spring Controlled Rate of Closing Prevents Slamming and Eliminates Noise.
- Includes Both True Union Sockets for Easy Servicing and Direct Socket Connection for Installation in Confined Space.
- 2" Size for Sewage Ejector Systems, 1-1/2" Size for Sump Pump Effluent Systems.

**Pressure Rating @ 73°F (23°C), Water**  
**Full Flow (open)** 150 psi  
**Back Pressure (closed)** 75 psi  
**Maximum Service Temperature** 140°F (60°C)  
**Temperature/Pressure De-ratings Apply**



**General Installation Information:** Install check valve 12"-18" above pump discharge, or as recommended by pump system manufacturer. Be sure check valve installation complies with local codes. Valve may be installed in either vertical up-flow or horizontal positions on pump discharge line. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. In horizontal installations, the designated side must be positioned "up."

### PVC Quiet Check Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Soc x Soc

True Union or Direct Socket End Connection

8622-015	<b>1-1/2</b>	12	0	026	40.00
8622-020	<b>2</b>	10	0	026	57.18

## Thermoplastic Valves Swing Check Ball Valve



- One-piece Combination for Applications Requiring In-line Ball Valve and Check Valves
- Compact, Space-Saving Design
- True Union Design Allows Easy Service and Cleaning
- High Grade EPDM Seals
- Replaceable PTFE HDPE Ball Valve Seats
- Safety-Blocked™ Seal Carrier on Ball Valve
- Replaceable Sealed Check Valve Cartridge
- Suitable for Horizontal or Vertical Up-flow Installations
- Socket End Connections

**General Installation Information:** Swing Check Ball Valves are designed for horizontal installations, but may be installed in up-flow only vertical position. The Check Valve portion **MUST** be installed with the valve's FLOW arrow pointing in the direction of flow and with the designated side up in horizontal installations. Do Not install Check Valve upside down. The Ball Valve portion may be rotated and installed in any position. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure is less than 0.5 psi.

**Pressure Rating @ 73°F (23°C), Water**  
 Full Flow (open)            150 psi  
 Back Pressure (closed)      75 psi  
**Maximum Service Temperature**  
 140°F (60°C)  
 Temperature/Pressure De-ratings Apply

### PVC Swing Check Ball Valve

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Soc x Soc</b>					
7622-015	1-1/2	10	0	026	40.44
7622-020	2	6	0	026	58.04



## Actuated Valves Actuated Valve Information

### Spears® Makes Valve Actuation Simple. . .

#### Sold in Pre-Matched Valve & Actuator Packages

Spears® makes actuation easy by matching each valve type and size with the appropriate actuator for proper operating torque and cycle time to assure optimum performance.

#### Accessory Add-ons Provide Custom Actuation Configurations

Spears® Premium Actuation Packages can be fully customized to user specifications by addition of selected control accessories purchased separately. Select from our wide variety of accessories and options or contact Spears® for virtually any special actuation need, even if not specified.

#### Complete Packages Factory Assembled - Ready for Installation

All actuation packages include valve, actuator mounting, coupling, and precision actuator factory assembled with any purchased accessories, ready for installation.

#### Easy Steps to Locate Desired Product

This catalog provides pricing for both Spears® economical Electro Series Actuated Ball Valves and Spears® full featured Premium Electric and Premium Pneumatic actuated valve packages with optional accessories. Actuated valve packages are listed in separate sections by valve type (ball, butterfly, diaphragm) and actuation type (electric, pneumatic). Optional accessories are listed and priced separately for assembly with the desired package. A complete listing of content is located at the end of this catalog. See Spears® Actuated Thermoplastic Valves Product Guide & Engineering Specification, for additional technical information on valve packages and accessories.

**Step 1: Select and Locate Desired Actuated Valve Type**

- Section I: Ball Valves
- Section II: Butterfly Valves
- Section III: Diaphragm Valves

**Step 2: Select and Locate Desired Actuation Type within Valve Section**

- Electric Actuated
- Pneumatic Actuated

**Step 3: Select and Locate Desired Material Type Pricing Table**

- PVC
- CPVC
- Polypropylene

**Step 4: Select and Locate Specific Part Number & Pricing According to Listed Options**

Individual pricing tables for actuated valve packages are organized by valve Size, Elastomer type (O-ring, seat, etc.), and valve configuration options such as End Connector (Joint) or other specified criteria. Unit List Price Each is located immediately below the Part Number. Product Discount Code is located in the far right column.

**Step 5: Select and Locate Desired Accessories (see important ordering information below)**

- Electric Actuator Accessories
- Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves
- Pneumatic Actuator Accessories for Diaphragm Valves

### Ordering Premium Valve Packages with Accessory Add-ons - IMPORTANT -

Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. **When Accessories are ordered for assembly with an actuated valve package, the suffix "-A" must be added to the actuated valve package part number being ordered.** Do not add this suffix if no accessories are being ordered or if ordering Electro Series Ball Valves. Example: Package part

number 21101A112-005 would be ordered as 21101A112-005-A **REQUIRED ORDER SEQUENCE:** Order line items should begin with the actuated valve package part number (with -A suffix) and be immediately followed by the selected accessory part number(s) as the next line item(s). This sequential listing of valve package and applicable accessories on the order assures that selected accessories are properly assembled with the selected package. Failure to follow this simple practice may result in unnecessary delays.

### Actuated Valve Packages Overview

Typical Package Illustration	Valve Type	Basic Valve Options				Actuation Package Available		
		Basic Valve Material	Size Range (inch)	Seal Material Options	End Connector Options	Premium Electric Actuation	Premium Pneumatic Actuation	Electro Series Actuation
	True Union 2000 Ball Valves	PVC	1/2 - 6	EPDM Viton®	Socket SR Thread Flanged	X	X	X 1/2" - 2"
		CPVC	1/2 - 6	EPDM Viton®	Socket SR Thread Flanged	X	X	X 1/2" - 2"
	Compact 2000 Ball Valves	PVC	1/2 - 6	EPDM Viton®	Socket Thread Flanged	X	X	X 1/2" - 2"
		CPVC	1/2 - 6	EPDM Viton®	Socket Thread Flanged	X	X	X 1/2" - 2"
	Butterfly Valves	PVC	1-1/2 - 12	Buna-N EPDM Viton®	Flanged	X	X	
		CPVC	1-1/2 - 12	Buna-N EPDM Viton®	Flanged	X	X	
		PP	1-1/2 - 24 <sup>1</sup>	EPDM Viton®	Flanged	X	X	
	Diaphragm Valves	PVC	1/2 - 4 <sup>2</sup>	Buna-N EPDM Viton® PTFE	Socket <sup>3</sup> Thread <sup>3</sup> Spigot <sup>4</sup> Flanged	X	X	
		CPVC	1/2 - 4 <sup>2</sup>	Buna-N EPDM Viton® PTFE	Socket Thread Spigot Flanged	X	X	
		PP	1/2 - 4 <sup>2</sup>	EPDM Viton®	Thread Flanged	X	X	

Notes: 1 - Butterfly Valves also available in sizes 30" - 60", quoted and produced to order. Contact Spears®.  
 2 - 2-1/2" to 4" Diaphragm Valves available in Flanged ends only.  
 3 - 1/2" - 2" Socket and Thread Diaphragm Valves are True Union style.  
 4 - Spigot Diaphragm Valves available in sizes 1/2" - 2" only.



## Actuated Valves Actuated Valve Information



The following table illustrates actuator features for Premium Electric actuators used in Actuated Valve Packages. Features specified as "Standard" are available on packages in this price sheet. Features specified as "Accessory" are included as package add-ons in this price sheet. Features specified as "Options" must be special ordered (contact Spears® for pricing).

### Electric Actuator Features Overview

Standard 2-Position Electric Actuator Features	Electro Series Ball Valves	Premium Electric TU Ball Valves	Premium Electric Butterfly Valves	Premium Electric Diaphragm Valves
Motor Rotation	Unidirectional	Reversing	Reversing	Reversing
NEMA Rating	4X	4	4	4
Enclosure Material	PP	Powder Coated Aluminum	Powder Coated Aluminum	Powder Coated Aluminum
Enclosure Conduit Entry	1/2NPT	1/2NPT	1/2NPT	1/2NPT
Voltage	115 VAC	115 VAC	115 VAC	115 VAC
Pre wired to terminal strip	Wired direct	Standard	Standard	Standard
Thermal Overload Protection	Standard	Standard	Standard	Standard
Basic Manual Override	—	Standard (1/2" – 2")	—	(Option)
Dec clutchable Manual Override	—	Standard (2-1/2" – 4")	Standard	Standard (2" – 4")
Limit Switches (SPDT)	1	2	2	2
Mounting Position	Any	Any	Any	Any
Permanent Lubrication	Standard	Standard	Standard	Standard
Friction Brake	—	—	Standard	—
Feedback Potentiometer	—	Standard	Standard	Standard
<b>Options &amp; Accessories</b>				
24 VAC	Option	Option	Option	Option
230 VAC	Option	Option	Option	Option
230 VAC 3-phase, 60 Hz	—	Option	Option	Option
230 VAC 3-phase, 50 Hz	—	Option	Option	Option
460 VAC 3-phase, 60 Hz	—	—	Option	—
460 VAC 3-phase, 50 Hz	—	—	Option	—
12 VDC	Option	Option	Option	Option
24 VDC	Option	Option	Option	Option
NEMA 4X, 7, 9 Rating	(4X Standard)	Option	Option	Option
Basic Manual Override	—	Standard (1/2" – 2")	—	Option
Dec clutchable Manual Override	—	Option (Standard on 4" – 6")	(Standard)	Option
Duty Cycle Upgrade	Option	Option	Option	Option
Spring Return (Fail Safe)	—	Option	Option	—
Positioner Board (Modulating)	—	Accessory	Accessory	Accessory
Additional Limit Switch Sets	—	Accessory	Accessory	Accessory
LED Indicator Lights	—	Accessory	Accessory	Accessory
Position Indicator (visual)	Standard	Standard	Standard	Accessory
Heater & Thermostat	—	Accessory	Accessory	Accessory
Torque Sensor	—	Accessory	Accessory	Standard
Speed Controller	—	Accessory	Accessory	Accessory
Timer Board	—	Accessory	Accessory	Accessory
Transmitter	—	Accessory	Accessory	Accessory
Controller Interface	—	Accessory	Accessory	Accessory
"2-Wire" Control Relay	Accessory	Accessory	Accessory	—
Friction Brake	—	Accessory	Standard	Accessory
ID Tag-SS	Accessory	Accessory	Accessory	Accessory

The following table illustrates actuator features for Premium Pneumatic actuators used in Actuated Valve Packages. Features specified as "Standard" are available on packages in this price sheet. Features specified as "Accessory" are included as package add-ons in this price sheet. Features specified as "Options" must be special ordered (contact Spears® for pricing).

**Please contact Spears® for any desired features or accessories not specified.**

### Pneumatic Actuator Features Overview

Standard Pneumatic Actuator Features	Premium Pneumatic TU Ball Valves	Premium Pneumatic Butterfly Valves	Premium Pneumatic Diaphragm Valves
Type	Dual Piston, Rack & Pinion	Dual Piston, Rack & Pinion	Linear Piston
Enclosure Material (ends/body)	Epoxy Coated/Hard Anodized Aluminum	Epoxy Coated/Hard Anodized Aluminum	PES-Polyestersulphone PP-Polypropylene
Standard Operation	Air-to-Air or Air-Spring Closed	Air-to-Air or Air-Spring Closed	Air-to-Air or Air-Spring Closed/Open
Standard Operating Pressure	80 psi	80 psi	80 psi
Air Connection Size	1/8"	1/8"	1/8"
Basic Manual Override	Standard	Standard	(Option)
<b>Options &amp; Accessories</b>			
Air-Spring Open	Option	Option	Option
40 psi Operating Pressure	Option	Option	—
60 psi Operating Pressure	Option	Option	Option
Basic Manual Override	(Standard)	(Standard)	Option
Dec clutchable Manual Override	Option	Option	—
Pneumatic Positioner	Accessory	Accessory	Accessory
Electro-Pneumatic Positioner	Accessory	Accessory	Accessory
Dome Position Indicator	Accessory	Accessory	Accessory
Pointer Indicator	Accessory	Accessory	—
3 & 4-Way Solenoid Valve	Accessory	Accessory	Accessory
Dual Power Solenoid Valve	Accessory	Accessory	—
Limit Switches	Accessory	Accessory	Accessory
Output Signal Limit Switches	Accessory	Accessory	—
3-Way "Dribble" Control Limit Switches	Accessory	Accessory	—
Stainless Steel Pressure Gauge Set	Accessory	Accessory	Accessory
Stem Extension	Accessory	Accessory	Accessory
ID Tag-SS	Accessory	Accessory	Accessory



## Actuated Valves Actuated Valve Information

### Additional Actuated Valve Configurations, Options & Accessories Not Specified

Spears® can provide virtually any actuation need for Spears® valves. The following actuated valve configurations, options and accessories not currently specified in this price sheet are a few of those available on a special order basis. See the **Accessories** sections for standard configuration and accessory options. Please contact Spears® for additional technical information or other custom actuation needs. Certain special order options and custom Actuation Packages may require extended lead times. Please contact Spears® for details.

#### Special Actuated Ball Valves

- Compact Ball Valves
- Single Entry Ball Valves
- True Union 2000 3-Way Vertical & Horizontal Ball Valves
- Vented Ball Valves

#### Special Actuated Butterfly Valves

- Tandem 3-Way - two valves operated from one actuator, both closing or both opening at the same time
- Tandem Diverting - two valves operated from one actuator, one opening while the other closes
- "No Seat" actuated Butterfly Valves for duct (damper) applications
- Polypropylene 30" to 60" Actuated Valves (custom produced)

#### Actuated Gate Valves

- PVC & CPVC Construction
- Sizes 1/2" - 4"
- Socket, Thread, Flange End Connections

#### Special Actuator Options

- Actuators Only
- Actuator Brackets Only
- Actuator Stem Extensions
- Double Powder Coated Electric Enclosures
- Stainless Steel Pneumatic Enclosures
- Electric Spring Return Open or Close with No Override
- Battery Back-up Electric Actuators

#### Special Switch Sets & Solenoids

- Single Limit Switch & Bracket Only (no actuator) for manual valves
- Double Limit Switch & Bracket Only (no actuator) for manual valves
- Dual Coil 5-Way Solenoid Valves

**Replacement Parts** Many replacement parts are available for Spears® electric and pneumatic actuators and valves. Contact Spears® for specific parts needed.

## Actuated Valves Electro Actuated Compact 2000 Ball Valve



General purpose industrial grade sealed unit design, 1/4-turn shutoff. Basic On-Off operation.



- Maintenance-free
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

### PVC Electro Actuated Compact 2000 Ball Valve

O-ring Joint	EPDM			Viton®			Disc Code
	Socket	Thread	Flanged	Socket	Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1404-005 <b>429.98</b>	E1406-005 <b>429.98</b>	E1408-005 <b>529.55</b>	E1405-005 <b>473.87</b>	E1407-005 <b>473.87</b>	E1409-005 <b>558.44</b>	496
<b>3/4</b>	E1404-007 <b>440.52</b>	E1406-007 <b>440.52</b>	E1408-007 <b>556.85</b>	E1405-007 <b>489.59</b>	E1407-007 <b>489.59</b>	E1409-007 <b>585.88</b>	496
<b>1</b>	E1404-010 <b>448.43</b>	E1406-010 <b>448.43</b>	E1408-010 <b>574.03</b>	E1405-010 <b>497.36</b>	E1407-010 <b>497.36</b>	E1409-010 <b>603.51</b>	496
<b>1-1/4</b>	E1504-012 <b>464.26</b>	E1506-012 <b>464.26</b>	E1508-012 <b>604.67</b>	E1505-012 <b>524.65</b>	E1507-012 <b>524.65</b>	E1509-012 <b>636.57</b>	496
<b>1-1/2</b>	E1504-015 <b>477.48</b>	E1506-015 <b>477.48</b>	E1508-015 <b>616.00</b>	E1505-015 <b>534.86</b>	E1507-015 <b>534.86</b>	E1509-015 <b>652.10</b>	496
<b>2</b>	E1504-020 <b>498.54</b>	E1506-020 <b>498.54</b>	E1508-020 <b>670.26</b>	E1505-020 <b>556.05</b>	E1507-020 <b>556.05</b>	E1509-020 <b>707.51</b>	496

### CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket	Thread	Flanged	Socket	Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1404-005C <b>437.88</b>	E1406-005C <b>437.88</b>	E1408-005C <b>546.85</b>	E1405-005C <b>489.15</b>	E1407-005C <b>489.15</b>	E1409-005C <b>576.84</b>	498
<b>3/4</b>	E1404-007C <b>453.71</b>	E1406-007C <b>453.71</b>	E1408-007C <b>578.44</b>	E1405-007C <b>509.10</b>	E1407-007C <b>509.10</b>	E1409-007C <b>605.18</b>	498
<b>1</b>	E1404-010C <b>474.81</b>	E1406-010C <b>474.81</b>	E1408-010C <b>592.95</b>	E1405-010C <b>517.24</b>	E1407-010C <b>517.24</b>	E1409-010C <b>623.48</b>	498
<b>1-1/4</b>	E1504-012C <b>503.83</b>	E1506-012C <b>503.83</b>	E1508-012C <b>638.34</b>	E1505-012C <b>545.47</b>	E1507-012C <b>545.47</b>	E1509-012C <b>661.52</b>	498
<b>1-1/2</b>	E1504-015C <b>514.36</b>	E1506-015C <b>514.36</b>	E1508-015C <b>646.30</b>	E1505-015C <b>552.37</b>	E1507-015C <b>552.37</b>	E1509-015C <b>673.77</b>	498
<b>2</b>	E1504-020C <b>559.23</b>	E1506-020C <b>559.23</b>	E1508-020C <b>696.40</b>	E1505-020C <b>573.83</b>	E1507-020C <b>573.83</b>	E1509-020C <b>731.29</b>	498



## Actuated Valves Electro Actuated True Union 2000 Standard Ball Valve



General Purpose True Union design, 1/4-turn shutoff. Basic On-Off operation.

- Blocked Seal Carrier
- PTFE/HDPE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

### PVC Electro Actuated True Union 2000 Standard Ball Valve

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1453-005 <b>446.24</b>	E1451-005SR <b>447.06</b>	E1457-005 <b>549.01</b>	E1454-005 <b>491.70</b>	E1452-005SR <b>492.62</b>	E1458-005 <b>604.90</b>	500
<b>3/4</b>	E1453-007 <b>455.98</b>	E1451-007SR <b>457.83</b>	E1457-007 <b>575.90</b>	E1454-007 <b>509.32</b>	E1452-007SR <b>511.19</b>	E1458-007 <b>641.77</b>	500
<b>1</b>	E1453-010 <b>469.69</b>	E1451-010SR <b>469.69</b>	E1457-010 <b>601.24</b>	E1454-010 <b>520.70</b>	E1452-010SR <b>522.72</b>	E1458-010 <b>666.63</b>	500
<b>1-1/4</b>	E1553-012 <b>481.07</b>	E1551-012SR <b>486.85</b>	E1557-012 <b>625.50</b>	E1554-012 <b>555.10</b>	E1552-012SR <b>560.78</b>	E1558-012 <b>721.55</b>	500
<b>1-1/2</b>	E1553-015 <b>508.94</b>	E1551-015SR <b>515.09</b>	E1557-015 <b>656.51</b>	E1554-015 <b>569.63</b>	E1552-015SR <b>575.90</b>	E1558-015 <b>734.94</b>	500
<b>2</b>	E1553-020 <b>539.27</b>	E1551-020SR <b>545.95</b>	E1557-020 <b>722.66</b>	E1554-020 <b>599.59</b>	E1552-020SR <b>605.88</b>	E1558-020 <b>803.50</b>	500

### CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1453-005C <b>462.34</b>	E1451-005CSR <b>464.90</b>	E1457-005C <b>571.86</b>	E1454-005C <b>516.29</b>	E1452-005CSR <b>518.83</b>	E1458-005C <b>638.16</b>	502
<b>3/4</b>	E1453-007C <b>483.03</b>	E1451-007CSR <b>486.63</b>	E1457-007C <b>613.14</b>	E1454-007C <b>541.30</b>	E1452-007CSR <b>544.98</b>	E1458-007C <b>686.64</b>	502
<b>1</b>	E1455-010C <b>507.74</b>	E1451-010CSR <b>507.74</b>	E1457-010C <b>656.51</b>	E1454-010C <b>553.30</b>	E1452-010CSR <b>558.37</b>	E1458-010C <b>714.72</b>	502
<b>1-1/4</b>	E1555-012C <b>538.76</b>	E1551-012CSR <b>546.84</b>	E1557-012C <b>710.91</b>	E1554-012C <b>584.38</b>	E1552-012CSR <b>592.54</b>	E1558-012C <b>770.31</b>	502
<b>1-1/2</b>	E1555-015C <b>555.83</b>	E1551-015CSR <b>569.74</b>	E1557-015C <b>735.03</b>	E1554-015C <b>598.48</b>	E1552-015CSR <b>612.31</b>	E1558-015C <b>789.86</b>	502
<b>2</b>	E1555-020C <b>616.98</b>	E1551-020CSR <b>631.95</b>	E1557-020C <b>788.36</b>	E1554-020C <b>636.51</b>	E1552-020CSR <b>651.56</b>	E1558-020C <b>852.17</b>	502

**Actuated Valves**  
**Electro Actuated True Union 2000 Industrial Ball Valve**



Industrial grade True Union design, 1/4-turn shutoff. Basic On-Off operation.

- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

**PVC Electro Actuated Industrial Ball Valve**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1459-005 <b>457.83</b>	E1463-005SR <b>460.40</b>	E1465-005 <b>557.49</b>	E1460-005 <b>504.65</b>	E1464-005SR <b>507.21</b>	E1466-005 <b>589.09</b>	500
<b>3/4</b>	E1459-007 <b>469.73</b>	E1463-007SR <b>473.38</b>	E1465-007 <b>586.04</b>	E1460-007 <b>524.66</b>	E1464-007SR <b>528.32</b>	E1466-007 <b>620.98</b>	500
<b>1</b>	E1459-010 <b>486.00</b>	E1463-010SR <b>491.07</b>	E1465-010 <b>610.47</b>	E1460-010 <b>538.93</b>	E1464-010SR <b>543.99</b>	E1466-010 <b>645.07</b>	500
<b>1-1/4</b>	E1559-012 <b>503.77</b>	E1563-012SR <b>511.89</b>	E1565-012 <b>644.17</b>	E1560-012 <b>599.14</b>	E1564-012SR <b>607.28</b>	E1566-012 <b>695.24</b>	500
<b>1-1/2</b>	E1559-015 <b>536.37</b>	E1563-015SR <b>550.29</b>	E1565-015 <b>674.93</b>	E1560-015 <b>600.15</b>	E1564-015SR <b>614.06</b>	E1566-015 <b>717.31</b>	500
<b>2</b>	E1559-020 <b>575.46</b>	E1563-020SR <b>590.53</b>	E1565-020 <b>747.16</b>	E1560-020 <b>639.07</b>	E1564-020SR <b>654.14</b>	E1566-020 <b>790.22</b>	500

**CPVC**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1459-005C <b>477.69</b>	E1463-005CSR <b>480.27</b>	E1465-005C <b>586.71</b>	E1460-005C <b>533.32</b>	E1464-005CSR <b>538.46</b>	E1466-005C <b>620.64</b>	502
<b>3/4</b>	E1459-007C <b>502.47</b>	E1463-007CSR <b>506.10</b>	E1465-007C <b>627.09</b>	E1460-007C <b>562.83</b>	E1464-007CSR <b>582.65</b>	E1466-007C <b>663.89</b>	502
<b>1</b>	E1459-010C <b>530.78</b>	E1463-010CSR <b>535.84</b>	E1465-010C <b>648.95</b>	E1460-010C <b>579.00</b>	E1464-010CSR <b>584.00</b>	E1466-010C <b>685.09</b>	502
<b>1-1/4</b>	E1559-012C <b>575.52</b>	E1563-012CSR <b>583.70</b>	E1565-012C <b>696.28</b>	E1560-012C <b>625.21</b>	E1564-012CSR <b>633.35</b>	E1566-012C <b>741.31</b>	502
<b>1-1/2</b>	E1559-015C <b>594.64</b>	E1563-015CSR <b>608.56</b>	E1565-015C <b>741.15</b>	E1560-015C <b>627.12</b>	E1564-015CSR <b>641.10</b>	E1566-015C <b>766.21</b>	502
<b>2</b>	E1559-020C <b>701.21</b>	E1563-020CSR <b>716.30</b>	E1565-020C <b>835.45</b>	E1560-020C <b>732.59</b>	E1564-020CSR <b>747.84</b>	E1566-020C <b>860.01</b>	502



**Actuated Valves**  
**Premium Actuated True Union 2000 Industrial Ball Valve - Electric**



Industrial grade True Union design, 1/4-turn shutoff for a wide range of applications. Full-featured actuator can be custom configured with add-on accessories.

- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 1/2" - 4" 235 psi @ 73°F (23°C)
- 6" and all flanged 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Manual Override (shown)
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

**PVC**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21101A112-005 684.48	23101A112-005 685.47	24101A112-005 704.36	21201A112-005 689.66	23201A112-005 690.67	24201A112-005 708.77	500
3/4	21101A112-007 692.91	23101A112-007 695.29	24101A112-007 721.98	21201A112-007 699.07	23201A112-007 701.46	24201A112-007 729.32	500
1	21101A112-010 709.38	23101A112-010 711.74	24101A112-010 745.60	21201A112-010 716.78	23201A112-010 719.13	24201A112-010 753.23	500
1-1/4	21101A112-012 734.34	23101A112-012 741.49	24101A112-012 763.24	21201A112-012 759.23	23201A112-012 766.38	24201A112-012 776.46	500
1-1/2	21101A112-015 752.76	23101A112-015 760.46	24101A112-015 794.13	21201A112-015 764.70	23201A112-015 772.41	24201A112-015 807.33	500
2	21101A112-020 829.38	23101A112-020 837.73	24101A112-020 924.83	21201A112-020 843.84	23201A112-020 852.07	24201A112-020 939.32	500
2-1/2	21101A111-025 1401.87	23101A111-025 1424.37	24101A111-025 1567.38	21201A111-025 1499.60	23201A111-025 1522.05	24201A111-025 1574.67	500
3	21101A111-030 1489.51	23101A111-030 1512.01	24101A111-030 1613.82	21201A111-030 1529.85	23201A111-030 1552.32	24201A111-030 1731.48	500
4	21101A121-040 2482.86	23101A121-040 2509.12	24101A121-040 2849.23	21201A121-040 2958.27	23201A121-040 2577.26	24201A121-040 3005.14	500
6	21101A121-060 3502.81	23101A121-060 3540.27	24101A121-060 4263.89	21201A121-060 3648.13	23201A121-060 3685.60	24201A121-060 4596.50	500

**CPVC**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21102A112-005 699.27	23102A112-005 700.24	24102A112-005 741.81	21202A112-005 706.04	23202A112-005 707.06	24202A112-005 744.03	502
3/4	21102A112-007 715.12	23102A112-007 717.52	24102A112-007 765.19	21202A112-007 723.66	23202A112-007 726.07	24202A112-007 770.47	502
1	21102A112-010 735.73	23102A112-010 738.13	24102A112-010 789.54	21202A112-010 745.90	23202A112-010 748.29	24202A112-010 798.52	502
1-1/4	21102A112-012 789.70	23102A112-012 796.90	24102A112-012 861.38	21202A112-012 805.95	23202A112-012 813.14	24202A112-012 868.96	502
1-1/2	21102A112-015 797.89	23102A112-015 805.57	24102A112-015 883.07	21202A112-015 814.93	23202A112-015 822.67	24202A112-015 891.05	502
2	21102A112-020 891.67	23102A112-020 900.04	24102A112-020 1018.54	21202A112-020 922.40	23202A112-020 930.78	24202A112-020 1082.01	502
2-1/2	21102A111-025 1587.38	23102A111-025 1609.86	24102A111-025 1746.99	21202A111-025 1638.52	23202A111-025 1661.00	24202A111-025 1871.22	502
3	21102A111-030 1665.36	23102A111-030 1687.82	24102A111-030 2033.85	21202A111-030 1725.21	23202A111-030 1747.71	24202A111-030 2054.53	502
4	21102A121-040 2845.87	23102A121-040 2872.12	24102A121-040 3460.83	21202A121-040 2954.35	23202A121-040 2980.57	24202A121-040 3524.47	502
6	21102A121-060 4256.40	23102A121-060 4313.34	24102A121-060 5567.34	21202A121-060 4487.13	23202A121-060 4544.05	24202A121-060 5702.16	502

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.



**Actuated Valves**  
**Premium Actuated True Union 2000 Industrial Ball Valve - Pneumatic**



Industrial grade True Union design, 1/4-turn shutoff for a wide range of applications. Full-featured actuator can be custom configured with add-on accessories.



- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 1/2" - 4" 235 psi @ 73°F (23°C)
- 6" and all flanged
- 150 psi @ 73°F (23°C)
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

**PVC**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2 Air to Air	21101H101-005 372.83	23101H101-005 373.82	24101H101-005 392.70	21201H101-005 378.02	23201H101-005 379.04	24201H101-005 397.14	530
1/2 Air to Spring	21101J101-005 438.77	23101J101-005 439.76	24101J101-005 458.63	21201J101-005 443.95	23201J101-005 444.97	24201J101-005 463.06	530
3/4 Air to Air	21101H101-007 381.29	23101H101-007 383.65	24101H101-007 410.36	21201H101-007 387.41	23201H101-007 389.84	24201H101-007 417.70	530
3/4 Air to Spring	21101J101-007 447.21	23101J101-007 449.60	24101J101-007 476.28	21201J101-007 453.37	23201J101-007 455.76	24201J101-007 483.63	530
1 Air to Air	21101H101-010 397.72	23101H101-010 400.11	24101H101-010 433.98	21201H101-010 405.14	23201H101-010 407.50	24201H101-010 441.62	530
1 Air to Spring	21101J101-010 463.66	23101J101-010 466.02	24101J101-010 499.88	21201J101-010 471.06	23201J101-010 473.41	24201J101-010 701.47	530
1-1/4 Air to Air	21101H101-012 422.71	23101H101-012 429.86	24101H101-012 451.63	21201H101-012 447.62	23201H101-012 454.77	24201H101-012 464.83	530
1-1/4 Air to Spring	21101J101-012 488.64	23101J101-012 495.79	24101J101-012 517.54	21201J101-012 513.53	23201J101-012 520.69	24201J101-012 530.74	530
1-1/2 Air to Air	21101H101-015 441.13	23101H101-015 448.83	24101H101-015 482.48	21201H101-015 453.04	23201H101-015 460.80	24201H101-015 495.69	530
1-1/2 Air to Spring	21101J101-015 507.04	23101J101-015 514.74	24101J101-015 548.41	21201J101-015 518.98	23201J101-015 526.71	24201J101-015 561.61	530
2 Air to Air	21101H101-020 517.76	23101H101-020 526.11	24101H101-020 613.20	21201H101-020 532.22	23201H101-020 540.43	24201H101-020 627.68	530
2 Air to Spring	21101J101-020 673.41	23101J101-020 681.91	24101J101-020 769.03	21201J101-020 688.05	23201J101-020 696.24	24201J101-020 783.50	530
2-1/2 Air to Air	21101H101-025 799.59	23101H101-025 822.10	24101H101-025 965.13	21201H101-025 897.31	23201H101-025 919.78	24201H101-025 972.38	530
2-1/2 Air to Spring	21101J101-025 928.44	23101J101-025 950.93	24101J101-025 1093.96	21201J101-025 1026.14	23201J101-025 1048.63	24201J101-025 1101.26	530
3 Air to Air	21101H101-030 887.23	23101H101-030 909.72	24101H101-030 1011.53	21201H101-030 927.56	23201H101-030 950.05	24201H101-030 1129.20	530
3 Air to Spring	21101J101-030 1016.09	23101J101-030 1038.60	24101J101-030 1140.37	21201J101-030 1056.39	23201J101-030 1078.88	24201J101-030 1258.03	530
4 Air to Air	21101H101-040 1257.32	23101H101-040 1337.51	24101H101-040 1623.69	21201H101-040 1325.47	23201H101-040 1351.72	24201H101-040 1779.61	530
4 Air to Spring	21101J101-040 1503.03	23101J101-040 1529.29	24101J101-040 1869.39	21201J101-040 1571.16	23201J101-040 1597.41	24201J101-040 2025.31	530
6 Air to Air	21101H101-060 2253.31	23101H101-060 2290.77	24101H101-060 3014.39	21201H101-060 2398.63	23201H101-060 2436.07	24201H101-060 3346.99	530
6 Air to Spring	21101J101-060 2735.73	23101J101-060 2773.18	24101J101-060 3496.82	21201J101-060 2881.05	23201J101-060 2918.50	24201J101-060 3829.43	530

NOTE:"Socket" valves up to 2" size include standard plastic thread end connectors.

For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2 Air to Air	21102H101-005 387.64	23102H101-005 388.63	24102H101-005 430.16	21202H101-005 394.43	23202H101-005 395.44	24202H101-005 432.40	532
1/2 Air to Spring	21102J101-005 453.56	23102J101-005 454.55	24102J101-005 496.09	21202J101-005 460.34	23202J101-005 461.36	24202J101-005 796.76	532
3/4 Air to Air	21102H101-007 403.49	23102H101-007 405.88	24102H101-007 453.56	21202H101-007 412.03	23202H101-007 414.43	24202H101-007 458.83	532
3/4 Air to Spring	21102J101-007 469.40	23102J101-007 471.81	24102J101-007 519.49	21202J101-007 477.95	23202J101-007 480.34	24202J101-007 828.75	532

Made in the U.S.A.

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 Progressive Products from Spears® Innovation and Technology

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**Actuated Valves  
Premium Actuated True Union 2000 Industrial Ball Valve - Pneumatic**

**CPVC (continued)**

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
<b>1 Air to Air</b>	21102H101-010 <b>424.11</b>	23102H101-010 <b>426.52</b>	24102H101-010 <b>477.91</b>	21202H101-010 <b>434.27</b>	23202H101-010 <b>436.66</b>	24202H101-010 <b>486.88</b>	532
<b>1 Air to Spring</b>	21102J101-010 <b>490.03</b>	23102J101-010 <b>492.43</b>	24102J101-010 <b>543.83</b>	21202J101-010 <b>500.19</b>	23202J101-010 <b>502.59</b>	24202J101-010 <b>849.17</b>	532
<b>1-1/4 Air to Air</b>	21102H101-012 <b>478.07</b>	23102H101-012 <b>485.28</b>	24102H101-012 <b>549.77</b>	21202H101-012 <b>494.31</b>	23202H101-012 <b>501.50</b>	24202H101-012 <b>557.33</b>	532
<b>1-1/4 Air to Spring</b>	21102J101-012 <b>544.00</b>	23102J101-012 <b>551.19</b>	24102J101-012 <b>615.67</b>	21202J101-012 <b>560.24</b>	23202J101-012 <b>567.43</b>	24202J101-012 <b>902.79</b>	532
<b>1-1/2 Air to Air</b>	21102H101-015 <b>486.27</b>	23102H101-015 <b>493.97</b>	24102H101-015 <b>571.45</b>	21202H101-015 <b>503.31</b>	23202H101-015 <b>511.02</b>	24202H101-015 <b>579.43</b>	532
<b>1-1/2 Air to Spring</b>	21102J101-015 <b>552.18</b>	23102J101-015 <b>559.88</b>	24102J101-015 <b>637.37</b>	21202J101-015 <b>569.22</b>	23202J101-015 <b>576.96</b>	24202J101-015 <b>928.07</b>	532
<b>2 Air to Air</b>	21102H101-020 <b>580.03</b>	23102H101-020 <b>588.41</b>	24102H101-020 <b>706.90</b>	21202H101-020 <b>610.80</b>	23202H101-020 <b>619.16</b>	24202H101-020 <b>770.37</b>	532
<b>2 Air to Spring</b>	21102J101-020 <b>735.86</b>	23102J101-020 <b>744.21</b>	24102J101-020 <b>862.72</b>	21202J101-020 <b>766.61</b>	23202J101-020 <b>774.95</b>	24202J101-020 <b>1289.99</b>	532
<b>2-1/2 Air to Air</b>	21102H101-025 <b>985.10</b>	23102H101-025 <b>1007.57</b>	24102H101-025 <b>1144.72</b>	21202H101-025 <b>1036.23</b>	23202H101-025 <b>1058.72</b>	24202H101-025 <b>1268.95</b>	532
<b>2-1/2 Air to Spring</b>	21102J101-025 <b>1113.95</b>	23102J101-025 <b>1136.41</b>	24102J101-025 <b>1273.56</b>	21202J101-025 <b>1165.10</b>	23202J101-025 <b>1187.56</b>	24202J101-025 <b>1397.80</b>	532
<b>3 Air to Air</b>	21102H101-030 <b>1063.07</b>	23102H101-030 <b>1085.54</b>	24102H101-030 <b>1431.56</b>	21202H101-030 <b>1122.94</b>	23202H101-030 <b>1145.45</b>	24202H101-030 <b>1452.24</b>	532
<b>3 Air to Spring</b>	21102J101-030 <b>1191.90</b>	23102J101-030 <b>1214.38</b>	24102J101-030 <b>1560.40</b>	21202J101-030 <b>1251.78</b>	23202J101-030 <b>1274.29</b>	24202J101-030 <b>1588.57</b>	532
<b>4 Air to Air</b>	21102H101-040 <b>1620.34</b>	23102H101-040 <b>1646.59</b>	24102H101-040 <b>2235.30</b>	21202H101-040 <b>1728.80</b>	23202H101-040 <b>1755.06</b>	24202H101-040 <b>2298.94</b>	532
<b>4 Air to Spring</b>	21102J101-040 <b>1866.05</b>	23102J101-040 <b>1892.30</b>	24102J101-040 <b>2481.00</b>	21202J101-040 <b>1974.52</b>	23202J101-040 <b>2000.77</b>	24202J101-040 <b>2746.00</b>	532
<b>6 Air to Air</b>	21102H101-060 <b>3006.89</b>	23102H101-060 <b>3063.82</b>	24102H101-060 <b>4317.83</b>	21202H101-060 <b>3237.63</b>	23202H101-060 <b>3294.56</b>	24202H101-060 <b>4452.67</b>	532
<b>6 Air to Spring</b>	21102J101-060 <b>3489.33</b>	23102J101-060 <b>3546.27</b>	24102J101-060 <b>4800.24</b>	21202J101-060 <b>3720.04</b>	23202J101-060 <b>3776.97</b>	24202J101-060 <b>4935.11</b>	532

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

## Actuated Valves Premium Actuated Standard Butterfly Valve - Electric



Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.



- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12"),  
14"-100 psi, 16"-85 psi,  
18"-70 psi, 20"-24"-50 psi
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41101A121-015 <b>1486.06</b>	41201A121-015 <b>1486.06</b>	41301A121-015 <b>1734.51</b>	510
2	41101A121-020 <b>1526.11</b>	41201A121-020 <b>1526.11</b>	41301A121-020 <b>1772.45</b>	510
2-1/2	41101A121-025 <b>1549.45</b>	41201A121-025 <b>1549.45</b>	41301A121-025 <b>1804.12</b>	510
3	41101A121-030 <b>1816.38</b>	41201A121-030 <b>1816.38</b>	41301A121-030 <b>2075.26</b>	510
4	41101A121-040 <b>1998.97</b>	41201A121-040 <b>1998.97</b>	41301A121-040 <b>2349.70</b>	510
6	41101A121-060 <b>2714.95</b>	41201A121-060 <b>2714.95</b>	41301A121-060 <b>3316.26</b>	510
8	41101A121-080 <b>3072.33</b>	41201A121-080 <b>3072.33</b>	41301A121-080 <b>4066.11</b>	510
10	41101A121-100 <b>4452.88</b>	41201A121-100 <b>4452.88</b>	41301A121-100 <b>6440.39</b>	510
12	41101A123-120 <b>5586.90</b>	41201A123-120 <b>5586.90</b>	41301A123-120 <b>8647.53</b>	510

### Polypropylene (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
14, 16, 18, 20 & 24 - Price On Application				

**NOTE:** Due to variations in potential system operating conditions, 14" -24" Actuated Butterfly Valve packages are sized and priced according to application parameters. Please contact Spears® for additional information.

### CPVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41102A121-015 <b>1584.20</b>	41202A121-015 <b>1584.20</b>	41302A121-015 <b>1914.07</b>	512
2	41102A121-020 <b>1622.14</b>	41202A121-020 <b>1622.14</b>	41302A121-020 <b>1943.63</b>	512
2-1/2	41102A121-025 <b>1651.72</b>	41202A121-025 <b>1651.72</b>	41302A121-025 <b>1987.86</b>	512
3	41102A121-030 <b>1941.64</b>	41202A121-030 <b>1941.64</b>	41302A121-030 <b>2313.27</b>	512
4	41102A121-040 <b>2145.10</b>	41202A121-040 <b>2365.93</b>	41302A121-040 <b>2654.55</b>	512
6	41102A121-060 <b>2932.10</b>	41202A121-060 <b>2932.10</b>	41302A121-060 <b>3804.76</b>	512
8	41102A121-080 <b>3448.12</b>	41202A121-080 <b>3448.12</b>	41302A121-080 <b>4892.86</b>	512
10	41102A121-100 <b>5200.31</b>	41202A121-100 <b>5200.31</b>	41302A121-100 <b>8102.23</b>	512
12	41102A123-120 <b>6572.31</b>	41202A123-120 <b>6572.31</b>	41302A123-120 <b>10344.87</b>	512

### Polypropylene

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41103A121-015 <b>1692.07</b>	41203A121-015 <b>1692.07</b>	41303A121-015 <b>2118.51</b>	514
2	41103A121-020 <b>1715.85</b>	41203A121-020 <b>1715.85</b>	41303A121-020 <b>2149.12</b>	514
2-1/2	41103A121-025 <b>1747.84</b>	41203A121-025 <b>1747.84</b>	41303A121-025 <b>2196.44</b>	514
3	41103A121-030 <b>2022.82</b>	41203A121-030 <b>2022.82</b>	41303A121-030 <b>2480.90</b>	514
4	41103A121-040 <b>2231.88</b>	41203A121-040 <b>2231.88</b>	41303A121-040 <b>2845.76</b>	514
6	41103A121-060 <b>3076.01</b>	41203A121-060 <b>3076.01</b>	41303A121-060 <b>4116.70</b>	514
8	41103A121-080 <b>3686.35</b>	41203A121-080 <b>3686.35</b>	41303A121-080 <b>5428.51</b>	514
10	41103A121-100 <b>5672.90</b>	41203A121-100 <b>5672.90</b>	41303A121-100 <b>9173.52</b>	514
12	41103A123-120 <b>7171.20</b>	41203A123-120 <b>7171.20</b>	41303A123-120 <b>12553.60</b>	514



## Actuated Valves Premium Actuated Standard Butterfly Valve - Pneumatic

Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.



- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12")
- 14"-100 psi, 16"- 85 psi, 18"-70 psi, 20"-24"-50 psi
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

NOTE: Due to variations in potential system operating conditions, 14" -24" Actuated Butterfly Valve packages are sized and priced according to application parameters. Please contact Spears® for additional information.

### PVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41101H101-015 590.15	41201H101-015 590.15	41301H101-015 838.59	540
1-1/2 Air to Spring	41101J101-015 656.06	41201J101-015 656.06	41301J101-015 904.49	540
2 Air to Air	41101H101-020 630.17	41201H101-020 630.17	41301H101-020 876.52	540
2 Air to Spring	41101J101-020 785.99	41201J101-020 785.99	41301J101-020 1032.32	540
2-1/2 Air to Air	41101H101-025 653.53	41201H101-025 653.53	41301H101-025 908.19	540
2-1/2 Air to Spring	41101J101-025 869.27	41201J101-025 869.27	41301J101-025 1123.94	540
3 Air to Air	41101H101-030 761.67	41201H101-030 761.67	41301H101-030 1020.52	540
3 Air to Spring	41101J101-030 938.45	41201J101-030 938.45	41301J101-030 1197.31	540
4 Air to Air	41101H101-040 893.29	41201H101-040 893.29	41301H101-040 1244.01	540
4 Air to Spring	41101J101-040 1138.99	41201J101-040 1138.99	41301J101-040 1489.71	540
6 Air to Air	41101H101-060 1252.71	41201H101-060 1252.71	41301H101-060 1854.00	540
6 Air to Spring	41101J101-060 1735.13	41201J101-060 1735.13	41301J101-060 2336.43	540
8 Air to Air	41101H101-080 1777.88	41201H101-080 1777.88	41301H101-080 2771.66	540
8 Air to Spring	41101J101-080 2455.09	41201J101-080 2455.09	41301J101-080 3448.84	540
10 Air to Air	41101H101-100 2649.04	41201H101-100 2649.04	41301H101-100 4636.56	540
10 Air to Spring	41101J101-100 3841.61	41201J101-100 3841.61	41301J101-100 5829.13	540
12 Air to Air	41101H101-120 3135.83	41201H101-120 3135.83	41301H101-120 6196.46	540
12 Air to Spring	41101J101-120 4328.41	41201J101-120 4328.41	41301J101-120 7389.02	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### CPVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41102H101-015 688.29	41202H101-015 688.29	41302H101-015 1018.14	542
1-1/2 Air to Spring	41102J101-015 754.20	41202J101-015 754.20	41302J101-015 1084.06	542
2 Air to Air	41102H101-020 726.21	41202H101-020 726.21	41302H101-020 1047.71	542
2 Air to Spring	41102J101-020 882.03	41202J101-020 882.03	41302J101-020 1203.50	542
2-1/2 Air to Air	41102H101-025 755.79	41202H101-025 755.79	41302H101-025 1091.93	542
2-1/2 Air to Spring	41102J101-025 971.93	41202J101-025 971.93	41302J101-025 1307.68	542
3 Air to Air	41102H101-030 886.91	41202H101-030 886.91	41302H101-030 1258.52	542

### CPVC (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
3 Air to Spring	41102J101-030 1063.69	41202J101-030 1063.69	41302J101-030 1435.31	542
4 Air to Air	41102H101-040 1039.41	41202H101-040 1039.41	41302H101-040 1548.88	542
4 Air to Spring	41102J101-040 1285.12	41202J101-040 1285.12	41302J101-040 1794.59	542
6 Air to Air	41102H101-060 1469.82	41202H101-060 1469.82	41302H101-060 2342.51	542
6 Air to Spring	41102J101-060 1952.26	41202J101-060 1952.26	41302J101-060 2824.93	542
8 Air to Air	41102H101-080 2153.67	41202H101-080 2153.67	41302H101-080 3598.43	542
8 Air to Spring	41102J101-080 2830.85	41202J101-080 2830.85	41302J101-080 4275.61	542
10 Air to Air	41102H101-100 3396.47	41202H101-100 3396.47	41302H101-100 6298.41	542
10 Air to Spring	41102J101-100 4589.04	41202J101-100 4589.04	41302J101-100 7490.97	542
12 Air to Air	41102H101-120 4121.24	41202H101-120 4121.24	41302H101-120 7893.81	542
12 Air to Spring	41102J101-120 5313.81	41202J101-120 5313.81	41302J101-120 9086.37	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### Polypropylene

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41103H101-015 796.15	41203H101-015 796.15	41303H101-015 1222.59	544
1-1/2 Air to Spring	41103J101-015 862.06	41203J101-015 862.06	41303J101-015 1288.50	544
2 Air to Air	41103H101-020 819.93	41203H101-020 819.93	41303H101-020 1253.19	544
2 Air to Spring	41103J101-020 975.76	41203J101-020 975.76	41303J101-020 1409.00	544
2-1/2 Air to Air	41103H101-025 851.90	41203H101-025 851.90	41303H101-025 1300.51	544
2-1/2 Air to Spring	41103J101-025 1067.66	41203J101-025 1067.66	41303J101-025 1516.26	544
3 Air to Air	41103H101-030 968.09	41203H101-030 968.09	41303H101-030 1426.18	544
3 Air to Spring	41103J101-030 1144.87	41203J101-030 1144.87	41303J101-030 1602.97	544
4 Air to Air	41103H101-040 1126.20	41203H101-040 1126.20	41303H101-040 1740.07	544
4 Air to Spring	41103J101-040 1371.90	41203J101-040 1371.90	41303J101-040 1985.78	544
6 Air to Air	41103H101-060 1613.76	41203H101-060 1613.76	41303H101-060 2654.47	544
6 Air to Spring	41103J101-060 2096.17	41203J101-060 2096.17	41303J101-060 3136.87	544
8 Air to Air	41103H101-080 2391.89	41203H101-080 2391.89	41303H101-080 4134.06	544
8 Air to Spring	41103J101-080 3069.07	41203J101-080 3069.07	41303J101-080 3462.87	544
10 Air to Air	41103H101-100 3869.05	41203H101-100 3869.05	41303H101-100 7369.67	544

**Actuated Valves**  
**Premium Actuated Standard Butterfly Valve - Pneumatic**



**Polypropylene (continued)**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>10 Air to Spring</b>	41103J101-100 <b>5061.64</b>	41203J101-100 <b>5061.64</b>	41303J101-100 <b>8562.24</b>	544
<b>12 Air to Air</b>	41103H101-120 <b>4720.14</b>	41203H101-120 <b>4720.14</b>	41303H101-120 <b>10102.52</b>	544
<b>12 Air to Spring</b>	41103J101-120 <b>5912.71</b>	41203J101-120 <b>5912.71</b>	41303J101-120 <b>11295.11</b>	544

14, 16, 18, 20 & 24 - Price On Application  
 NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.



## Actuated Valves Premium Actuated Lug Insert Butterfly Valve - Electric

Industrial grade valve with factory assembled lug inserts. Patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.



- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- Zinc or SS Lug Inserts
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41121A121-015 <b>1564.73</b>	41221A121-015 <b>1564.73</b>	41321A121-015 <b>1790.54</b>	510
2	41121A121-020 <b>1608.03</b>	41221A121-020 <b>1608.03</b>	41321A121-020 <b>1844.66</b>	510
2-1/2	41121A121-025 <b>1651.30</b>	41221A121-025 <b>1651.30</b>	41321A121-025 <b>1859.53</b>	510
3	41121A121-030 <b>2118.07</b>	41221A121-030 <b>2118.07</b>	41321A121-030 <b>2343.89</b>	510
4	41121A121-040 <b>2832.62</b>	41221A121-040 <b>2832.62</b>	41321A121-040 <b>3109.80</b>	510
6	41121A121-060 <b>3768.12</b>	41221A121-060 <b>3768.12</b>	41321A121-060 <b>4269.76</b>	510
8	41121A121-080 <b>4136.55</b>	41221A121-080 <b>4136.55</b>	41321A121-080 <b>5114.15</b>	510
10	41121A121-100 <b>6408.66</b>	41221A121-100 <b>6408.66</b>	41321A121-100 <b>8332.74</b>	510
12	41121A123-120 <b>7725.68</b>	41221A123-120 <b>7725.68</b>	41321A123-120 <b>10421.83</b>	510

### CPVC - Stainless Steel Lug Inserts (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
12	41122A123-120 <b>8642.41</b>	41222A123-120 <b>8642.41</b>	41322A123-120 <b>11778.02</b>	512

### CPVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41112A121-015 <b>1626.94</b>	41212A121-015 <b>1626.94</b>	41312A121-015 <b>1958.73</b>	512
2	41112A121-020 <b>1679.69</b>	41212A121-020 <b>1679.69</b>	41312A121-020 <b>1972.44</b>	512
2-1/2	41112A121-025 <b>1686.47</b>	41212A121-025 <b>1686.47</b>	41312A121-025 <b>2002.60</b>	512
3	41112A121-030 <b>2153.23</b>	41212A121-030 <b>2153.23</b>	41312A121-030 <b>2395.27</b>	512
4	41112A121-040 <b>2851.60</b>	41212A121-040 <b>2851.55</b>	41312A121-040 <b>3196.34</b>	512
6	41112A121-060 <b>3853.31</b>	41212A121-060 <b>3853.31</b>	41312A121-060 <b>4391.46</b>	512
8	41112A121-080 <b>4231.20</b>	41212A121-080 <b>4231.20</b>	41312A121-080 <b>5540.06</b>	512
10	41112A121-100 <b>6606.06</b>	41212A121-100 <b>6606.06</b>	41312A121-100 <b>8873.60</b>	512
12	41112A123-120 <b>7954.19</b>	41212A123-120 <b>7954.19</b>	41312A123-120 <b>11407.54</b>	512

### PVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41111A121-015 <b>1504.71</b>	41211A121-015 <b>1504.71</b>	41311A121-015 <b>1745.24</b>	510
2	41111A121-020 <b>1551.24</b>	41211A121-020 <b>1551.24</b>	41311A121-020 <b>1883.33</b>	510
2-1/2	41111A121-025 <b>1571.65</b>	41211A121-025 <b>1571.65</b>	41311A121-025 <b>1829.11</b>	510
3	41111A121-030 <b>2038.30</b>	41211A121-030 <b>2038.30</b>	41311A121-030 <b>2231.67</b>	510
4	41111A121-040 <b>2689.30</b>	41211A121-040 <b>2689.30</b>	41311A121-040 <b>2927.27</b>	510
6	41111A121-060 <b>3580.17</b>	41211A121-060 <b>3580.17</b>	41311A121-060 <b>4008.81</b>	510
8	41111A121-080 <b>3902.63</b>	41211A121-080 <b>3902.63</b>	41311A121-080 <b>4861.29</b>	510
10	41111A121-100 <b>5939.48</b>	41211A121-100 <b>5939.48</b>	41311A121-100 <b>7575.55</b>	510
12	41111A123-120 <b>7183.48</b>	41211A123-120 <b>7183.48</b>	41311A123-120 <b>10269.03</b>	510

### CPVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41122A121-015 <b>1722.93</b>	41222A121-015 <b>1722.93</b>	41322A121-015 <b>2006.88</b>	512
2	41122A121-020 <b>1774.34</b>	41222A121-020 <b>1774.34</b>	41322A121-020 <b>2048.82</b>	512
2-1/2	41122A121-025 <b>1781.11</b>	41222A121-025 <b>1781.11</b>	41322A121-025 <b>2077.22</b>	512
3	41122A121-030 <b>2253.30</b>	41222A121-030 <b>2253.30</b>	41322A121-030 <b>2545.36</b>	512
4	41122A121-040 <b>3086.82</b>	41222A121-040 <b>3086.82</b>	41322A121-040 <b>3426.21</b>	512
6	41122A121-060 <b>4080.47</b>	41222A121-060 <b>4080.47</b>	41322A121-060 <b>4715.96</b>	512
8	41122A121-080 <b>4540.83</b>	41222A121-080 <b>4540.83</b>	41322A121-080 <b>5833.48</b>	512
10	41122A121-100 <b>7215.89</b>	41222A121-100 <b>7215.89</b>	41322A121-100 <b>9502.34</b>	512



**Actuated Valves**  
**Premium Actuated Lug Insert Butterfly Valve - Pneumatic**



Industrial grade valve with factory assembled lug inserts. Patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- Zinc or SS Lug Inserts
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

**PVC - Stainless Steel Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>1-1/2 Air to Air</b>	41121H101-015 <b>864.67</b>	41221H101-015 <b>853.35</b>	41321H101-015 <b>1079.15</b>	540
<b>1-1/2 Air to Spring</b>	41121J101-015 <b>914.44</b>	41221J101-015 <b>914.44</b>	41321J101-015 <b>1140.24</b>	540
<b>2 Air to Air</b>	41121H101-020 <b>896.65</b>	41221H101-020 <b>896.65</b>	41321H101-020 <b>1133.29</b>	540
<b>2 Air to Spring</b>	41121J101-020 <b>1043.95</b>	41221J101-020 <b>1043.95</b>	41321J101-020 <b>1280.57</b>	540
<b>2-1/2 Air to Air</b>	41121H101-025 <b>986.98</b>	41221H101-025 <b>986.98</b>	41321H101-025 <b>1195.20</b>	540
<b>2-1/2 Air to Spring</b>	41121J101-025 <b>1191.77</b>	41221J101-025 <b>1191.77</b>	41321J101-025 <b>1399.99</b>	540
<b>3 Air to Air</b>	41121H101-030 <b>1272.71</b>	41221H101-030 <b>1272.71</b>	41321H101-030 <b>1498.52</b>	540
<b>3 Air to Spring</b>	41121J101-030 <b>1272.71</b>	41221J101-030 <b>1272.71</b>	41321J101-030 <b>1498.52</b>	540
<b>4 Air to Air</b>	41121H101-040 <b>1643.39</b>	41221H101-040 <b>1643.39</b>	41321H101-040 <b>1920.57</b>	540
<b>4 Air to Spring</b>	41121J101-040 <b>1873.34</b>	41221J101-040 <b>1873.34</b>	41321J101-040 <b>2150.52</b>	540
<b>6 Air to Air</b>	41121H101-060 <b>2323.80</b>	41221H101-060 <b>2323.80</b>	41321H101-060 <b>2825.44</b>	540
<b>6 Air to Spring</b>	41121J101-060 <b>2650.03</b>	41221J101-060 <b>2650.03</b>	41321J101-060 <b>3151.66</b>	540
<b>8 Air to Air</b>	41121H101-080 <b>2777.81</b>	41221H101-080 <b>2777.81</b>	41321H101-080 <b>3755.39</b>	540
<b>8 Air to Spring</b>	41121J101-080 <b>3560.30</b>	41221J101-080 <b>3560.30</b>	41321J101-080 <b>4537.89</b>	540
<b>10 Air to Air</b>	41121H101-100 <b>4576.66</b>	41221H101-100 <b>4576.66</b>	41321H101-100 <b>6500.76</b>	540
<b>10 Air to Spring</b>	41121J101-100 <b>5736.05</b>	41221J101-100 <b>5736.05</b>	41321J101-100 <b>7660.14</b>	540
<b>12 Air to Air</b>	41121H101-120 <b>5118.63</b>	41221H101-120 <b>5118.63</b>	41321H101-120 <b>7814.78</b>	540
<b>12 Air to Spring</b>	41121J101-120 <b>6264.74</b>	41221J101-120 <b>6264.74</b>	41321J101-120 <b>8960.91</b>	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**PVC - Zinc Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>1-1/2 Air to Air</b>	41111H101-015 <b>768.18</b>	41211H101-015 <b>768.18</b>	41311H101-015 <b>970.99</b>	540
<b>1-1/2 Air to Spring</b>	41111J101-015 <b>829.26</b>	41211J101-015 <b>829.26</b>	41311J101-015 <b>1032.07</b>	540
<b>2 Air to Air</b>	41111H101-020 <b>839.86</b>	41211H101-020 <b>839.86</b>	41311H101-020 <b>1021.05</b>	540
<b>2 Air to Spring</b>	41111J101-020 <b>987.17</b>	41211J101-020 <b>987.17</b>	41311J101-020 <b>1168.36</b>	540
<b>2-1/2 Air to Air</b>	41111H101-025 <b>907.20</b>	41211H101-025 <b>907.20</b>	41311H101-025 <b>1101.90</b>	540
<b>2-1/2 Air to Spring</b>	41111J101-025 <b>1112.00</b>	41211J101-025 <b>1112.00</b>	41311J101-025 <b>1306.70</b>	540
<b>3 Air to Air</b>	41111H101-030 <b>1154.47</b>	41211H101-030 <b>1154.47</b>	41311H101-030 <b>1347.83</b>	540

**PVC - Zinc Lug Inserts (continued)**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>3 Air to Spring</b>	41111J101-030 <b>1192.94</b>	41211J101-030 <b>1192.94</b>	41311J101-030 <b>1386.30</b>	540
<b>4 Air to Air</b>	41111H101-040 <b>1500.06</b>	41211H101-040 <b>1500.06</b>	41311H101-040 <b>1738.04</b>	540
<b>4 Air to Spring</b>	41111J101-040 <b>1730.00</b>	41211J101-040 <b>1730.00</b>	41311J101-040 <b>1967.98</b>	540
<b>6 Air to Air</b>	41111H101-060 <b>2261.61</b>	41211H101-060 <b>2261.61</b>	41311H101-060 <b>2564.49</b>	540
<b>6 Air to Spring</b>	41111J101-060 <b>2462.09</b>	41211J101-060 <b>2462.09</b>	41311J101-060 <b>2890.71</b>	540
<b>8 Air to Air</b>	41111H101-080 <b>2543.87</b>	41211H101-080 <b>2543.87</b>	41311H101-080 <b>3376.79</b>	540
<b>8 Air to Spring</b>	41111J101-080 <b>3326.37</b>	41211J101-080 <b>3326.37</b>	41311J101-080 <b>4159.28</b>	540
<b>10 Air to Air</b>	41111H101-100 <b>4107.49</b>	41211H101-100 <b>4107.49</b>	41311H101-100 <b>5743.56</b>	540
<b>10 Air to Spring</b>	41111J101-100 <b>5266.87</b>	41211J101-100 <b>5266.87</b>	41311J101-100 <b>6902.95</b>	540
<b>12 Air to Air</b>	41111H101-120 <b>4576.43</b>	41211H101-120 <b>4576.43</b>	41311H101-120 <b>7661.99</b>	540
<b>12 Air to Spring</b>	41111J101-120 <b>5722.54</b>	41211J101-120 <b>5722.54</b>	41311J101-120 <b>8808.11</b>	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC - Stainless Steel Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>1-1/2 Air to Air</b>	41122H101-015 <b>1011.54</b>	41222H101-015 <b>1011.54</b>	41322H101-015 <b>1295.50</b>	542
<b>1-1/2 Air to Spring</b>	41122J101-015 <b>1072.64</b>	41222J101-015 <b>1072.64</b>	41322J101-015 <b>1356.59</b>	542
<b>2 Air to Air</b>	41122H101-020 <b>1062.96</b>	41222H101-020 <b>1062.96</b>	41322H101-020 <b>1337.45</b>	542
<b>2 Air to Spring</b>	41122J101-020 <b>1210.27</b>	41222J101-020 <b>1210.27</b>	41322J101-020 <b>1484.74</b>	542
<b>2-1/2 Air to Air</b>	41122H101-025 <b>1116.79</b>	41222H101-025 <b>1116.79</b>	41322H101-025 <b>1412.89</b>	542
<b>2-1/2 Air to Spring</b>	41122J101-025 <b>1321.57</b>	41222J101-025 <b>1321.57</b>	41322J101-025 <b>1617.69</b>	542
<b>3 Air to Air</b>	41122H101-030 <b>1369.47</b>	41222H101-030 <b>1369.47</b>	41322H101-030 <b>1661.52</b>	542
<b>3 Air to Spring</b>	41122J101-030 <b>1408.26</b>	41222J101-030 <b>1407.93</b>	41322J101-030 <b>1699.99</b>	542
<b>4 Air to Air</b>	41122H101-040 <b>1897.59</b>	41222H101-040 <b>1897.59</b>	41322H101-040 <b>2236.99</b>	542
<b>4 Air to Spring</b>	41122J101-040 <b>2127.53</b>	41222J101-040 <b>2127.53</b>	41322J101-040 <b>2466.93</b>	542
<b>6 Air to Air</b>	41122H101-060 <b>2636.15</b>	41222H101-060 <b>2636.15</b>	41322H101-060 <b>3271.64</b>	542
<b>6 Air to Spring</b>	41122J101-060 <b>2962.38</b>	41222J101-060 <b>2962.38</b>	41322J101-060 <b>3597.87</b>	542
<b>8 Air to Air</b>	41122H101-080 <b>3182.09</b>	41222H101-080 <b>3182.09</b>	41322H101-080 <b>4474.72</b>	542
<b>8 Air to Spring</b>	41122J101-080 <b>3964.57</b>	41222J101-080 <b>3964.57</b>	41322J101-080 <b>5257.22</b>	542



**Actuated Valves**  
**Premium Actuated Lug Insert Butterfly Valve - Pneumatic**

**CPVC - Stainless Steel Lug Inserts (continued)**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>10 Air to Air</b>	41122H101-100 <b>5383.89</b>	41222H101-100 <b>5383.89</b>	41322H101-100 <b>7670.35</b>	542
<b>10 Air to Spring</b>	41122J101-100 <b>5965.73</b>	41222J101-100 <b>5965.73</b>	41322J101-100 <b>8252.18</b>	542
<b>12 Air to Air</b>	41122H101-120 <b>6035.38</b>	41222H101-120 <b>6035.38</b>	41322H101-120 <b>9170.97</b>	542
<b>12 Air to Spring</b>	41122J101-120 <b>7181.50</b>	41222J101-120 <b>7181.50</b>	41322J101-120 <b>10317.09</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC - Zinc Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>1-1/2 Air to Air</b>	41112H101-015 <b>915.55</b>	41212H101-015 <b>915.55</b>	41312H101-015 <b>1146.77</b>	542
<b>1-1/2 Air to Spring</b>	41112J101-015 <b>976.38</b>	41212J101-015 <b>976.38</b>	41312J101-015 <b>1207.85</b>	542
<b>2 Air to Air</b>	41112H101-020 <b>968.31</b>	41212H101-020 <b>968.31</b>	41312H101-020 <b>1198.18</b>	542
<b>2 Air to Spring</b>	41112J101-020 <b>1115.62</b>	41212J101-020 <b>1115.59</b>	41312J101-020 <b>1345.49</b>	542
<b>2-1/2 Air to Air</b>	41112H101-025 <b>1022.14</b>	41212H101-025 <b>1022.14</b>	41312H101-025 <b>1262.81</b>	542
<b>2-1/2 Air to Spring</b>	41112J101-025 <b>1226.93</b>	41212J101-025 <b>1226.93</b>	41312J101-025 <b>1467.61</b>	542
<b>3 Air to Air</b>	41112H101-030 <b>1269.39</b>	41212H101-030 <b>1269.39</b>	41312H101-030 <b>1511.43</b>	542
<b>3 Air to Spring</b>	41112J101-030 <b>1307.86</b>	41212J101-030 <b>1307.86</b>	41312J101-030 <b>1549.89</b>	542
<b>4 Air to Air</b>	41112H101-040 <b>1662.33</b>	41212H101-040 <b>1662.33</b>	41312H101-040 <b>2007.12</b>	542
<b>4 Air to Spring</b>	41112J101-040 <b>1892.27</b>	41212J101-040 <b>1892.27</b>	41312J101-040 <b>2237.06</b>	542
<b>6 Air to Air</b>	41112H101-060 <b>2408.99</b>	41212H101-060 <b>2408.99</b>	41312H101-060 <b>2947.14</b>	542
<b>6 Air to Spring</b>	41112J101-060 <b>2735.21</b>	41212J101-060 <b>2735.21</b>	41312J101-060 <b>3273.36</b>	542
<b>8 Air to Air</b>	41112H101-080 <b>2872.46</b>	41212H101-080 <b>2872.46</b>	41312H101-080 <b>4181.32</b>	542
<b>8 Air to Spring</b>	41112J101-080 <b>3654.95</b>	41212J101-080 <b>3654.95</b>	41312J101-080 <b>4963.81</b>	542
<b>10 Air to Air</b>	41112H101-100 <b>4774.09</b>	41212H101-100 <b>4774.09</b>	41312H101-100 <b>7041.62</b>	542
<b>10 Air to Spring</b>	41112J101-100 <b>5355.91</b>	41212J101-100 <b>5355.91</b>	41312J101-100 <b>7623.45</b>	542
<b>12 Air to Air</b>	41112H101-120 <b>5347.14</b>	41212H101-120 <b>5347.14</b>	41312H101-120 <b>8800.49</b>	542
<b>12 Air to Spring</b>	41112J101-120 <b>6493.26</b>	41212J101-120 <b>6493.26</b>	41312J101-120 <b>9946.61</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

## Actuated Valves Premium Actuated True Lug Butterfly Valve - Electric



Industrial grade lug style valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Dec clutchable Manual Override
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51121A121-015 <b>1910.46</b>	51221A121-015 <b>1910.46</b>	51321A121-015 <b>2226.70</b>	510
2	51121A121-020 <b>1939.15</b>	51221A121-020 <b>1939.15</b>	51321A121-020 <b>2271.05</b>	510
2-1/2	51121A121-025 <b>2015.27</b>	51221A121-025 <b>2015.27</b>	51321A121-025 <b>2305.22</b>	510
3	51121A121-030 <b>2285.43</b>	51221A121-030 <b>2285.43</b>	51321A121-030 <b>2603.19</b>	510
4	51121A121-040 <b>3011.52</b>	51221A121-040 <b>3011.52</b>	51321A121-040 <b>3399.51</b>	510
6	51121A121-060 <b>3998.43</b>	51221A121-060 <b>3998.43</b>	51321A121-060 <b>4700.12</b>	510
8	51121A121-080 <b>4417.70</b>	51221A121-080 <b>4417.70</b>	51321A121-080 <b>5785.27</b>	510
10	51121A121-100 <b>7218.93</b>	51221A121-100 <b>7218.93</b>	51321A121-100 <b>9910.49</b>	510
12	51121A123-120 <b>8555.45</b>	51221A123-120 <b>8555.45</b>	51321A123-120 <b>12327.45</b>	510

### PVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51111A121-015 <b>1791.73</b>	51211A121-015 <b>1791.73</b>	51311A121-015 <b>2076.87</b>	510
2	51111A121-020 <b>1860.43</b>	51211A121-020 <b>1860.43</b>	51311A121-020 <b>2112.91</b>	510
2-1/2	51111A121-025 <b>1906.27</b>	51211A121-025 <b>1906.27</b>	51311A121-025 <b>2176.05</b>	510
3	51111A121-030 <b>2175.05</b>	51211A121-030 <b>2175.05</b>	51311A121-030 <b>2445.10</b>	510
4	51111A121-040 <b>2813.49</b>	51211A121-040 <b>2813.49</b>	51311A121-040 <b>3064.71</b>	510
6	51111A121-060 <b>3737.67</b>	51211A121-060 <b>3737.67</b>	51311A121-060 <b>4336.37</b>	510
8	51111A121-080 <b>4092.59</b>	51211A121-080 <b>4092.59</b>	51311A121-080 <b>5256.87</b>	510
10	51111A121-100 <b>6564.15</b>	51211A121-100 <b>6564.15</b>	51311A121-100 <b>8851.99</b>	510
12	51111A123-120 <b>7798.13</b>	51211A123-120 <b>7798.13</b>	51311A123-120 <b>10354.49</b>	510

### CPVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51122A121-015 <b>2132.62</b>	51222A121-015 <b>2132.62</b>	51322A121-015 <b>2531.15</b>	512
2	51122A121-020 <b>2172.51</b>	51222A121-020 <b>2172.51</b>	51322A121-020 <b>2555.89</b>	512
2-1/2	51122A121-025 <b>2196.94</b>	51222A121-025 <b>2196.94</b>	51322A121-025 <b>2611.50</b>	512
3	51122A121-030 <b>2476.12</b>	51222A121-030 <b>2476.12</b>	51322A121-030 <b>2884.64</b>	512
4	51122A121-040 <b>3367.85</b>	51222A121-040 <b>3367.85</b>	51322A121-040 <b>3844.01</b>	512
6	51122A121-060 <b>4031.68</b>	51222A121-060 <b>4031.68</b>	51322A121-060 <b>5325.59</b>	512
8	51122A121-080 <b>4984.57</b>	51222A121-080 <b>4984.57</b>	51322A121-080 <b>6616.68</b>	512
10	51122A121-100 <b>8351.78</b>	51222A121-100 <b>8351.78</b>	51322A121-100 <b>11546.40</b>	512

### CPVC - Stainless Steel Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
12	51122A123-120 <b>9838.35</b>	51222A123-120 <b>9838.35</b>	51322A123-120 <b>14223.79</b>	512

### CPVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51112A121-015 <b>1999.54</b>	51212A121-015 <b>1999.54</b>	51312A121-015 <b>2321.74</b>	512
2	51112A121-020 <b>2040.05</b>	51212A121-020 <b>2040.05</b>	51312A121-020 <b>2362.23</b>	512
2-1/2	51112A121-025 <b>2063.22</b>	51212A121-025 <b>2063.22</b>	51312A121-025 <b>2402.34</b>	512
3	51112A121-030 <b>2226.34</b>	51212A121-030 <b>2226.34</b>	51312A121-030 <b>2675.46</b>	512
4	51112A121-040 <b>3037.23</b>	51212A121-040 <b>3037.23</b>	51312A121-040 <b>3522.62</b>	512
6	51112A121-060 <b>4119.17</b>	51212A121-060 <b>4119.17</b>	51312A121-060 <b>4871.17</b>	512
8	51112A121-080 <b>4551.98</b>	51212A121-080 <b>4551.98</b>	51312A121-080 <b>6029.46</b>	512
10	51112A121-100 <b>7498.05</b>	51212A121-100 <b>7498.05</b>	51312A121-100 <b>10315.65</b>	512
12	51112A123-120 <b>8874.98</b>	51212A123-120 <b>8874.98</b>	51312A123-120 <b>11595.54</b>	512



## Actuated Valves Premium Actuated True Lug Butterfly Valve - Pneumatic



Industrial grade lug style valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- Zinc or SS Lugs
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

### PVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51121H101-015 <b>1014.52</b>	51221H101-015 <b>1014.52</b>	51321H101-015 <b>1330.78</b>	540
1-1/2 Air to Spring	51121J101-015 <b>1080.45</b>	51221J101-015 <b>1080.45</b>	51321J101-015 <b>1396.69</b>	540
2 Air to Air	51121H101-020 <b>1046.22</b>	51221H101-020 <b>1046.22</b>	51321H101-020 <b>1375.11</b>	540
2 Air to Spring	51121J101-020 <b>1335.09</b>	51221J101-020 <b>1335.09</b>	51321J101-020 <b>1530.91</b>	540
2-1/2 Air to Air	51121H101-025 <b>1119.33</b>	51221H101-025 <b>1119.33</b>	51321H101-025 <b>1409.30</b>	540
2-1/2 Air to Spring	51121J101-025 <b>1335.09</b>	51221J101-025 <b>1335.09</b>	51321J101-025 <b>1625.03</b>	540
3 Air to Air	51121H101-030 <b>1230.68</b>	51221H101-030 <b>1230.68</b>	51321H101-030 <b>1548.45</b>	540
3 Air to Spring	51121J101-030 <b>1407.47</b>	51221J101-030 <b>1407.47</b>	51321J101-030 <b>1725.24</b>	540
4 Air to Air	51121H101-040 <b>1905.84</b>	51221H101-040 <b>1905.84</b>	51321H101-040 <b>2293.84</b>	540
4 Air to Spring	51121J101-040 <b>2151.54</b>	51221J101-040 <b>2151.54</b>	51321J101-040 <b>2539.56</b>	540
6 Air to Air	51121H101-060 <b>2536.17</b>	51221H101-060 <b>2536.17</b>	51321H101-060 <b>3237.87</b>	540
6 Air to Spring	51121J101-060 <b>3018.57</b>	51221J101-060 <b>3018.57</b>	51321J101-060 <b>3720.28</b>	540
8 Air to Air	51121H101-080 <b>3123.26</b>	51221H101-080 <b>3123.26</b>	51321H101-080 <b>4490.82</b>	540
8 Air to Spring	51121J101-080 <b>3800.44</b>	51221J101-080 <b>3800.44</b>	51321J101-080 <b>5168.02</b>	540
10 Air to Air	51121H101-100 <b>5415.09</b>	51221H101-100 <b>5415.09</b>	51321H101-100 <b>8106.64</b>	540
10 Air to Spring	51121J101-100 <b>6547.72</b>	51221J101-100 <b>6547.72</b>	51321J101-100 <b>9299.23</b>	540
12 Air to Air	51121H101-120 <b>6104.38</b>	51221H101-120 <b>6104.38</b>	51321H101-120 <b>9874.89</b>	540
12 Air to Spring	51121J101-120 <b>7296.95</b>	51221J101-120 <b>7296.95</b>	51321J101-120 <b>11067.45</b>	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### PVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51111H101-015 <b>895.80</b>	51211H101-015 <b>895.80</b>	51311H101-015 <b>1180.96</b>	540
1-1/2 Air to Spring	51111J101-015 <b>961.73</b>	51211J101-015 <b>961.73</b>	51311J101-015 <b>1246.86</b>	540
2 Air to Air	51111H101-020 <b>964.49</b>	51211H101-020 <b>964.49</b>	51311H101-020 <b>1216.99</b>	540
2 Air to Spring	51111J101-020 <b>1120.31</b>	51211J101-020 <b>1120.31</b>	51311J101-020 <b>1372.82</b>	540
2-1/2 Air to Air	51111H101-025 <b>1010.32</b>	51211H101-025 <b>1010.32</b>	51311H101-025 <b>1280.13</b>	540
2-1/2 Air to Spring	51111J101-025 <b>1226.07</b>	51211J101-025 <b>1226.07</b>	51311J101-025 <b>1495.86</b>	540

### PVC - Zinc Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
3 Air to Air	51111H101-030 <b>1120.33</b>	51211H101-030 <b>1120.33</b>	51311H101-030 <b>1390.36</b>	540
3 Air to Spring	51111J101-030 <b>1297.13</b>	51211J101-030 <b>1297.13</b>	51311J101-030 <b>1567.15</b>	540
4 Air to Air	51111H101-040 <b>1707.81</b>	51211H101-040 <b>1707.81</b>	51311H101-040 <b>1959.02</b>	540
4 Air to Spring	51111J101-040 <b>1953.51</b>	51211J101-040 <b>2466.56</b>	51311J101-040 <b>2204.72</b>	540
6 Air to Air	51111H101-060 <b>2275.43</b>	51211H101-060 <b>2275.43</b>	51311H101-060 <b>2874.13</b>	540
6 Air to Spring	51111J101-060 <b>2757.83</b>	51211J101-060 <b>2757.83</b>	51311J101-060 <b>3356.54</b>	540
8 Air to Air	51111H101-080 <b>2798.15</b>	51211H101-080 <b>2798.15</b>	51311H101-080 <b>3962.43</b>	540
8 Air to Spring	51111J101-080 <b>4020.69</b>	51211J101-080 <b>4020.69</b>	51311J101-080 <b>4639.62</b>	540
10 Air to Air	51111H101-100 <b>4760.31</b>	51211H101-100 <b>4760.31</b>	51311H101-100 <b>7048.17</b>	540
10 Air to Spring	51111J101-100 <b>5952.88</b>	51211J101-100 <b>5952.88</b>	51311J101-100 <b>8240.73</b>	540
12 Air to Air	51111H101-120 <b>5347.06</b>	51211H101-120 <b>5347.06</b>	51311H101-120 <b>7903.43</b>	540
12 Air to Spring	51111J101-120 <b>6539.65</b>	51211J101-120 <b>6539.65</b>	51311J101-120 <b>9096.00</b>	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### CPVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51122H101-015 <b>1236.67</b>	51222H101-015 <b>1236.67</b>	51322H101-015 <b>1635.23</b>	542
1-1/2 Air to Spring	51122J101-015 <b>1302.60</b>	51222J101-015 <b>1302.60</b>	51322J101-015 <b>1701.14</b>	542
2 Air to Air	51122H101-020 <b>1276.60</b>	51222H101-020 <b>1276.60</b>	51322H101-020 <b>1659.94</b>	542
2 Air to Spring	51122J101-020 <b>1432.41</b>	51222J101-020 <b>1432.41</b>	51322J101-020 <b>1815.77</b>	542
2-1/2 Air to Air	51122H101-025 <b>1301.01</b>	51222H101-025 <b>1301.01</b>	51322H101-025 <b>1715.56</b>	542
2-1/2 Air to Spring	51122J101-025 <b>1516.74</b>	51222J101-025 <b>1516.74</b>	51322J101-025 <b>1931.31</b>	542
3 Air to Air	51122H101-030 <b>1421.38</b>	51222H101-030 <b>1421.38</b>	51322H101-030 <b>1829.90</b>	542
3 Air to Spring	51122J101-030 <b>1598.17</b>	51222J101-030 <b>1598.17</b>	51322J101-030 <b>2006.70</b>	542
4 Air to Air	51122H101-040 <b>2262.18</b>	51222H101-040 <b>2262.18</b>	51322H101-040 <b>2738.33</b>	542
4 Air to Spring	51122J101-040 <b>2507.87</b>	51222J101-040 <b>2507.87</b>	51322J101-040 <b>2984.04</b>	542
6 Air to Air	51122H101-060 <b>2973.95</b>	51222H101-060 <b>2973.95</b>	51322H101-060 <b>3863.32</b>	542
6 Air to Spring	51122J101-060 <b>3456.36</b>	51222J101-060 <b>3456.36</b>	51322J101-060 <b>4345.77</b>	542

**Actuated Valves**  
**Premium Actuated True Lug Butterfly Valve - Pneumatic**



**CPVC - Stainless Steel Lugs (continued)**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>8 Air to Air</b>	51122H101-080 <b>3690.12</b>	51222H101-080 <b>3690.12</b>	51322H101-080 <b>5322.21</b>	542
<b>8 Air to Spring</b>	51122J101-080 <b>4367.30</b>	51222J101-080 <b>4367.30</b>	51322J101-080 <b>5999.43</b>	542
<b>10 Air to Air</b>	51122H101-100 <b>6547.94</b>	51222H101-100 <b>6547.94</b>	51322H101-100 <b>9742.55</b>	542
<b>10 Air to Spring</b>	51122J101-100 <b>7740.52</b>	51222J101-100 <b>7740.52</b>	51322J101-100 <b>10935.13</b>	542
<b>12 Air to Air</b>	51122H101-120 <b>7387.29</b>	51222H101-120 <b>7387.29</b>	51322H101-120 <b>11772.72</b>	542
<b>12 Air to Spring</b>	51122J101-120 <b>8579.88</b>	51222J101-120 <b>8579.88</b>	51322J101-120 <b>12965.30</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC - Zinc Lugs**

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
<b>1-1/2 Air to Air</b>	51112H101-015 <b>1103.60</b>	51212H101-015 <b>1103.60</b>	51312H101-015 <b>1425.81</b>	542
<b>1-1/2 Air to Spring</b>	51112J101-015 <b>1169.53</b>	51212J101-015 <b>1169.53</b>	51312J101-015 <b>1491.72</b>	542
<b>2 Air to Air</b>	51112H101-020 <b>1144.12</b>	51212H101-020 <b>1144.12</b>	51312H101-020 <b>1466.30</b>	542
<b>2 Air to Spring</b>	51112J101-020 <b>1299.94</b>	51212J101-020 <b>1299.94</b>	51312J101-020 <b>1622.11</b>	542
<b>2-1/2 Air to Air</b>	51112H101-025 <b>1167.27</b>	51212H101-025 <b>1167.27</b>	51312H101-025 <b>1506.41</b>	542
<b>2-1/2 Air to Spring</b>	51112J101-025 <b>1383.01</b>	51212J101-025 <b>1383.01</b>	51312J101-025 <b>1722.16</b>	542
<b>3 Air to Air</b>	51112H101-030 <b>1171.61</b>	51212H101-030 <b>1171.61</b>	51312H101-030 <b>1620.72</b>	542
<b>3 Air to Spring</b>	51112J101-030 <b>1348.37</b>	51212J101-030 <b>1348.37</b>	51312J101-030 <b>1797.52</b>	542
<b>4 Air to Air</b>	51112H101-040 <b>1931.54</b>	51212H101-040 <b>1931.54</b>	51312H101-040 <b>2416.95</b>	542
<b>4 Air to Spring</b>	51112J101-040 <b>2177.24</b>	51212J101-040 <b>2177.24</b>	51312J101-040 <b>2662.64</b>	542
<b>6 Air to Air</b>	51112H101-060 <b>2656.90</b>	51212H101-060 <b>2656.90</b>	51312H101-060 <b>3408.93</b>	542
<b>6 Air to Spring</b>	51112J101-060 <b>3139.35</b>	51212J101-060 <b>3139.35</b>	51312J101-060 <b>3891.35</b>	542
<b>8 Air to Air</b>	51112H101-080 <b>3257.54</b>	51212H101-080 <b>3257.54</b>	51312H101-080 <b>4735.01</b>	542
<b>8 Air to Spring</b>	51112J101-080 <b>3934.71</b>	51212J101-080 <b>3934.71</b>	51312J101-080 <b>5412.21</b>	542
<b>10 Air to Air</b>	51112H101-100 <b>5694.19</b>	51212H101-100 <b>5694.19</b>	51312H101-100 <b>8511.82</b>	542
<b>10 Air to Spring</b>	51112J101-100 <b>6886.78</b>	51212J101-100 <b>6886.78</b>	51312J101-100 <b>9704.39</b>	542
<b>12 Air to Air</b>	51112H101-120 <b>6423.93</b>	51212H101-120 <b>6423.93</b>	51312H101-120 <b>9144.48</b>	542
<b>12 Air to Spring</b>	51112J101-120 <b>7616.49</b>	51212J101-120 <b>7616.49</b>	51312J101-120 <b>10337.05</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.



## Actuated Valves Premium Actuated Diaphragm Valve - Electric

Industrial grade Weir-type design, excellent for throttling and use with viscous fluids. Full-featured actuator can be custom configured with add-on accessories.



- Stainless Steel Hardware
- 235 psi @ 73°F (23°C) - sizes 1/2"- 2" (flanged & PTFE diaphragm-150 psi), 2-1/2"- 4"-150 psi
- 115 VAC standard, optional voltages available
- Multi-turn Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC - EPDM and Viton® Diaphragms

Material	EPDM O-ring & EPDM Diaphragm					Viton® O-ring & Viton® Diaphragm					Disc Code
	Joint	Socket Part # Price Each	SR Threaded Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each		
1/2	91121A101-005 1809.48	93121A101-005 1814.55	94021A101-005 1806.27	95021A101-005 1886.16	91231A101-005 1823.77	93231A101-005 1828.86	94031A101-005 1820.16	95031A101-005 1903.12	520		
3/4	91121A101-007 1826.85	93121A101-007 1834.17	94021A101-007 1822.12	95021A101-007 1911.57	91231A101-007 1843.03	93231A101-007 1850.34	94031A101-007 1837.19	95031A101-007 1917.38	520		
1	91121A101-010 1866.71	93121A101-010 1876.87	94021A101-010 1862.14	95021A101-010 1946.37	91231A101-010 1884.52	93231A101-010 1894.63	94031A101-010 1877.77	95031A101-010 1977.06	520		
1-1/4	91121A101-012 1956.06	93121A101-012 1972.35	94021A101-012 1947.41	95021A101-012 2039.32	91231A101-012 2006.91	93231A101-012 2022.88	94031A101-012 2000.90	95031A101-012 2077.03	520		
1-1/2	91121A101-015 1969.81	93121A101-015 1997.63	94021A101-015 1962.74	95021A101-015 2043.56	91231A101-015 2014.29	93231A101-015 2014.29	94031A101-015 2006.10	95031A101-015 2085.06	520		
2	91121A101-020 2741.63	93121A101-020 2797.27	94021A101-020 2731.02	95021A101-020 2832.77	91231A101-020 2804.89	93231A101-020 2862.13	94031A101-020 2790.90	95031A101-020 2862.98	520		
2-1/2	---	---	---	95021A101-025 3286.74	---	---	---	95031A101-025 3373.23	520		
3	---	---	---	95021A101-030 3490.56	---	---	---	95031A101-030 3580.47	520		
4	---	---	---	95021A101-040 4115.86	---	---	---	95031A101-040 4217.20	520		

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

### PVC - Elastomer Backed Diaphragms

Material	EPDM O-ring & EPDM Backed PTFE Diaphragm					Viton® O-ring & EPDM Backed PTFE Diaphragm					Disc Code
	Joint	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each		
1/2	91151A101-005 1885.79	93151A101-005 1890.90	94051A101-005 1878.76	95051A101-005 1961.31	91251A101-005 1908.27	93251A101-005 1913.37	---	---	520		
3/4	91151A101-007 1899.72	93151A101-007 1907.05	94051A101-007 1892.02	95051A101-007 1984.05	91251A101-007 1926.45	93251A101-007 1933.77	---	---	520		
1	91151A101-010 2002.52	93151A101-010 2012.66	94051A101-010 1995.04	95051A101-010 2073.02	91251A101-010 2014.06	93251A101-010 2024.19	---	---	520		
1-1/4	91151A101-012 2120.78	93151A101-012 2137.01	94051A101-012 2110.70	95051A101-012 2207.24	91251A101-012 2146.80	93251A101-012 2163.06	---	---	520		
1-1/2	91151A101-015 2150.11	93151A101-015 2177.91	94051A101-015 2138.55	95051A101-015 2226.16	91251A101-015 2173.26	93251A101-015 2201.07	---	---	520		
2	91151A101-020 2939.27	93151A101-020 2968.43	94051A101-020 2923.09	95051A101-020 3017.55	91251A101-020 2966.37	93251A101-020 3026.91	---	---	520		
2-1/2	---	---	---	95051A101-025 3649.32	---	---	---	---	520		
3	---	---	---	95051A101-030 4008.31	---	---	---	---	520		
4	---	---	---	95051A101-040 4732.24	---	---	---	---	520		

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

### CPVC - EPDM and Viton® Diaphragms

Material	EPDM O-ring & EPDM Diaphragm					Viton® O-ring & Viton® Diaphragm					Disc Code
	Joint	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Spigot Part # Price Each	Flanged Part # Price Each		
1/2	91122A101-005 1908.51	93122A101-005 1913.61	94022A101-005 1902.76	95022A101-005 1956.06	91232A101-005 1972.53	93232A101-005 1977.62	94032A101-005 1963.36	95032A101-005 1849.94	522		
3/4	91122A101-007 1934.18	93122A101-007 1941.50	94022A101-007 1927.18	95022A101-007 1988.53	91232A101-007 1991.84	93232A101-007 1999.16	94032A101-007 1982.23	95032A101-007 2020.70	522		
1	91122A101-010 1979.19	93122A101-010 1989.32	94022A101-010 1972.97	95022A101-010 2065.71	91232A101-010 2064.97	93232A101-010 2075.11	94032A101-010 2054.40	95032A101-010 2110.49	522		



**Actuated Valves  
Premium Actuated Diaphragm Valve - Electric**



**CPVC - EPDM and Viton® Diaphragms (continued)**

Material	EPDM O-ring & EPDM Diaphragm				Viton® O-ring & Viton® Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
<b>1-1/4</b>	91122A101-012 <b>2125.88</b>	93122A101-012 <b>2142.15</b>	94022A101-012 <b>2114.85</b>	95022A101-012 <b>2170.86</b>	91232A101-012 <b>2254.15</b>	93232A101-012 <b>2270.37</b>	94032A101-012 <b>2239.85</b>	95032A101-012 <b>2241.31</b>	522
<b>1-1/2</b>	91122A101-015 <b>2153.72</b>	93122A101-015 <b>2153.72</b>	94022A101-015 <b>2124.34</b>	95022A101-015 <b>2177.28</b>	91232A101-015 <b>2275.59</b>	93232A101-015 <b>2297.40</b>	94032A101-015 <b>2260.17</b>	95032A101-015 <b>2314.87</b>	522
<b>2</b>	91122A101-020 <b>2891.54</b>	93122A101-020 <b>2950.55</b>	94022A101-020 <b>2771.61</b>	95022A101-020 <b>2545.79</b>	91232A101-020 <b>3016.18</b>	93232A101-020 <b>3077.73</b>	94032A101-020 <b>3000.36</b>	95032A101-020 <b>3028.90</b>	522
<b>2-1/2</b>	---	---	---	95022A101-025 <b>3700.93</b>	---	---	---	95032A101-025 <b>3819.96</b>	522
<b>3</b>	---	---	---	95022A101-030 <b>4219.86</b>	---	---	---	95032A101-030 <b>4390.71</b>	522
<b>4</b>	---	---	---	95022A101-040 <b>5107.78</b>	---	---	---	95032A101-040 <b>5341.93</b>	522

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

**CPVC Premium Actuated Diaphragm Valves -Electric**

Material	EPDM O-ring & EPDM Backed PTFE Diaphragm				Viton® O-ring & EPDM Backed PTFE Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
<b>1/2</b>	91152A101-005 <b>2008.01</b>	93152A101-005 <b>2013.12</b>	94052A101-005 <b>1998.79</b>	95052A101-005 <b>2077.51</b>	91252A101-005 <b>2033.04</b>	93252A101-005 <b>2038.13</b>	---	---	522
<b>3/4</b>	91152A101-007 <b>2042.15</b>	93152A101-007 <b>2049.46</b>	94052A101-007 <b>2031.24</b>	95052A101-007 <b>2104.93</b>	91252A101-007 <b>2058.51</b>	93252A101-007 <b>2076.49</b>	---	---	522
<b>1</b>	91152A101-010 <b>2126.10</b>	93152A101-010 <b>2136.22</b>	94052A101-010 <b>2114.95</b>	95052A101-010 <b>2207.90</b>	91252A101-010 <b>2145.05</b>	93252A101-010 <b>2155.16</b>	---	---	522
<b>1-1/4</b>	91152A101-012 <b>2292.97</b>	93152A101-012 <b>2309.21</b>	94052A101-012 <b>2276.71</b>	95052A101-012 <b>2344.56</b>	91252A101-012 <b>2314.38</b>	93252A101-012 <b>2330.65</b>	---	---	522
<b>1-1/2</b>	91152A101-015 <b>2302.38</b>	93152A101-015 <b>2330.19</b>	94052A101-015 <b>2286.91</b>	95052A101-015 <b>2472.46</b>	91252A101-015 <b>2337.95</b>	93252A101-015 <b>2365.76</b>	---	---	522
<b>2</b>	91152A101-020 <b>3091.12</b>	93152A101-020 <b>3154.20</b>	94052A101-020 <b>3073.53</b>	95052A101-020 <b>3291.38</b>	91252A101-020 <b>3165.86</b>	93252A101-020 <b>3230.48</b>	---	---	522
<b>2-1/2</b>	---	---	---	95052A101-025 <b>4441.60</b>	---	---	---	---	522
<b>3</b>	---	---	---	95052A101-030 <b>4996.76</b>	---	---	---	---	522
<b>4</b>	---	---	---	95052A101-040 <b>6072.69</b>	---	---	---	---	522

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.



**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Electric**

**Polypropylene - EPDM O-ring and EPDM Diaphragm**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93123A101-005 <b>1812.95</b>	---	524
<b>3/4</b>	93123A101-007 <b>1831.28</b>	---	524
<b>1</b>	93123A101-010 <b>1872.94</b>	---	524
<b>1-1/4</b>	93123A101-012 <b>1969.36</b>	---	524
<b>1-1/2</b>	93123A101-015 <b>1982.35</b>	---	524
<b>2</b>	93123A101-020 <b>2750.78</b>	---	524
<b>2-1/2</b>	---	95023A101-025 <b>3328.53</b>	524
<b>3</b>	---	95023A101-030 <b>3606.45</b>	524
<b>4</b>	---	95023A101-040 <b>4326.04</b>	524

NOTE: O-rings used on SR Thread End Connectors only.

**Polypropylene Premium Actuated Diaphragm Valves - Electric**

Size	SR Thread	Flanged	Disc Code
<b>Viton® O-ring and EPDM Backed PTFE Diaphragm SR Thread</b>			
<b>1/2</b>	93253A101-005 <b>1903.09</b>	---	524
<b>3/4</b>	93253A101-007 <b>1915.37</b>	---	524
<b>1</b>	93253A101-010 <b>2025.76</b>	---	524
<b>1-1/4</b>	93253A101-012 <b>2149.26</b>	---	524
<b>1-1/2</b>	93253A101-015 <b>2179.98</b>	---	524
<b>2</b>	93253A101-020 <b>2974.79</b>	---	524

NOTE: O-rings used on SR Thread End Connectors only.

**Polypropylene - Viton® O-ring and Viton® Diaphragm**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93233A101-005 <b>1827.82</b>	---	524
<b>3/4</b>	93233A101-007 <b>1847.77</b>	---	524
<b>1</b>	93233A101-010 <b>1891.87</b>	---	524
<b>1-1/4</b>	93233A101-012 <b>2001.45</b>	---	524
<b>1-1/2</b>	93233A101-015 <b>2014.89</b>	---	524
<b>2</b>	93233A101-020 <b>2789.84</b>	---	524
<b>2-1/2</b>	---	95033A101-025 <b>3396.46</b>	524
<b>3</b>	---	95033A101-030 <b>3703.38</b>	524
<b>4</b>	---	95033A101-040 <b>4460.31</b>	524

NOTE: O-rings used on SR Thread End Connectors only.

**Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93153A101-005 <b>1892.00</b>	---	524
<b>3/4</b>	93153A101-007 <b>1901.88</b>	---	524
<b>1</b>	93153A101-010 <b>2009.01</b>	---	524
<b>1-1/4</b>	93153A101-012 <b>2127.89</b>	---	524
<b>1-1/2</b>	93153A101-015 <b>2157.13</b>	---	524
<b>2</b>	93153A101-020 <b>2989.99</b>	---	524
<b>2-1/2</b>	---	95053A101-025 <b>3711.37</b>	524
<b>3</b>	---	95053A101-030 <b>4100.90</b>	524
<b>4</b>	---	95053A101-040 <b>4871.11</b>	524

NOTE: O-rings used on SR Thread End Connectors only.

## Actuated Valves Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids or slurries.

- Compact, Light Weight Design
- True Union Socket/Thread, SR Thread, or Spigot End Connections - sizes 1/2"-2" Pressure Rated to 235 psi @ 73°F (23°C)
- Flanged Ends (& PTFE diaphragms) - sizes 1/2" - 2" Pressure Rated to 150 psi @ 73°F (23°C)
- Corrosion Resistant Plastic Housing
- Stainless Steel Hardware
- 90 psi Operating Pressure
- Linear Action Operation with Preset Stops
- Air-Air, Air-Spring Closed, or Optional Air-Spring Open

NOTE: "Socket" valves include standard plastic thread end connectors.

### PVC - EPDM O-ring and EPDM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91121H850-005 <b>173.00</b>	93121H850-005 <b>173.00</b>	94021H850-005 <b>167.81</b>	95021H850-005 <b>199.00</b>	550
<b>3/4 Air to Air</b>	91121H850-007 <b>185.00</b>	93121H850-007 <b>185.00</b>	94021H850-007 <b>179.45</b>	95021H850-007 <b>214.00</b>	550
<b>1 Air to Air</b>	91121H850-010 <b>195.00</b>	93121H850-010 <b>195.00</b>	94021H850-010 <b>189.15</b>	95021H850-010 <b>227.00</b>	550
<b>1-1/4 Air to Air</b>	91121H850-012 <b>306.25</b>	93121H850-012 <b>306.25</b>	94021H850-012 <b>297.06</b>	95021H850-012 <b>282.00</b>	550
<b>1-1/2 Air to Air</b>	91121H850-015 <b>308.00</b>	93121H850-015 <b>308.00</b>	94021H850-015 <b>298.76</b>	95021H850-015 <b>356.00</b>	550
<b>2 Air to Air</b>	91121H850-020 <b>375.00</b>	93121H850-020 <b>375.00</b>	94021H850-020 <b>363.75</b>	95021H850-020 <b>431.00</b>	550
<b>1/2 Air to Spring Close</b>	91121J850-005 <b>247.00</b>	93121J850-005 <b>247.00</b>	94021J850-005 <b>239.59</b>	95021J850-005 <b>286.00</b>	550
<b>3/4 Air to Spring Close</b>	91121J850-007 <b>275.00</b>	93121J850-007 <b>275.00</b>	94021J850-007 <b>266.75</b>	95021J850-007 <b>306.00</b>	550
<b>1 Air to Spring Close</b>	91121J850-010 <b>319.00</b>	93121J850-010 <b>319.00</b>	94021J850-010 <b>309.43</b>	95021J850-010 <b>325.00</b>	550
<b>1-1/4 Air to Spring Close</b>	91121J850-012 <b>393.00</b>	93121J850-012 <b>393.00</b>	94021J850-012 <b>441.35</b>	95021J850-012 <b>407.00</b>	550
<b>1-1/2 Air to Spring Close</b>	91121J850-015 <b>455.00</b>	93121J850-015 <b>455.00</b>	94021J850-015 <b>441.00</b>	95021J850-015 <b>488.00</b>	550
<b>2 Air to Spring Close</b>	91121J850-020 <b>557.00</b>	93121J850-020 <b>557.00</b>	94021J850-020 <b>540.29</b>	95021J850-020 <b>622.00</b>	550
<b>1/2 Air to Spring Open</b>	91121K850-005 <b>173.00</b>	93121K850-005 <b>173.00</b>	94021K850-005 <b>167.81</b>	95021K850-005 <b>199.00</b>	550
<b>3/4 Air to Spring Open</b>	91121K850-007 <b>185.00</b>	93121K850-007 <b>185.00</b>	94021K850-007 <b>179.45</b>	95021K850-007 <b>214.00</b>	550
<b>1 Air to Spring Open</b>	91121K850-010 <b>195.00</b>	93121K850-010 <b>195.00</b>	94021K850-010 <b>189.15</b>	95021K850-010 <b>227.00</b>	550
<b>1-1/4 Air to Spring Open</b>	91121K850-012 <b>245.00</b>	93121K850-012 <b>245.00</b>	94021K850-012 <b>237.65</b>	95021K850-012 <b>282.00</b>	550
<b>1-1/2 Air to Spring Open</b>	91121K850-015 <b>308.00</b>	93121K850-015 <b>308.00</b>	94021K850-015 <b>298.76</b>	95021K850-015 <b>356.00</b>	550
<b>2 Air to Spring Open</b>	91121K850-020 <b>375.00</b>	93121K850-020 <b>375.00</b>	94021K850-020 <b>363.75</b>	95021K850-020 <b>431.00</b>	550

### PVC - Viton® O-ring and Viton® Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91231H850-005 <b>192.22</b>	93231H850-005 <b>192.22</b>	94031H850-005 <b>186.46</b>	95031H850-005 <b>221.11</b>	550
<b>3/4 Air to Air</b>	91231H850-007 <b>205.56</b>	93231H850-007 <b>205.56</b>	94031H850-007 <b>199.39</b>	95031H850-007 <b>237.78</b>	550
<b>1 Air to Air</b>	91231H850-010 <b>216.67</b>	93231H850-010 <b>216.67</b>	94031H850-010 <b>210.17</b>	95031H850-010 <b>252.22</b>	550
<b>1-1/4 Air to Air</b>	91231H850-012 <b>360.29</b>	93231H850-012 <b>360.29</b>	94031H850-012 <b>349.49</b>	95031H850-012 <b>331.76</b>	550
<b>1-1/2 Air to Air</b>	91231H850-015 <b>362.35</b>	93231H850-015 <b>362.35</b>	94031H850-015 <b>351.48</b>	95031H850-015 <b>418.82</b>	550
<b>2 Air to Air</b>	91231H850-020 <b>441.18</b>	93231H850-020 <b>441.18</b>	94031H850-020 <b>427.94</b>	95031H850-020 <b>507.06</b>	550
<b>1/2 Air to Spring Close</b>	91231J850-005 <b>274.44</b>	93231J850-005 <b>274.44</b>	94031J850-005 <b>266.21</b>	95031J850-005 <b>317.78</b>	550
<b>3/4 Air to Spring Close</b>	91231J850-007 <b>305.56</b>	93231J850-007 <b>305.56</b>	94031J850-007 <b>296.39</b>	95031J850-007 <b>340.00</b>	550



**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**

**PVC - Viton® O-ring and Viton® Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1 Air to Spring Close</b>	91231J850-010 <b>354.44</b>	93231J850-010 <b>354.44</b>	94031J850-010 <b>343.81</b>	95031J850-010 <b>361.11</b>	550
<b>1-1/4 Air to Spring Close</b>	91231J850-012 <b>462.35</b>	93231J850-012 <b>462.35</b>	94031J850-012 <b>448.48</b>	95031J850-012 <b>478.82</b>	550
<b>1-1/2 Air to Spring Close</b>	91231J850-015 <b>535.29</b>	93231J850-015 <b>535.29</b>	94031J850-015 <b>519.24</b>	95031J850-015 <b>574.12</b>	550
<b>2 Air to Spring Close</b>	91231J850-020 <b>655.29</b>	93231J850-020 <b>655.29</b>	94031J850-020 <b>635.64</b>	95031J850-020 <b>731.76</b>	550
<b>1/2 Air to Spring Open</b>	91231K850-005 <b>192.22</b>	93231K850-005 <b>192.22</b>	94031K850-005 <b>186.46</b>	95031K850-005 <b>221.11</b>	550
<b>3/4 Air to Spring Open</b>	91231K850-007 <b>205.56</b>	93231K850-007 <b>205.56</b>	94031K850-007 <b>199.39</b>	95031K850-007 <b>237.78</b>	550
<b>1 Air to Spring Open</b>	91231K850-010 <b>216.67</b>	93231K850-010 <b>216.67</b>	94031K850-010 <b>210.17</b>	95031K850-010 <b>252.22</b>	550
<b>1-1/4 Air to Spring Open</b>	91231K850-012 <b>288.24</b>	93231K850-012 <b>288.24</b>	94031K850-012 <b>279.59</b>	95031K850-012 <b>331.76</b>	550
<b>1-1/2 Air to Spring Open</b>	91231K850-015 <b>362.35</b>	93231K850-015 <b>362.35</b>	94031K850-015 <b>351.48</b>	95031K850-015 <b>418.82</b>	550
<b>2 Air to Spring Open</b>	91231K850-020 <b>441.18</b>	93231K850-020 <b>441.18</b>	94031K850-020 <b>427.94</b>	95031K850-020 <b>507.06</b>	550

**PVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91151H850-005 <b>232.00</b>	93151H850-005 <b>232.00</b>	94051H850-005 <b>225.04</b>	95051H850-005 <b>288.00</b>	550
<b>3/4 Air to Air</b>	91151H850-007 <b>249.00</b>	93151H850-007 <b>249.00</b>	94051H850-007 <b>241.53</b>	95051H850-007 <b>287.00</b>	550
<b>1 Air to Air</b>	91151H850-010 <b>266.00</b>	93151H850-010 <b>266.00</b>	94051H850-010 <b>258.02</b>	95051H850-010 <b>304.00</b>	550
<b>1-1/4 Air to Air</b>	91151H850-012 <b>332.00</b>	93151H850-012 <b>332.00</b>	94051H850-012 <b>322.04</b>	95051H850-012 <b>378.00</b>	550
<b>1-1/2 Air to Air</b>	91151H850-015 <b>418.00</b>	93151H850-015 <b>418.00</b>	94051H850-015 <b>405.46</b>	95051H850-015 <b>478.00</b>	550
<b>2 Air to Air</b>	91151H850-020 <b>503.00</b>	93151H850-020 <b>503.00</b>	94051H850-020 <b>487.91</b>	95051H850-020 <b>578.00</b>	550
<b>1/2 Air to Spring Close</b>	91151J850-005 <b>308.00</b>	93151J850-005 <b>308.00</b>	94051J850-005 <b>298.76</b>	95051J850-005 <b>374.00</b>	550
<b>3/4 Air to Spring Close</b>	91151J850-007 <b>330.00</b>	93151J850-007 <b>330.00</b>	94051J850-007 <b>320.10</b>	95051J850-007 <b>396.00</b>	550
<b>1 Air to Spring Close</b>	91151J850-010 <b>351.00</b>	93151J850-010 <b>351.00</b>	94051J850-010 <b>340.47</b>	95051J850-010 <b>421.00</b>	550
<b>1-1/4 Air to Spring Close</b>	91151J850-012 <b>441.00</b>	93151J850-012 <b>441.00</b>	94051J850-012 <b>427.77</b>	95051J850-012 <b>528.00</b>	550
<b>1-1/2 Air to Spring Close</b>	91151J850-015 <b>528.00</b>	93151J850-015 <b>528.00</b>	94051J850-015 <b>512.16</b>	95051J850-015 <b>656.00</b>	550
<b>2 Air to Spring Close</b>	91151J850-020 <b>672.00</b>	93151J850-020 <b>672.00</b>	94051J850-020 <b>651.84</b>	95051J850-020 <b>805.00</b>	550
<b>1/2 Air to Spring Open</b>	91151K850-005 <b>232.00</b>	93151K850-005 <b>232.00</b>	94051K850-005 <b>225.04</b>	95051K850-005 <b>269.00</b>	550
<b>3/4 Air to Spring Open</b>	91151K850-007 <b>249.00</b>	93151K850-007 <b>249.00</b>	94051K850-007 <b>241.53</b>	95051K850-007 <b>288.00</b>	550
<b>1 Air to Spring Open</b>	91151K850-010 <b>266.00</b>	93151K850-010 <b>266.00</b>	94051K850-010 <b>258.02</b>	95051K850-010 <b>303.00</b>	550
<b>1-1/4 Air to Spring Open</b>	91151K850-012 <b>332.00</b>	93151K850-012 <b>332.00</b>	94051K850-012 <b>322.04</b>	95051K850-012 <b>382.00</b>	550
<b>1-1/2 Air to Spring Open</b>	91151K850-015 <b>418.00</b>	93151K850-015 <b>418.00</b>	94051K850-015 <b>405.46</b>	95051K850-015 <b>478.00</b>	550
<b>2 Air to Spring Open</b>	91151K850-020 <b>503.00</b>	93151K850-020 <b>503.00</b>	94051K850-020 <b>487.91</b>	95051K850-020 <b>579.00</b>	550

**PVC - Viton® O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91251H850-005 <b>257.78</b>	93251H850-005 <b>257.78</b>	---	---	550
<b>3/4 Air to Air</b>	91251H850-007 <b>276.67</b>	93251H850-007 <b>276.67</b>	---	---	550
<b>1 Air to Air</b>	91251H850-010 <b>295.56</b>	93251H850-010 <b>295.56</b>	---	---	550
<b>1-1/4 Air to Air</b>	91251H850-012 <b>368.89</b>	93251H850-012 <b>368.89</b>	---	---	550
<b>1-1/2 Air to Air</b>	91251H850-015 <b>464.44</b>	93251H850-015 <b>464.44</b>	---	---	550
<b>2 Air to Air</b>	91251H850-020 <b>558.89</b>	93251H850-020 <b>558.89</b>	---	---	550

**Actuated Valves  
Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**



**PVC - Viton® O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Spring Close</b>	91251J850-005 <b>342.22</b>	93251J850-005 <b>342.22</b>	---	---	550
<b>3/4 Air to Spring Close</b>	91251J850-007 <b>366.67</b>	93251J850-007 <b>366.67</b>	---	---	550
<b>1 Air to Spring Close</b>	91251J850-010 <b>390.00</b>	93251J850-010 <b>390.00</b>	---	---	550
<b>1-1/4 Air to Spring Close</b>	91251J850-012 <b>490.00</b>	93251J850-012 <b>490.00</b>	---	---	550
<b>1-1/2 Air to Spring Close</b>	91251J850-015 <b>586.67</b>	93251J850-015 <b>586.67</b>	---	---	550
<b>2 Air to Spring Close</b>	91251J850-020 <b>746.67</b>	93251J850-020 <b>746.67</b>	---	---	550
<b>1/2 Air to Spring Open</b>	91251K850-005 <b>257.78</b>	93251K850-005 <b>257.78</b>	---	---	550
<b>3/4 Air to Spring Open</b>	91251K850-007 <b>276.67</b>	93251K850-007 <b>276.67</b>	---	---	550
<b>1 Air to Spring Open</b>	91251K850-010 <b>295.56</b>	93251K850-010 <b>295.56</b>	---	---	550
<b>1-1/4 Air to Spring Open</b>	91251K850-012 <b>368.89</b>	93251K850-012 <b>368.89</b>	---	---	550
<b>1-1/2 Air to Spring Open</b>	91251K850-015 <b>464.44</b>	93251K850-015 <b>464.44</b>	---	---	550
<b>2 Air to Spring Open</b>	91251K850-020 <b>558.89</b>	93251K850-020 <b>558.89</b>	---	---	550

**CPVC - EPDM O-ring and EPDM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91122H850-005 <b>249.00</b>	93122H850-005 <b>249.00</b>	94022H850-005 <b>241.00</b>	95022H850-005 <b>286.00</b>	552
<b>3/4 Air to Air</b>	91122H850-007 <b>268.00</b>	93122H850-007 <b>268.00</b>	94022H850-007 <b>259.00</b>	95022H850-007 <b>306.00</b>	552
<b>1 Air to Air</b>	91122H850-010 <b>284.00</b>	93122H850-010 <b>284.00</b>	94022H850-010 <b>275.00</b>	95022H850-010 <b>324.00</b>	552
<b>1-1/4 Air to Air</b>	91122H850-012 <b>353.00</b>	93122H850-012 <b>353.00</b>	94022H850-012 <b>342.00</b>	95022H850-012 <b>405.00</b>	552
<b>1-1/2 Air to Air</b>	91122H850-015 <b>445.00</b>	93122H850-015 <b>445.00</b>	94022H850-015 <b>432.00</b>	95022H850-015 <b>510.00</b>	552
<b>2 Air to Air</b>	91122H850-020 <b>539.00</b>	93122H850-020 <b>539.00</b>	94022H850-020 <b>523.00</b>	95022H850-020 <b>621.00</b>	552
<b>1/2 Air to Spring Close</b>	91122J850-005 <b>356.00</b>	93122J850-005 <b>356.00</b>	94022J850-005 <b>346.00</b>	95022J850-005 <b>409.00</b>	552
<b>3/4 Air to Spring Close</b>	91122J850-007 <b>399.00</b>	93122J850-007 <b>399.00</b>	94022J850-007 <b>387.00</b>	95022J850-007 <b>438.00</b>	552
<b>1 Air to Spring Close</b>	91122J850-010 <b>465.00</b>	93122J850-010 <b>465.00</b>	94022J850-010 <b>451.00</b>	95022J850-010 <b>463.00</b>	552
<b>1-1/4 Air to Spring Close</b>	91122J850-012 <b>569.00</b>	93122J850-012 <b>569.00</b>	94022J850-012 <b>552.00</b>	95022J850-012 <b>579.00</b>	552
<b>1-1/2 Air to Spring Close</b>	91122J850-015 <b>654.00</b>	93122J850-015 <b>654.00</b>	94022J850-015 <b>634.00</b>	95022J850-015 <b>729.00</b>	552
<b>2 Air to Spring Close</b>	91122J850-020 <b>823.00</b>	93122J850-020 <b>823.00</b>	94022J850-020 <b>798.00</b>	95022J850-020 <b>888.00</b>	552
<b>1/2 Air to Spring Open</b>	91122K850-005 <b>249.00</b>	93122K850-005 <b>249.00</b>	94022K850-005 <b>241.00</b>	95022K850-005 <b>286.00</b>	552
<b>3/4 Air to Spring Open</b>	91122K850-007 <b>268.00</b>	93122K850-007 <b>268.00</b>	94022K850-007 <b>259.00</b>	95022K850-007 <b>306.00</b>	552
<b>1 Air to Spring Open</b>	91122K850-010 <b>284.00</b>	93122K850-010 <b>284.00</b>	94022K850-010 <b>275.00</b>	95022K850-010 <b>324.00</b>	552
<b>1-1/4 Air to Spring Open</b>	91122K850-012 <b>353.00</b>	93122K850-012 <b>353.00</b>	94022K850-012 <b>342.00</b>	95022K850-012 <b>405.00</b>	552
<b>1-1/2 Air to Spring Open</b>	91122K850-015 <b>445.00</b>	93122K850-015 <b>445.00</b>	94022K850-015 <b>432.00</b>	95022K850-015 <b>510.00</b>	552
<b>2 Air to Spring Open</b>	91122K850-020 <b>539.00</b>	93122K850-020 <b>539.00</b>	94022K850-020 <b>523.00</b>	95022K850-020 <b>621.00</b>	552

**CPVC - Viton® O-ring and Viton® Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91232H850-005 <b>311.00</b>	93232H850-005 <b>311.00</b>	94032H850-005 <b>302.00</b>	95032H850-005 <b>318.00</b>	552
<b>3/4 Air to Air</b>	91232H850-007 <b>334.00</b>	93232H850-007 <b>334.00</b>	94032H850-007 <b>324.00</b>	95032H850-007 <b>340.00</b>	552
<b>1 Air to Air</b>	91232H850-010 <b>355.00</b>	93232H850-010 <b>355.00</b>	94032H850-010 <b>344.00</b>	95032H850-010 <b>360.00</b>	552
<b>1-1/4 Air to Air</b>	91232H850-012 <b>441.00</b>	93232H850-012 <b>441.00</b>	94032H850-012 <b>427.00</b>	95032H850-012 <b>476.00</b>	552



**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**

**CPVC - Viton® O-ring and Viton® Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1-1/2 Air to Air</b>	91232H850-015 <b>556.00</b>	93232H850-015 <b>556.00</b>	94032H850-015 <b>540.00</b>	95032H850-015 <b>600.00</b>	552
<b>2 Air to Air</b>	91232H850-020 <b>673.00</b>	93232H850-020 <b>673.00</b>	94032H850-020 <b>653.00</b>	95032H850-020 <b>731.00</b>	552
<b>1/2 Air to Spring Close</b>	91232J850-005 <b>445.00</b>	93232J850-005 <b>445.00</b>	94032J850-005 <b>432.00</b>	95032J850-005 <b>481.00</b>	552
<b>3/4 Air to Spring Close</b>	91232J850-007 <b>498.00</b>	93232J850-007 <b>498.00</b>	94032J850-007 <b>483.00</b>	95032J850-007 <b>515.00</b>	552
<b>1 Air to Spring Close</b>	91232J850-010 <b>581.00</b>	93232J850-010 <b>581.00</b>	94032J850-010 <b>564.00</b>	95032J850-010 <b>544.00</b>	552
<b>1-1/4 Air to Spring Close</b>	91232J850-012 <b>711.00</b>	93232J850-012 <b>711.00</b>	94032J850-012 <b>690.00</b>	95032J850-012 <b>681.00</b>	552
<b>1-1/2 Air to Spring Close</b>	91232J850-015 <b>817.00</b>	93232J850-015 <b>817.00</b>	94032J850-015 <b>793.00</b>	95032J850-015 <b>857.00</b>	552
<b>2 Air to Spring Close</b>	91232J850-020 <b>1028.00</b>	93232J850-020 <b>1028.00</b>	94032J850-020 <b>997.00</b>	95032J850-020 <b>1044.00</b>	552
<b>1/2 Air to Spring Open</b>	91232K850-005 <b>311.00</b>	93232K850-005 <b>311.00</b>	94032K850-005 <b>302.00</b>	95032K850-005 <b>337.00</b>	552
<b>3/4 Air to Spring Open</b>	91232K850-007 <b>334.00</b>	93232K850-007 <b>334.00</b>	94032K850-007 <b>324.00</b>	95032K850-007 <b>360.00</b>	552
<b>1 Air to Spring Open</b>	91232K850-010 <b>355.00</b>	93232K850-010 <b>355.00</b>	94032K850-010 <b>344.00</b>	95032K850-010 <b>381.00</b>	552
<b>1-1/4 Air to Spring Open</b>	91232K850-012 <b>441.00</b>	93232K850-012 <b>441.00</b>	94032K850-012 <b>427.00</b>	95032K850-012 <b>476.00</b>	552
<b>1-1/2 Air to Spring Open</b>	91232K850-015 <b>556.00</b>	93232K850-015 <b>556.00</b>	94032K850-015 <b>540.00</b>	95032K850-015 <b>600.00</b>	552
<b>2 Air to Spring Open</b>	91232K850-020 <b>673.00</b>	93232K850-020 <b>673.00</b>	94032K850-020 <b>653.00</b>	95032K850-020 <b>731.00</b>	552

**CPVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91152H850-005 <b>336.00</b>	93152H850-005 <b>336.00</b>	94052H850-005 <b>326.00</b>	95052H850-005 <b>336.00</b>	552
<b>3/4 Air to Air</b>	91152H850-007 <b>360.00</b>	93152H850-007 <b>360.00</b>	94052H850-007 <b>349.00</b>	95052H850-007 <b>413.00</b>	552
<b>1 Air to Air</b>	91152H850-010 <b>379.00</b>	93152H850-010 <b>379.00</b>	94052H850-010 <b>367.00</b>	95052H850-010 <b>436.00</b>	552
<b>1-1/4 Air to Air</b>	91152H850-012 <b>478.00</b>	93152H850-012 <b>478.00</b>	94052H850-012 <b>463.00</b>	95052H850-012 <b>551.00</b>	552
<b>1-1/2 Air to Air</b>	91152H850-015 <b>598.00</b>	93152H850-015 <b>598.00</b>	94052H850-015 <b>580.00</b>	95052H850-015 <b>690.00</b>	552
<b>2 Air to Air</b>	91152H850-020 <b>724.00</b>	93152H850-020 <b>724.00</b>	94052H850-020 <b>702.00</b>	95052H850-020 <b>833.00</b>	552
<b>1/2 Air to Spring Close</b>	91152J850-005 <b>448.00</b>	93152J850-005 <b>448.00</b>	94052J850-005 <b>434.00</b>	95052J850-005 <b>480.00</b>	552
<b>3/4 Air to Spring Close</b>	91152J850-007 <b>480.00</b>	93152J850-007 <b>480.00</b>	94052J850-007 <b>466.00</b>	95052J850-007 <b>589.00</b>	552
<b>1 Air to Spring Close</b>	91152J850-010 <b>499.00</b>	93152J850-010 <b>499.00</b>	94052J850-010 <b>484.00</b>	95052J850-010 <b>623.00</b>	552
<b>1-1/4 Air to Spring Close</b>	91152J850-012 <b>636.00</b>	93152J850-012 <b>636.00</b>	94052J850-012 <b>617.00</b>	95052J850-012 <b>788.00</b>	552
<b>1-1/2 Air to Spring Close</b>	91152J850-015 <b>756.00</b>	93152J850-015 <b>756.00</b>	94052J850-015 <b>734.00</b>	95052J850-015 <b>986.00</b>	552
<b>2 Air to Spring Close</b>	91152J850-020 <b>965.00</b>	93152J850-020 <b>965.00</b>	94052J850-020 <b>936.00</b>	95052J850-020 <b>1189.00</b>	552
<b>1/2 Air to Spring Open</b>	91152K850-005 <b>336.00</b>	93152K850-005 <b>336.00</b>	94052K850-005 <b>326.00</b>	95052K850-005 <b>336.00</b>	552
<b>3/4 Air to Spring Open</b>	91152K850-007 <b>360.00</b>	93152K850-007 <b>360.00</b>	94052K850-007 <b>349.00</b>	95052K850-007 <b>413.00</b>	552
<b>1 Air to Spring Open</b>	91152K850-010 <b>379.00</b>	93152K850-010 <b>379.00</b>	94052K850-010 <b>367.00</b>	95052K850-010 <b>436.00</b>	552
<b>1-1/4 Air to Spring Open</b>	91152K850-012 <b>478.00</b>	93152K850-012 <b>478.00</b>	94052K850-012 <b>463.00</b>	95052K850-012 <b>551.00</b>	552
<b>1-1/2 Air to Spring Open</b>	91152K850-015 <b>598.00</b>	93152K850-015 <b>598.00</b>	94052K850-015 <b>580.00</b>	95052K850-015 <b>690.00</b>	552
<b>2 Air to Spring Open</b>	91152K850-020 <b>724.00</b>	93152K850-020 <b>724.00</b>	94052K850-020 <b>702.00</b>	95052K850-020 <b>833.00</b>	552

**CPVC - Viton® O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91252H850-005 <b>389.00</b>	93252H850-005 <b>389.00</b>	---	---	552
<b>3/4 Air to Air</b>	91252H850-007 <b>418.00</b>	93252H850-007 <b>418.00</b>	---	---	552



**Actuated Valves  
Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**



**CPVC - Viton® O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1 Air to Air</b>	91252H850-010 <b>443.00</b>	93252H850-010 <b>443.00</b>	---	---	552
<b>1-1/4 Air to Air</b>	91252H850-012 <b>551.00</b>	93252H850-012 <b>551.00</b>	---	---	552
<b>1-1/2 Air to Air</b>	91252H850-015 <b>695.00</b>	93252H850-015 <b>695.00</b>	---	---	552
<b>2 Air to Air</b>	91252H850-020 <b>842.00</b>	93252H850-020 <b>842.00</b>	---	---	552
<b>1/2 Air to Spring Close</b>	91252J850-005 <b>557.00</b>	93252J850-005 <b>557.00</b>	---	---	552
<b>3/4 Air to Spring Close</b>	91252J850-007 <b>623.00</b>	93252J850-007 <b>623.00</b>	---	---	552
<b>1 Air to Spring Close</b>	91252J850-010 <b>727.00</b>	93252J850-010 <b>727.00</b>	---	---	552
<b>1-1/4 Air to Spring Close</b>	91252J850-012 <b>889.00</b>	93252J850-012 <b>889.00</b>	---	---	552
<b>1-1/2 Air to Spring Close</b>	91252J850-015 <b>1021.00</b>	93252J850-015 <b>1021.00</b>	---	---	552
<b>2 Air to Spring Close</b>	91252J850-020 <b>1285.00</b>	93252J850-020 <b>1285.00</b>	---	---	552
<b>1/2 Air to Spring Open</b>	91252K850-005 <b>389.00</b>	93252K850-005 <b>389.00</b>	---	---	552
<b>3/4 Air to Spring Open</b>	91252K850-007 <b>418.00</b>	93252K850-007 <b>418.00</b>	---	---	552
<b>1 Air to Spring Open</b>	91252K850-010 <b>443.00</b>	93252K850-010 <b>443.00</b>	---	---	552
<b>1-1/4 Air to Spring Open</b>	91252K850-012 <b>551.00</b>	93252K850-012 <b>551.00</b>	---	---	552
<b>1-1/2 Air to Spring Open</b>	91252K850-015 <b>695.00</b>	93252K850-015 <b>695.00</b>	---	---	552
<b>2 Air to Spring Open</b>	91252K850-020 <b>842.00</b>	93252K850-020 <b>842.00</b>	---	---	552



**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**

**Polypropylene - EPDM O-ring and EPDM Diaphragm SR Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
93123H850-005	1/2 Air to Air	1	0	554	208.00
93123H850-007	3/4 Air to Air	1	0	554	225.00
93123H850-010	1 Air to Air	1	0	554	235.00
93123H850-012	1-1/4 Air to Air	1	0	554	298.00
93123H850-015	1-1/2 Air to Air	1	0	554	374.00
93123H850-020	2 Air to Air	1	0	554	451.00
93123J850-005	1/2 Air to Spring Close	1	0	554	282.00
93123J850-007	3/4 Air to Spring Close	1	0	554	324.00
93123J850-010	1 Air to Spring Close	1	0	554	368.00
93123J850-012	1-1/4 Air to Spring Close	1	0	554	420.00
93123J850-015	1-1/2 Air to Spring	1	0	554	513.00
93123J850-020	2 Air to Spring Close	1	0	554	631.00
93123K850-005	1/2 Air to Spring Open	1	0	554	208.00
93123K850-007	3/4 Air to Spring Open	1	0	554	225.00
93123K850-010	1 Air to Spring Open	1	0	554	235.00
93123K850-012	1-1/4 Air to Spring Open	1	0	554	298.00
93123K850-015	1-1/2 Air to Spring Open	1	0	554	374.00
93123K850-020	2 Air to Spring Open	1	0	554	451.00

**Polypropylene - Viton® O-ring and EPDM Backed PTFE Diaphragm SR Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
93253H850-005	1/2 Air to Air	1	0	554	402.00
93253H850-007	3/4 Air to Air	1	0	554	417.00
93253H850-010	1 Air to Air	1	0	554	435.00
93253H850-012	1-1/4 Air to Air	1	0	554	601.00
93253H850-015	1-1/2 Air to Air	1	0	554	723.00
93253H850-020	2 Air to Air	1	0	554	881.00
93253J850-005	1/2 Air to Spring Close	1	0	554	417.00
93253J850-007	3/4 Air to Spring Close	1	0	554	445.00
93253J850-010	1 Air to Spring Close	1	0	554	474.00
93253J850-012	1-1/4 Air to Spring Close	1	0	554	591.00
93253J850-015	1-1/2 Air to Spring Close	1	0	554	708.00
93253J850-020	2 Air to Spring Close	1	0	554	906.00
93253K850-005	1/2 Air to Spring Open	1	0	554	402.00
93253K850-007	3/4 Air to Spring Open	1	0	554	417.00
93253K850-010	1 Air to Spring Open	1	0	554	435.00
93253K850-012	1-1/4 Air to Spring Open	1	0	554	601.00
93253K850-015	1-1/2 Air to Spring Open	1	0	554	723.00
93253K850-020	2 Air to Spring Open	1	0	554	881.00

**Polypropylene - Viton® O-ring and Viton® Diaphragm SR Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
93233H850-005	1/2 Air to Air	1	0	554	330.00
93233H850-007	3/4 Air to Air	1	0	554	357.00
93233H850-010	1 Air to Air	1	0	554	373.00
93233H850-012	1-1/4 Air to Air	1	0	554	473.00
93233H850-015	1-1/2 Air to Air	1	0	554	594.00
93233H850-020	2 Air to Air	1	0	554	716.00
93233J850-005	1/2 Air to Spring Close	1	0	554	448.00
93233J850-007	3/4 Air to Spring Close	1	0	554	514.00
93233J850-010	1 Air to Spring Close	1	0	554	584.00
93233J850-012	1-1/4 Air to Spring Close	1	0	554	667.00
93233J850-015	1-1/2 Air to Spring Close	1	0	554	814.00
93233J850-020	2 Air to Spring Close	1	0	554	1002.00
93233K850-005	1/2 Air to Spring Open	1	0	554	330.00
93233K850-007	3/4 Air to Spring Open	1	0	554	357.00
93233K850-010	1 Air to Spring Open	1	0	554	373.00
93233K850-012	1-1/4 Air to Spring Open	1	0	554	473.00
93233K850-015	1-1/2 Air to Spring Open	1	0	554	594.00
93233K850-020	2 Air to Spring Open	1	0	554	716.00

**Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm SR Thread**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
93153H850-005	1/2 Air to Air	1	0	554	346.00
93153H850-007	3/4 Air to Air	1	0	554	359.00
93153H850-010	1 Air to Air	1	0	554	374.00
93153H850-012	1-1/4 Air to Air	1	0	554	517.00
93153H850-015	1-1/2 Air to Air	1	0	554	622.00
93153H850-020	2 Air to Air	1	0	554	758.00
93153J850-005	1/2 Air to Spring Close	1	0	554	359.00
93153J850-007	3/4 Air to Spring Close	1	0	554	383.00
93153J850-010	1 Air to Spring Close	1	0	554	408.00
93153J850-012	1-1/4 Air to Spring Close	1	0	554	508.00
93153J850-015	1-1/2 Air to Spring Close	1	0	554	609.00
93153J850-020	2 Air to Spring Close	1	0	554	779.00
93153K850-005	1/2 Air to Spring Open	1	0	554	346.00
93153K850-007	3/4 Air to Spring Open	1	0	554	359.00
93153K850-010	1 Air to Spring Open	1	0	554	374.00
93153K850-012	1-1/4 Air to Spring Open	1	0	554	517.00
93153K850-015	1-1/2 Air to Spring Open	1	0	554	622.00
93153K850-020	2 Air to Spring Open	1	0	554	758.00

**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Pneumatic**



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids. Full-featured actuator can be custom configured with add-on accessories.

- Stainless Steel Hardware
- 235 psi @ 73°F (23°C) - sizes 1/2" - 2" (flanged & PTFE diaphragm-150 psi), 2-1/2" - 4"-150 psi
- 80 psi Operating Pressure
- Linear Action Operation with Preset Stops
- Air-Air or Air-Spring Closed (optional spring open)

See **Pneumatic Actuator Accessories for Diaphragm Valves** for Add-on Actuator Accessories

**PVC - EPDM O-ring and EPDM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91121H100-005 <b>814.66</b>	93121H100-005 <b>819.76</b>	94021H100-005 <b>811.47</b>	95021H100-005 <b>891.34</b>	550
<b>1/2 Air to Spring</b>	91121J100-005 <b>844.62</b>	93121J100-005 <b>849.72</b>	94021J100-005 <b>841.43</b>	95021J100-005 <b>921.31</b>	550
<b>3/4 Air to Air</b>	91121H100-007 <b>1086.73</b>	93121H100-007 <b>1094.04</b>	94021H100-007 <b>1082.01</b>	95021H100-007 <b>1171.45</b>	550
<b>3/4 Air to Spring</b>	91121J100-007 <b>1131.70</b>	93121J100-007 <b>1138.99</b>	94021J100-007 <b>1126.96</b>	95021J100-007 <b>1216.39</b>	550
<b>1 Air to Air</b>	91121H100-010 <b>1177.55</b>	93121H100-010 <b>1187.67</b>	94021H100-010 <b>1172.98</b>	95021H100-010 <b>1257.21</b>	550
<b>1 Air to Spring</b>	91121J100-010 <b>1225.51</b>	93121J100-010 <b>1235.63</b>	94021J100-010 <b>1220.93</b>	95021J100-010 <b>1305.15</b>	550
<b>1-1/4 Air to Air</b>	91121H100-012 <b>1959.05</b>	93121H100-012 <b>1975.59</b>	94021H100-012 <b>1950.43</b>	95021H100-012 <b>2042.33</b>	550
<b>1-1/4 Air to Spring</b>	91121J100-012 <b>2036.96</b>	93121J100-012 <b>2053.51</b>	94021J100-012 <b>2028.33</b>	95021J100-012 <b>2120.22</b>	550
<b>1-1/2 Air to Air</b>	91121H100-015 <b>1972.81</b>	93121H100-015 <b>2000.61</b>	94021H100-015 <b>1965.73</b>	95021H100-015 <b>2046.56</b>	550
<b>1-1/2 Air to Spring</b>	91121J100-015 <b>2050.71</b>	93121J100-015 <b>2078.52</b>	94021J100-015 <b>2043.65</b>	95021J100-015 <b>2124.46</b>	550
<b>2 Air to Air</b>	91121H100-020 <b>2237.30</b>	93121H100-020 <b>2267.41</b>	94021H100-020 <b>2226.94</b>	95021H100-020 <b>2226.53</b>	550
<b>2 Air to Spring</b>	91121J100-020 <b>2324.19</b>	93121J100-020 <b>2354.31</b>	94021J100-020 <b>2313.83</b>	95021J100-020 <b>2413.43</b>	550
<b>2-1/2 Air to Air</b>	---	---	---	95021H100-025 <b>2713.48</b>	550
<b>2-1/2 Air to Spring</b>	---	---	---	95021J100-025 <b>3288.81</b>	550
<b>3 Air to Air</b>	---	---	---	95021H100-030 <b>3482.31</b>	550
<b>3 Air to Spring</b>	---	---	---	95021J100-030 <b>4387.21</b>	550
<b>4 Air to Air</b>	---	---	---	95021H100-040 <b>4644.17</b>	550
<b>4 Air to Spring</b>	---	---	---	95021J100-040 <b>5111.61</b>	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**PVC - Viton® O-ring and Viton® Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91231H100-005 <b>828.96</b>	93231H100-005 <b>834.05</b>	94031H100-005 <b>825.37</b>	95031H100-005 <b>908.31</b>	550
<b>1/2 Air to Spring</b>	91231J100-005 <b>858.90</b>	93231J100-005 <b>864.03</b>	94031J100-005 <b>855.33</b>	95031J100-005 <b>938.28</b>	550
<b>3/4 Air to Air</b>	91231H100-007 <b>1102.96</b>	93231H100-007 <b>1110.24</b>	94031H100-007 <b>1097.09</b>	95031H100-007 <b>1177.26</b>	550
<b>3/4 Air to Spring</b>	91231J100-007 <b>1147.89</b>	93231J100-007 <b>1155.18</b>	94031J100-007 <b>1142.02</b>	95031J100-007 <b>1222.20</b>	550
<b>1 Air to Air</b>	91231H100-010 <b>1195.31</b>	93231H100-010 <b>1205.45</b>	94031H100-010 <b>1188.59</b>	95031H100-010 <b>1287.89</b>	550
<b>1 Air to Spring</b>	91231J100-010 <b>1243.23</b>	93231J100-010 <b>1253.40</b>	94031J100-010 <b>1236.53</b>	95031J100-010 <b>1335.83</b>	550
<b>1-1/4 Air to Air</b>	91231H100-012 <b>2009.91</b>	93231H100-012 <b>2026.14</b>	94031H100-012 <b>2003.70</b>	95031H100-012 <b>2080.02</b>	550
<b>1-1/4 Air to Spring</b>	91231J100-012 <b>2087.81</b>	93231J100-012 <b>2104.05</b>	94031J100-012 <b>2081.61</b>	95031J100-012 <b>2157.91</b>	550



**Actuated Valves  
Premium Actuated Diaphragm Valve - Pneumatic**

**PVC - Viton® O-ring and Viton® Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1-1/2 Air to Air</b>	91231H100-015 <b>2017.28</b>	93231H100-015 <b>2045.07</b>	94031H100-015 <b>2009.10</b>	95031H100-015 <b>2088.04</b>	550
<b>1-1/2 Air to Spring</b>	91231J100-015 <b>2095.18</b>	93231J100-015 <b>2122.99</b>	94031J100-015 <b>2087.00</b>	95031J100-015 <b>2165.96</b>	550
<b>2 Air to Air</b>	91231H100-020 <b>2299.23</b>	93231H100-020 <b>2329.38</b>	94031H100-020 <b>2285.59</b>	95031H100-020 <b>2356.11</b>	550
<b>2 Air to Spring</b>	91231J100-020 <b>2386.14</b>	93231J100-020 <b>2416.28</b>	94031J100-020 <b>2372.47</b>	95031J100-020 <b>2442.99</b>	550
<b>2-1/2 Air to Air</b>	---	---	---	95031H100-025 <b>2798.15</b>	550
<b>2-1/2 Air to Spring</b>	---	---	---	95031J100-025 <b>3373.46</b>	550
<b>3 Air to Air</b>	---	---	---	95031H100-030 <b>3570.31</b>	550
<b>3 Air to Spring</b>	---	---	---	95031J100-030 <b>4475.22</b>	550
<b>4 Air to Air</b>	---	---	---	95031H100-040 <b>4743.43</b>	550
<b>4 Air to Spring</b>	---	---	---	95031J100-040 <b>5210.82</b>	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**PVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91151H100-005 <b>890.99</b>	93151H100-005 <b>896.09</b>	94051H100-005 <b>883.95</b>	95051H100-005 <b>966.50</b>	550
<b>1/2 Air to Spring</b>	91151J100-005 <b>920.96</b>	93151J100-005 <b>926.03</b>	94051J100-005 <b>913.89</b>	95051J100-005 <b>996.46</b>	550
<b>3/4 Air to Air</b>	91151H100-007 <b>1159.61</b>	93151H100-007 <b>1166.93</b>	94051H100-007 <b>1151.90</b>	95051H100-007 <b>1243.93</b>	550
<b>3/4 Air to Spring</b>	91151J100-007 <b>1249.50</b>	93151J100-007 <b>1211.87</b>	94051J100-007 <b>1196.85</b>	95051J100-007 <b>1288.88</b>	550
<b>1 Air to Air</b>	91151H100-010 <b>1313.35</b>	93151H100-010 <b>1323.47</b>	94051H100-010 <b>1305.87</b>	95051H100-010 <b>1383.82</b>	550
<b>1 Air to Spring</b>	91151J100-010 <b>1361.30</b>	93151J100-010 <b>1371.43</b>	94051J100-010 <b>1353.80</b>	95051J100-010 <b>1431.77</b>	550
<b>1-1/4 Air to Air</b>	91151H100-012 <b>2123.78</b>	93151H100-012 <b>2140.01</b>	94051H100-012 <b>2113.69</b>	95051H100-012 <b>1555.14</b>	550
<b>1-1/4 Air to Spring</b>	91151J100-012 <b>2201.67</b>	93151J100-012 <b>2217.93</b>	94051J100-012 <b>2191.61</b>	95051J100-012 <b>1555.14</b>	550
<b>1-1/2 Air to Air</b>	91151H100-015 <b>2153.10</b>	93151H100-015 <b>2180.91</b>	94051H100-015 <b>2141.56</b>	95051H100-015 <b>2229.15</b>	550
<b>1-1/2 Air to Spring</b>	91151J100-015 <b>2231.00</b>	93151J100-015 <b>2258.81</b>	94051J100-015 <b>2219.47</b>	95051J100-015 <b>2307.05</b>	550
<b>2 Air to Air</b>	91151H100-020 <b>2430.81</b>	93151H100-020 <b>2460.96</b>	94051H100-020 <b>2414.96</b>	95051H100-020 <b>2507.39</b>	550
<b>2 Air to Spring</b>	91151J100-020 <b>2517.70</b>	93151J100-020 <b>2547.85</b>	94051J100-020 <b>2501.84</b>	95051J100-020 <b>2594.30</b>	550
<b>2-1/2 Air to Air</b>	---	---	---	95051H100-025 <b>3056.55</b>	550
<b>2-1/2 Air to Spring</b>	---	---	---	95051J100-025 <b>3631.86</b>	550
<b>3 Air to Air</b>	---	---	---	95051H100-030 <b>3916.98</b>	550
<b>3 Air to Spring</b>	---	---	---	95051J100-030 <b>4821.88</b>	550
<b>4 Air to Air</b>	---	---	---	95051H100-040 <b>5246.96</b>	550
<b>4 Air to Spring</b>	---	---	---	95051J100-040 <b>5714.41</b>	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**PVC - Viton® O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91251H100-005 <b>913.45</b>	93251H100-005 <b>918.55</b>	---	---	550
<b>1/2 Air to Spring</b>	91251J100-005 <b>943.43</b>	93251J100-005 <b>948.51</b>	---	---	550
<b>3/4 Air to Air</b>	91251H100-007 <b>1186.33</b>	93251H100-007 <b>1193.65</b>	---	---	550
<b>3/4 Air to Spring</b>	91251J100-007 <b>1231.29</b>	93251J100-007 <b>1238.61</b>	---	---	550

**Actuated Valves  
Premium Actuated Diaphragm Valve - Pneumatic**



**PVC - Viton® O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1 Air to Air</b>	91251H100-010 <b>1324.89</b>	93251H100-010 <b>1335.01</b>	---	---	550
<b>1 Air to Spring</b>	91251J100-010 <b>1372.84</b>	93251J100-010 <b>1382.97</b>	---	---	550
<b>1-1/4 Air to Air</b>	91251H100-012 <b>2149.81</b>	93251H100-012 <b>2166.05</b>	---	---	550
<b>1-1/4 Air to Spring</b>	91251J100-012 <b>2227.71</b>	93251J100-012 <b>2243.94</b>	---	---	550
<b>1-1/2 Air to Air</b>	91251H100-015 <b>2176.26</b>	93251H100-015 <b>2204.07</b>	---	---	550
<b>1-1/2 Air to Spring</b>	91251J100-015 <b>2254.18</b>	93251J100-015 <b>2281.98</b>	---	---	550
<b>2 Air to Air</b>	91251H100-020 <b>2457.32</b>	93251H100-020 <b>2487.47</b>	---	---	550
<b>2 Air to Spring</b>	91251J100-020 <b>2544.22</b>	93251J100-020 <b>2574.35</b>	---	---	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - EPDM O-ring and EPDM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91122H100-005 <b>913.68</b>	93122H100-005 <b>918.79</b>	94022H100-005 <b>907.95</b>	95022H100-005 <b>961.24</b>	552
<b>1/2 Air to Spring</b>	91122J100-005 <b>943.66</b>	93122J100-005 <b>948.74</b>	94022J100-005 <b>937.90</b>	95022J100-005 <b>991.20</b>	552
<b>3/4 Air to Air</b>	91122H100-007 <b>1194.07</b>	93122H100-007 <b>1201.38</b>	94022H100-007 <b>1187.06</b>	95022H100-007 <b>1248.43</b>	552
<b>3/4 Air to Spring</b>	91122J100-007 <b>1239.02</b>	93122J100-007 <b>1246.33</b>	94022J100-007 <b>1232.02</b>	95022J100-007 <b>1293.38</b>	552
<b>1 Air to Air</b>	91122H100-010 <b>1290.02</b>	93122H100-010 <b>1300.15</b>	94022H100-010 <b>1283.80</b>	95022H100-010 <b>1376.53</b>	552
<b>1 Air to Spring</b>	91122J100-010 <b>1337.96</b>	93122J100-010 <b>1348.09</b>	94022J100-010 <b>1331.71</b>	95022J100-010 <b>1424.47</b>	552
<b>1-1/4 Air to Air</b>	91122H100-012 <b>2128.89</b>	93122H100-012 <b>2145.12</b>	94022H100-012 <b>2117.84</b>	95022H100-012 <b>2173.84</b>	552
<b>1-1/4 Air to Spring</b>	91122J100-012 <b>2206.80</b>	93122J100-012 <b>2223.03</b>	94022J100-012 <b>2195.74</b>	95022J100-012 <b>2251.77</b>	552
<b>1-1/2 Air to Air</b>	91122H100-015 <b>2141.90</b>	93122H100-015 <b>2169.69</b>	94022H100-015 <b>2127.34</b>	95022H100-015 <b>2180.29</b>	552
<b>1-1/2 Air to Spring</b>	91122J100-015 <b>2219.80</b>	93122J100-015 <b>2247.62</b>	94022J100-015 <b>2205.22</b>	95022J100-015 <b>2258.18</b>	552
<b>2 Air to Air</b>	91122H100-020 <b>2384.11</b>	93122H100-020 <b>2414.24</b>	94022H100-020 <b>2371.97</b>	95022H100-020 <b>2451.85</b>	552
<b>2 Air to Spring</b>	91122J100-020 <b>2470.99</b>	93122J100-020 <b>2501.14</b>	94022J100-020 <b>2458.85</b>	95022J100-020 <b>2538.73</b>	552
<b>2-1/2 Air to Air</b>	---	---	---	95022H100-025 <b>3118.93</b>	552
<b>2-1/2 Air to Spring</b>	---	---	---	95022J100-025 <b>3694.26</b>	552
<b>3 Air to Air</b>	---	---	---	95022H100-030 <b>4196.27</b>	552
<b>3 Air to Spring</b>	---	---	---	95022J100-030 <b>5101.18</b>	552
<b>4 Air to Air</b>	---	---	---	95022H100-040 <b>5615.21</b>	552
<b>4 Air to Spring</b>	---	---	---	95022J100-040 <b>6082.66</b>	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - Viton® O-ring and Viton® Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91232H100-005 <b>977.72</b>	93232H100-005 <b>982.83</b>	94032H100-005 <b>968.56</b>	95032H100-005 <b>989.94</b>	552
<b>1/2 Air to Spring</b>	91232J100-005 <b>1007.69</b>	93232J100-005 <b>1012.79</b>	94032J100-005 <b>998.53</b>	95032J100-005 <b>1019.91</b>	552
<b>3/4 Air to Air</b>	91232H100-007 <b>1251.72</b>	93232H100-007 <b>1259.03</b>	94032H100-007 <b>1242.10</b>	95032H100-007 <b>1280.57</b>	552
<b>3/4 Air to Spring</b>	91232J100-007 <b>1296.66</b>	93232J100-007 <b>1303.98</b>	94032J100-007 <b>1287.05</b>	95032J100-007 <b>1325.52</b>	552
<b>1 Air to Air</b>	91232H100-010 <b>1375.81</b>	93232H100-010 <b>1385.94</b>	94032H100-010 <b>1365.22</b>	95032H100-010 <b>1421.32</b>	552
<b>1 Air to Spring</b>	91232J100-010 <b>1423.74</b>	93232J100-010 <b>1433.87</b>	94032J100-010 <b>1413.17</b>	95032J100-010 <b>1469.26</b>	552



**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Pneumatic**

**CPVC - Viton® O-ring and Viton® Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1-1/4 Air to Air</b>	91232H100-012 <b>2257.14</b>	93232H100-012 <b>2273.36</b>	94032H100-012 <b>2242.85</b>	95032H100-012 <b>2244.32</b>	552
<b>1-1/4 Air to Spring</b>	91232J100-012 <b>2335.04</b>	93232J100-012 <b>2351.29</b>	94032J100-012 <b>2320.74</b>	95032J100-012 <b>2322.22</b>	552
<b>1-1/2 Air to Air</b>	91232H100-015 <b>2278.59</b>	93232H100-015 <b>2306.39</b>	94032H100-015 <b>2263.16</b>	95032H100-015 <b>2257.95</b>	552
<b>1-1/2 Air to Spring</b>	91232J100-015 <b>2356.50</b>	93232J100-015 <b>2384.30</b>	94032J100-015 <b>2341.07</b>	95032J100-015 <b>2335.85</b>	552
<b>2 Air to Air</b>	91232H100-020 <b>2506.13</b>	93232H100-020 <b>2536.24</b>	94032H100-020 <b>2490.62</b>	95032H100-020 <b>2518.55</b>	552
<b>2 Air to Spring</b>	91232J100-020 <b>2593.01</b>	93232J100-020 <b>2623.16</b>	94032J100-020 <b>2577.51</b>	95032J100-020 <b>2605.46</b>	552
<b>2-1/2 Air to Air</b>	---	---	---	95032H100-025 <b>3235.45</b>	552
<b>2-1/2 Air to Spring</b>	---	---	---	95032J100-025 <b>3810.76</b>	552
<b>3 Air to Air</b>	---	---	---	95032H100-030 <b>4363.50</b>	552
<b>3 Air to Spring</b>	---	---	---	95032J100-030 <b>5268.41</b>	552
<b>4 Air to Air</b>	---	---	---	95032H100-040 <b>5844.46</b>	552
<b>4 Air to Spring</b>	---	---	---	95032J100-040 <b>6311.87</b>	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91152H100-005 <b>1013.20</b>	93152H100-005 <b>1018.31</b>	94052H100-005 <b>1003.97</b>	95052H100-005 <b>1082.69</b>	552
<b>1/2 Air to Spring</b>	91152J100-005 <b>1452.17</b>	93152J100-005 <b>1048.26</b>	94052J100-005 <b>1033.94</b>	95052J100-005 <b>1112.65</b>	552
<b>3/4 Air to Air</b>	91152H100-007 <b>1302.02</b>	93152H100-007 <b>1309.34</b>	94052H100-007 <b>1291.13</b>	95052H100-007 <b>1364.80</b>	552
<b>3/4 Air to Spring</b>	91152J100-007 <b>1472.72</b>	93152J100-007 <b>1354.30</b>	94052J100-007 <b>1336.05</b>	95052J100-007 <b>1409.73</b>	552
<b>1 Air to Air</b>	91152H100-010 <b>1436.94</b>	93152H100-010 <b>1447.05</b>	94052H100-010 <b>1425.78</b>	95052H100-010 <b>1518.74</b>	552
<b>1 Air to Spring</b>	91152J100-010 <b>1484.87</b>	93152J100-010 <b>1495.00</b>	94052J100-010 <b>1473.73</b>	95052J100-010 <b>1566.67</b>	552
<b>1-1/4 Air to Air</b>	91152H100-012 <b>2295.97</b>	93152H100-012 <b>2325.22</b>	94052H100-012 <b>2279.69</b>	95052H100-012 <b>2347.56</b>	552
<b>1-1/4 Air to Spring</b>	91152J100-012 <b>2373.88</b>	93152J100-012 <b>2403.13</b>	94052J100-012 <b>2357.61</b>	95052J100-012 <b>2425.47</b>	552
<b>1-1/2 Air to Air</b>	91152H100-015 <b>2305.37</b>	93152H100-015 <b>2333.18</b>	94052H100-015 <b>2289.91</b>	95052H100-015 <b>2475.47</b>	552
<b>1-1/2 Air to Spring</b>	91152J100-015 <b>2383.29</b>	93152J100-015 <b>2411.10</b>	94052J100-015 <b>2367.83</b>	95052J100-015 <b>2553.37</b>	552
<b>2 Air to Air</b>	91152H100-020 <b>2579.46</b>	93152H100-020 <b>2609.59</b>	94052H100-020 <b>2562.23</b>	95052H100-020 <b>2775.49</b>	552
<b>2 Air to Spring</b>	91152J100-020 <b>2666.36</b>	93152J100-020 <b>2696.50</b>	94052J100-020 <b>2649.13</b>	95052J100-020 <b>2862.37</b>	552
<b>2-1/2 Air to Air</b>	---	---	---	95052H100-025 <b>3844.01</b>	552
<b>2-1/2 Air to Spring</b>	---	---	---	95052J100-025 <b>4419.31</b>	552
<b>3 Air to Air</b>	---	---	---	95052H100-030 <b>4956.81</b>	552
<b>3 Air to Spring</b>	---	---	---	95052J100-030 <b>5861.72</b>	552
<b>4 Air to Air</b>	---	---	---	95052H100-040 <b>6559.80</b>	552
<b>4 Air to Spring</b>	---	---	---	95052J100-040 <b>7027.26</b>	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - Viton® O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91252H100-005 <b>1038.23</b>	93252H100-005 <b>1043.32</b>	---	---	552
<b>1/2 Air to Spring</b>	91252J100-005 <b>1068.20</b>	93252J100-005 <b>1073.29</b>	---	---	552



**Actuated Valves  
Premium Actuated Diaphragm Valve - Pneumatic**



**CPVC - Viton® O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>3/4 Air to Air</b>	91252H100-007 <b>1318.39</b>	93252H100-007 <b>1325.70</b>	---	---	552
<b>3/4 Air to Spring</b>	91252J100-007 <b>1363.33</b>	93252J100-007 <b>1370.64</b>	---	---	552
<b>1 Air to Air</b>	91252H100-010 <b>1455.86</b>	93252H100-010 <b>1472.12</b>	---	---	552
<b>1 Air to Spring</b>	91252J100-010 <b>1503.80</b>	93252J100-010 <b>1520.05</b>	---	---	552
<b>1-1/4 Air to Air</b>	91252H100-012 <b>2317.38</b>	93252H100-012 <b>2333.64</b>	---	---	552
<b>1-1/4 Air to Spring</b>	91252J100-012 <b>2395.31</b>	93252J100-012 <b>2411.53</b>	---	---	552
<b>1-1/2 Air to Air</b>	91252H100-015 <b>2340.96</b>	93252H100-015 <b>2368.76</b>	---	---	552
<b>1-1/2 Air to Spring</b>	91252J100-015 <b>2418.85</b>	93252J100-015 <b>2446.66</b>	---	---	552
<b>2 Air to Air</b>	91252H100-020 <b>2652.64</b>	93252H100-020 <b>2684.28</b>	---	---	552
<b>2 Air to Spring</b>	91252J100-020 <b>2739.52</b>	93252J100-020 <b>2771.17</b>	---	---	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.



**Actuated Valves  
Premium Actuated Diaphragm Valve - Pneumatic**

**Polypropylene - EPDM O-ring and EPDM Diaphragm**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93123H100-005 818.13	---	554
1/2 Air to Spring	93123J100-005 848.11	---	554
3/4 Air to Air	93123H100-007 1091.18	---	554
3/4 Air to Spring	93123J100-007 836.48	---	554
1 Air to Air	93123H100-010 1183.77	---	554
1 Air to Spring	93123J100-010 1231.71	---	554
1-1/4 Air to Air	93123H100-012 1972.35	---	554
1-1/4 Air to Spring	93123J100-012 2050.26	---	554
1-1/2 Air to Air	93123H100-015 1985.35	---	554
1-1/2 Air to Spring	93123J100-015 2063.28	---	554
2 Air to Air	93123H100-020 2246.27	---	554
2 Air to Spring	93123J100-020 2333.16	---	554
2-1/2 Air to Air	---	95023H100-025 2754.37	554
2-1/2 Air to Spring	---	95023J100-025 3329.66	554
3 Air to Air	---	95023H100-030 3595.76	554
3 Air to Spring	---	95023J100-030 4500.68	554
4 Air to Air	---	95023H100-040 4849.94	554
4 Air to Spring	---	95023J100-040 5317.37	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**Polypropylene - Viton® O-ring and EPDM Diaphragm**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93233H100-005 833.00	---	554
1/2 Air to Spring	93233J100-005 862.96	---	554
3/4 Air to Air	93233H100-007 1107.65	---	554
3/4 Air to Spring	93233J100-007 1152.61	---	554
1 Air to Air	93233H100-010 1202.69	---	554
1 Air to Spring	93233J100-010 1250.65	---	554
1-1/4 Air to Air	93233H100-012 2004.45	---	554
1-1/4 Air to Spring	93233J100-012 2082.30	---	554
1-1/2 Air to Air	93233H100-015 2017.87	---	554
1-1/2 Air to Spring	93233J100-015 2095.78	---	554
2 Air to Air	93233H100-020 2284.53	---	554
2 Air to Spring	93233J100-020 2371.43	---	554
2-1/2 Air to Air	---	95033H100-025 2820.88	554
2-1/2 Air to Spring	---	95033J100-025 3396.20	554
3 Air to Air	---	95033H100-030 3690.66	554
3 Air to Spring	---	95033J100-030 4595.56	554

**Polypropylene - Viton® O-ring and EPDM Diaphragm (continued)**

Size	SR Thread	Flanged	Disc Code
4 Air to Air	---	95033H100-040 4981.39	554
4 Air to Spring	---	95033J100-040 5448.83	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93153H100-005 897.17	---	554
1/2 Air to Spring	93153J100-005 927.15	---	554
3/4 Air to Air	93153H100-007 1161.76	---	554
3/4 Air to Spring	93153J100-007 1206.70	---	554
1 Air to Air	93153H100-010 1319.84	---	554
1 Air to Spring	93153J100-010 1367.79	---	554
1-1/4 Air to Air	93153H100-012 2130.89	---	554
1-1/4 Air to Spring	93153J100-012 2208.82	---	554
1-1/2 Air to Air	93153H100-015 2160.14	---	554
1-1/2 Air to Spring	93153J100-015 2238.05	---	554
2 Air to Air	93153H100-020 2439.18	---	554
2 Air to Spring	93153J100-020 2526.06	---	554
2-1/2 Air to Air	---	95053H100-025 3117.26	554
2-1/2 Air to Spring	---	95053J100-025 3692.55	554
3 Air to Air	---	95053H100-030 4067.93	554
3 Air to Spring	---	95053J100-030 4972.84	554
4 Air to Air	---	95053H100-040 5383.53	554
4 Air to Spring	---	95053J100-040 5850.97	554

**Polypropylene - Viton® O-ring and EPDM Backed PTFE Diaphragm SR Thread**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93253H100-005 908.27	---	554
1/2 Air to Spring	93253J100-005 938.24	---	554
3/4 Air to Air	93253H100-007 1175.23	---	554
3/4 Air to Spring	93253J100-007 1220.20	---	554
1 Air to Air	93253H100-010 1336.59	---	554
1 Air to Spring	93253J100-010 1384.53	---	554
1-1/4 Air to Air	93253H100-012 2152.24	---	554
1-1/4 Air to Spring	93253J100-012 2230.13	---	554
1-1/2 Air to Air	93253H100-015 2182.98	---	554
1-1/2 Air to Spring	93253J100-015 2260.88	---	554
2 Air to Air	93253H100-020 2465.57	---	554

Actuated Valves  
**Premium Actuated Diaphragm Valve - Pneumatic**



**Polypropylene - Viton® O-ring and EPDM Backed PTFE  
Diaphragm SR Thread (continued)**

Size	SR Thread	Flanged	Disc Code
<b>2 Air to Spring</b>	93253J100-020 2552.47	---	554



## Actuated Valves Electric Actuator Accessories

Contact Spears® for any desired accessories or functions not specified in the Accessory Selection Tables

The following accessories are for use on Spears® electric actuated Ball Valves, Butterfly Valves and Diaphragm Valves. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Heater	Heater/Thermostat - On 41°F, Off 60.8°F	A-H1	195.33
	Heater/Thermostat - On 62.6°F, Off 80.6°F	A-H2	175.78
Auxiliary Limit Switches	2-SPDT Limit Switch Set (1/2" shaft cam) <sup>1</sup>	A-LS1	175.22
	2-SPDT Limit Switch Set (3/8" shaft cam) <sup>1</sup>	A-LS2	175.22
	2-SPDT Limit Switch Set for Electric Spring Return	A-LS3	157.20
Position Indicators	LED Indicator Lights	A-P2	223.84
Modulating Positioner Boards	115 VAC 4-20 mA	A-PB1	1790.66
	115 VAC 0-5 VDC	A-PB2	1790.66
	115 VAC 0-10 VDC	A-PB3	1790.66
	230 VAC 4-20 mA	A-PB4	1790.66
	230 VAC 0-5 VDC	A-PB5	1790.66
	230 VAC 0-10 VDC	A-PB6	1790.66
	24 VAC 4-20 mA	A-PB7	1790.66
	24 VAC 0-5 VDC	A-PB8	1790.66
	24 VAC 0-10 VDC	A-PB9	1790.66
	24 VDC 4-20 mA	A-PB10	1790.66
	24 VDC 0-5 VDC	A-PB11	1790.66
	24 VDC 0-10 VDC	A-PB12	1790.66
	115 VAC 4-20 mA For Electric Spring Return Actuator	A-PB13	1871.64
Transmitter	4-20mA	A-T1	1313.85
Torque Sensors	Adjustable Electronic Torque Sensor	A-TS1	948.86
Speed Controller	Variable Speed Controller	A-SC1	623.10
"2-Wire" Control (operates as solenoid valve)	Control Relay Switch Setup 115 VAC- Normally Closed <sup>2</sup>	A-CR1	221.40
	Control Relay Switch Setup 115 VAC- Normally Open <sup>2</sup>	A-CR2	221.40
	Control Relay Switch Setup 24 VAC- Normally Closed <sup>2</sup>	A-CR3	221.40
	Control Relay Switch Setup 24 VAC- Normally Open <sup>2</sup>	A-CR4	221.40
	Control Relay Switch Setup 230 VAC- Normally Closed <sup>2</sup>	A-CR5	221.40
	Control Relay Switch Setup 230 VAC- Normally Open <sup>2</sup>	A-CR6	221.40
	Control Relay Switch Setup 12 VDC- Normally Closed <sup>2</sup>	A-CR7	221.40
	Control Relay Switch Setup 12 VDC- Normally Open <sup>2</sup>	A-CR8	221.40
	Control Relay Switch Setup 24 VDC- Normally Closed <sup>2</sup>	A-CR9	221.40
	Control Relay Switch Setup 24 VDC- Normally Open <sup>2</sup>	A-CR10	221.40
Friction Brake	Mechanical Brake <sup>3</sup>	A-FB1	367.85
Lockout Switch	Power disconnect switch activated when manual override is in use	A-LK1	255.32
ID Tag	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	30.03

Stem Extensions	Ball Valve Stem Extension <sup>4</sup>	A-BVSE-xxx-000	Call for pricing
	True Union 2000 Ball Valve Stem Extension <sup>4</sup>	A-BVSE2-xxx-000	
	Butterfly Valve Stem Extension <sup>4</sup>	A-BFSE-xxx-000	
	Diaphragm Valve Stem Extension <sup>4</sup>	A-DESE-xxx-000	

- NOTES: 1 - The A-LS2 is used on 1/2" - 2" basic Ball Valve packages; A-LS1 used on all other sizes.  
 2 - "2-Wire" Control is not applicable to Diaphragm Valves.  
 3 - Friction Brake is standard on Butterfly Valves and not applicable to Diaphragm Valves.  
 4 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.

## Actuated Valves Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves



The following accessories are for use on Spears® pneumatic actuated Ball Valves and Butterfly Valves. See separate listing for pneumatic Diaphragm Valve accessories. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Pneumatic Positioners	3-15 psi NEMA 4 Flat-Top Indicator <sup>1</sup>	A-PP1	1411.13
	3-15 psi NEMA 4 Dome Indicator <sup>1</sup>	A-PP2	1518.20
	3-15 psi NEMA 4 Dome Indicator Integrated 2-SPDT Mech. Switches <sup>1</sup>	A-PP3	2087.82
Electro Pneumatic Positioners with Indicator	4-20mA NEMA 4 Flat-Top Indicator <sup>1</sup>	A-EP1	2997.45
	4-20mA NEMA 4 Dome Indicator <sup>1</sup>	A-EP2	3104.37
	4-20 mA NEMA 4 Dome Indicator Integrated 2-SPDT Mech. Switches <sup>1</sup>	A-EP3	3278.44
	4-20mA NEMA 7 Flat-Top Indicator <sup>1</sup>	A-EP4	3372.12
	4-20mA Intrinsically Safe (CSA/UL) Flat-Top Indicator <sup>1</sup>	A-EP5	3419.51
	4-20mA NEMA 7 Dome Indicator <sup>1</sup>	A-EP6	3479.16
	4-20mA Intrinsically Safe w/2-SPST Proximity Switches <sup>1</sup>	A-EP22	3531.70
Solenoid Valves	3 & 4-way 115 VAC NEMA 4/4x	A-SV1	194.68
	3 & 4-way 230 VAC NEMA 4/4x	A-SV2	204.39
	3 & 4-way 24 VAC NEMA 4/4x	A-SV3	204.39
	3 & 4-way 12 VDC NEMA 4/4x	A-SV4	204.39
	3 & 4-way 24 VDC NEMA 4/4x	A-SV5	204.39
	3 & 4-way 115 VAC NEMA 4/4x/7/9	A-SV6	413.69
	3 & 4-way 230 VAC NEMA 4/4x/7/9	A-SV7	413.69
	3 & 4-way 24 VAC NEMA 4/4x/7/9	A-SV8	413.69
	3 & 4-way 12 VDC NEMA 4/4x/7/9	A-SV9	413.69
	3 & 4-way 24 VDC NEMA 4/4x/7/9	A-SV10	413.69
	Dual Coil 3 & 4-way 115 VAC NEMA 4/4x	A-SV11	340.63
	Dual Coil 3 & 4-way 230 VAC NEMA 4/4x	A-SV12	340.63
	Dual Coil 3 & 4-way 24 VAC NEMA 4/4x	A-SV13	340.63
	Dual Coil 3 & 4-way 12 VDC NEMA 4/4x	A-SV14	340.63
	Dual Coil 3 & 4-way 24 VDC NEMA 4/4x	A-SV15	340.63
	Dual Coil 3 & 4-way 115 VAC NEMA 7/9	A-SV16	710.53
	Dual Coil 3 & 4-way 230 VAC NEMA 7/9	A-SV17	710.53
	Dual Coil 3 & 4-way 24 VAC NEMA 7/9	A-SV18	710.53
	Dual Coil 3 & 4-way 12 VDC NEMA 7/9	A-SV19	710.53
	Dual Coil 3 & 4-way 24 VDC NEMA 7/9	A-SV20	710.53
	Stainless Steel 3 & 4-way 115 VAC NEMA 4/4x	A-SV21	846.71
	3-Way 24 VDC Hi Temperature (Class H) NEMA 4x	A-SV22	2426.87
	3 & 4-way 230 VAC NEMA 4/4x 1/2" NPT Din Connector	A-SV23	1087.72
Limit Switch & Transmitter Combination	4-20mA 2-SPDT NEMA 4/4x/7/9	A-LS20	1154.61
	4-20mA 2-SPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS21	1216.93
	4-20mA 2-DPDT NEMA 4/4x/7/9	A-LS22	1373.01
	4-20mA 2-DPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS23	1435.48
	4-20mA 2-Proximity NEMA 4/4x/7/9	A-LS24	1482.28
	4-20mA 2-Proximity NEMA 4/4x/7/9 w/ Visual Indicator	A-LS25	1531.62
Limit Switches	2-SPDT NEMA 4/4x	A-LS40	321.03
	2-SPDT NEMA 4/4x w/ Visual Indicator	A-LS41	374.48
	2-SPDT NEMA 4/4x w/ Green/Red Dome Indicator	A-LS41D	462.74
	NEMA 4/4x w/ Low Profile Indicator	A-LS41L	472.00
	2-DPDT NEMA 4/4x	A-LS42	530.56
	2-DPDT NEMA 4/4x w/ Visual Indicator	A-LS43	593.04
	2-Proximity NEMA 4/4x	A-LS44	639.70
	2-Proximity NEMA 4/4x w/ Low Profile Indicator (source power requires intrinsic safety barrier or amplifier).	A-LS44L	778.54
	2-Proximity NEMA 4/4x w/ Visual Indicator	A-LS45	702.16
	2-Proximity NEMA 7/9	A-LS46	733.32
	2-Proximity NEMA 7/9 w/ Visual Indicator	A-LS47	795.94
	2-Proximity NEMA 7/9 w/ Low Profile Indicator	A-LS47L	738.15
	2-SPDT NEMA 4/4x/7/9	A-LS48	527.97
	2-SPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS49	468.10
	2-DPDT NEMA 4/4x/7/9	A-LS50	945.12
	2-DPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS51	1006.88
	4-SPDT NEMA 4/4x w/ 180° Indicator	A-LS52	529.27
Transmitter	4-20mA Output Transmitter	A-PT1	4597.35
Indicator	Dome Indicator	A-V2	87.61
Pressure Gauge Set	Stainless steel case, 3-gauge set for use with positioners: 1 - input pressure gauge 0-30 psi, 2 - output gauges 0-160 psi	A-G1	666.26



**Actuated Valves**  
**Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves**

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
<b>ID Tag</b>	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	30.03
<b>Stem Extensions</b>	Ball Valve Stem Extension <sup>2</sup>	A-BVSE-xxx-000	Call for pricing
	True Union 2000 Ball Valve Stem Extension <sup>2</sup>	A-BVSE2-xxx-000	
	Butterfly Valve Stem Extension <sup>2</sup>	A-BFSE-xxx-000	

- NOTES: 1 - Pneumatic and Electro-Pneumatic positioners include brass gauges: 1 input gauge @ 0-30 psi and 2 output gauges @ 0-160 psi. Stainless steel gauges may be ordered separately.  
2 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.



**Actuated Valves**  
**Pneumatic Actuator Accessories for Diaphragm Valves**



The following accessories are for use on Spears® pneumatic actuated Diaphragm Valves only. See separate listing for Ball Valve and Butterfly Valve pneumatic accessories. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
<b>Pneumatic Positioners</b>	3-15 psi NEMA 4x w/ Visual Indicator Top Loading (no gauge)	A-DPP1	4350.17
	3-15 psi NEMA 4x w/ Visual Indicator Top Loading w/ gauges (3)	A-DPP2	4924.35
	3-15 psi NEMA 4x w/ Visual Indicator Bottom Loading (no gauge)	A-DPP3	4350.18
	3-15 psi NEMA 4x w/ Visual Indicator Bottom Loading w/ gauges (3)	A-DPP4	4924.35
<b>Electro Pneumatic Positioners</b>	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator (up to 2")	A-DEP1	8325.69
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator w/SS Gauges (up to 2")	A-DEP2	8899.87
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator (2-1/2" & up)	A-DEP3	8325.69
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator w/SS Gauges (2-1/2" & up)	A-DEP4	8899.87
<b>3-Way Solenoid Valves</b>	115 VAC NEMA 4/4x	A-DSV1	358.19
	230 VAC NEMA 4/4x	A-DSV2	358.19
	24 VAC NEMA 4/4x	A-DSV3	358.19
	12 VDC NEMA 4/4x	A-DSV4	358.19
	24 VDC NEMA 4/4x	A-DSV5	358.19
	115 VAC NEMA 4/4x/7/9	A-DSV6	552.86
	230 VAC NEMA 4/4x/7/9	A-DSV7	552.86
	24 VAC NEMA 4/4x/7/9	A-DSV8	552.86
	12 VDC NEMA 4/4x/7/9	A-DSV9	552.86
	24 VDC NEMA 4/4x/7/9	A-DSV10	552.86
<b>4-Way Solenoid Valves</b>	115 VAC NEMA 4/4x	A-DSV11	669.57
	230 VAC NEMA 4/4x	A-DSV12	669.57
	24 VAC NEMA 4/4x	A-DSV13	669.57
	12 VDC NEMA 4/4x	A-DSV14	669.57
	24 VDC NEMA 4/4x	A-DSV15	669.57
	115 VAC NEMA 4/4x/7/9	A-DSV16	938.43
	230 VAC NEMA 4/4x/7/9	A-DSV17	938.43
	24 VAC NEMA 4/4x/7/9	A-DSV18	938.43
	12 VDC NEMA 4/4x/7/9	A-DSV19	938.43
	24 VDC NEMA 4/4x/7/9	A-DSV20	938.43
<b>Micro Limit Switches</b>	2-SPDT NEMA 4 w/ 180° Visual Indicator <sup>1</sup>	A-DLS20	1083.29
	2-SPDT NEMA 7/9 w/ 180° Visual Indicator <sup>1</sup>	A-DLS25	1931.66
<b>Proximity Limit Switches</b>	2-SPDT NEMA 4/4X	A-DLS23	1748.64
<b>Limit Switches</b>	2-SPDT NEMA 4 <sup>2</sup>	A-DLS24	1260.78
<b>Speed Controller</b>	Variable Speed Controller	A-DPSC1	1085.18
<b>ID Tag</b>	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	30.03

<b>Stem Extensions</b>	Diaphragm Valve Stem Extension <sup>3</sup>	A-DPSE-xxx-000	Call for pricing
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- NOTES: 1 - Micro Limit Switches used on valve sizes ½" through 2".  
2 - Limit Switches used on valve sizes 2-1/2" & larger  
3 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.



## Actuated Valves Pneumatic Actuator Accessories for Ball Valves

**Contact Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Business Name:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_  
**Project Name:** \_\_\_\_\_

**Ball Valves:** **System Media Pressure (Required)** psi \_\_\_\_\_ kPa \_\_\_\_\_ Bar \_\_\_\_\_ **Valve Quantity Each** \_\_\_\_\_  
**Nominal Size** in \_\_\_\_\_ mm \_\_\_\_\_ cm \_\_\_\_\_  
**Ball Valve Type :**  
 True Union Industrial  Three Way Horizontal  (See 3-way orientation box below) PVC   
 True Union Standard  Three Way Vertical  (See 3-way orientation box below) CPVC   
 Compact  Tandem Three Way  Low-Extractable PVC   
 True Union Tee Style  Tandem 3-Way Orientation Document Required  
 Other Valve Type  \_\_\_\_\_  
**Body Material :** EPDM   
 Viton®   
 Other  \_\_\_\_\_  
**O-ring Seals :** \_\_\_\_\_  
**End Connector :** Socket  Flange   
 Threaded  Spigot   
 SR Threaded   
 Metric   
 DIN   
 JIS   
 BSP (Thread)   
**Vertical 3-Way Orientation**  
 Single L Port  Triple L Port  
 Double L Port  T Port  
**Horizontal 3-Way Orientation**  
 L Port  T Port

**Pneumatic**  **Not all combinations may be available.**  
**FailSafe Type - (Position to which valve cycles upon air loss)**  
 Double Acting (No FailSafe. Stays in last activated position)  
 Spring Return - Close (FailSafe in closed position upon air loss)  
 Spring Return - Open (FailSafe in open position upon air loss)  
 Other: \_\_\_\_\_  
**Operating Air Pressure (psi) - (Compressed air supply required to operate actuator)**  
 80-150  Other: \_\_\_\_\_  
**Override Type - (Override used to cycle valve upon air loss)**  
 Basic  De clutchable  Other: \_\_\_\_\_  
**Aux. Limit Switches- (Additional mechanical switches to operate external lights, alarms etc. (set of 2))**  
 SPDT- Mechanical  SPDT- Proximity  DPDT - Mechanical  
 Voltage Signal Type Specify Voltage: \_\_\_\_\_  
**Visual Indicator - (Provides local visual valve position indication)**  
 Low Profile  Dome  No Indicator

**Electric**  **Not all combinations may be available.**  
 Basic Two Position (90 Degree Travel Standard)  
 3 Position 90  180   
**FailSafe Position (if required)**  
 Fail Open - FailSafe in open position upon power loss  
 Fail Close-FailSafe in closed position upon power loss  
**Voltage Supply Power:**  
 115 VAC  230 VAC  Other: \_\_\_\_\_  
**Frequency**  50 Hertz  60 Hertz  
**Phase**  Single  Three  
**Override Type - (Override used to cycle valve upon power loss)**  
 Basic  De clutchable  Other: \_\_\_\_\_  
**Duty Cycle (Amount of work valve can accomplish before requiring rest)**  
 25%  75%  Other/Min. Requirement : \_\_\_\_\_  
**NEMA Rating - (Enclosure rating indicates level of ingress protection from fluids and solids)**  
 4  4x  Other: \_\_\_\_\_  
**Positioner Type - (Positioner accepts an input signal from PLC to control valve cycle)**  
 **Positioner with Transmitter**  
 Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
**Transmitter - (Sends output signal to PLC to provide valve position)**  
 Signal Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
 **Positioner - NO Transmitter**  
 Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
**Auxiliary Limit Switches (Additional mechanical switches to operate external lights, alarms etc.)**  
 2  4 (Set of 2 each)

**Positioner Type - (Positioner accepts an input signal from PLC to control valve cycle).**  
 **Pneumatic Positioner (Air supply required to operate valve)**  
 Signal Pressure - (Air pressure required to position the valve)  
 3-15 psi  Other: \_\_\_\_\_  
 **Electro-Pneumatic Positioner (Air and voltage supply required to operate)**  
 Signal Voltage Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
 **With Transmitter - (Sends output signal to PLC to provide valve position)**  
 Transmitter Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
**NEMA Rating - (Enclosure rating indicates level of ingress protection from fluids, solids and gases)**  
 4  4x  Other: \_\_\_\_\_

**Solenoid Valve - (Regulates actuator intake/exhaust air supply)**  
 3 & 4 Way  Dual Coil (Double Acting Actuators only)  Other: \_\_\_\_\_  
**Solenoid Valve Voltage**  
 115 VAC  230 VAC  Other: \_\_\_\_\_  
**NEMA Rating - (Enclosure rating indicates level of ingress protection from fluids and solids)**  
 4  4x  Other: \_\_\_\_\_  
 **Other Options:** \_\_\_\_\_

**Standard Accessories - All options not available in all actuator combinations**  
 Torque Sensor  Friction Brake  
 Battery Backup  LED Indicating Lights (red /green)  
 Speed Control  2 Wire Control Relay  
 Heater & Thermostat  [On @ 41F] [Off @ 60.8F]  [On @ 69.8F] [Off @ 89.6F]  
 [On @ 62.6F] [Off @ 80.6F]  
 **Other Options:** \_\_\_\_\_

Rev. A 2010

# Actuated Valves Pneumatic Actuator Accessories for Butterfly Valves



**Contact Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Business Name:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_  
**Project Name:** \_\_\_\_\_

<b>Butterfly Valves: System Media Pressure (Required)</b> psi _____ kPa _____ Bar _____ <b>Nominal Size</b> in _____ mm _____ cm _____ <b>Valve Quantity Each</b> _____	
<b>Butterfly Valve Type :</b> Standard <input type="checkbox"/> True Lug <input type="checkbox"/> Pool Valve <input type="checkbox"/> Wafer <input type="checkbox"/> Other Valve Type <input type="checkbox"/> _____ Tandem Diverting <input type="checkbox"/> Tandem Three Way <input type="checkbox"/> (Tandem 3-Way Orientation Document Required)	
<b>Body Material :</b> PVC <input type="checkbox"/> CPVC <input type="checkbox"/> Polypropylene <input type="checkbox"/>	
<b>O-ring Seals :</b> Buna-N <input type="checkbox"/> EPDM <input type="checkbox"/> Viton® <input type="checkbox"/> Other <input type="checkbox"/> _____ (If Other Explain)	
<b>Lug Materials :</b> SS316 <input type="checkbox"/> Zinc <input type="checkbox"/>	
<input type="checkbox"/> Other Information: _____	
<b>Pneumatic</b> <input type="checkbox"/> <b>Not all combinations may be available.</b> <b>FailSafe Type</b> - (Position to which valve cycles upon air loss) <input type="checkbox"/> Double Acting (No FailSafe. Stays in last activated position) <input type="checkbox"/> Spring Return - Close (FailSafe in closed position upon air loss) <input type="checkbox"/> Spring Return - Open (FailSafe in open position upon air loss) <input type="checkbox"/> Other: _____ <b>Operating Air Pressure (psi)</b> - (Compressed air supply required to operate actuator) <input type="checkbox"/> 80-150 <input type="checkbox"/> Other: _____ <b>Override Type</b> - (Override used to cycle valve upon air loss) <input type="checkbox"/> Basic <input type="checkbox"/> Declutchable <input type="checkbox"/> Other: _____ <b>Aux. Limit Switches</b> - (Additional mechanical switches to operate external lights, alarms etc. (set of 2)) <input type="checkbox"/> SPDT - Mechanical <input type="checkbox"/> SPDT - Proximity <input type="checkbox"/> DPDT - Mechanical Voltage Signal Type Specify Voltage: _____ <b>Visual Indicator</b> - (Provides local visual valve position indication) <input type="checkbox"/> Low Profile <input type="checkbox"/> Dome <b>Positioner Type</b> - (Positioner accepts an input signal from PLC to control valve cycle). <input type="checkbox"/> <b>Pneumatic Positioner</b> (Air supply required to operate valve) Signal Pressure - (Air pressure required to position the valve) <input type="checkbox"/> 3-15 psi <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>Electro-Pneumatic Positioner</b> (Air and voltage supply required to operate) Signal Voltage Input <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <input type="checkbox"/> With Transmitter - (Sends output signal to PLC to provide valve position) Transmitter Output <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids, solids and gases) <input type="checkbox"/> 4 <input type="checkbox"/> 4x <input type="checkbox"/> Other: _____ <b>Solenoid Valve</b> - (Regulates actuator intake/exhaust air supply) <input type="checkbox"/> 3 & 4 Way <input type="checkbox"/> Dual Coil (Double Acting Actuators only) <input type="checkbox"/> Other: _____ <b>Solenoid Valve Voltage</b> <input type="checkbox"/> 115 VAC <input type="checkbox"/> 230 VAC <input type="checkbox"/> Other: _____ <b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids and solids) <input type="checkbox"/> 4 <input type="checkbox"/> 4x <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>Other Options:</b> _____	<b>Electric</b> <input type="checkbox"/> <b>Not all combinations may be available.</b> <input type="checkbox"/> Basic Two Position (90 Degree Travel Standard) <b>FailSafe Position</b> (if required) <input type="checkbox"/> Fail Open - Open (FailSafe in open position upon power loss) <input type="checkbox"/> Fail Close - Close (FailSafe in closed position upon power loss) Note: On "Fail Safe" options two positions ONLY Override Not Recommended. <b>Voltage Supply Power:</b> <input type="checkbox"/> 115 VAC <input type="checkbox"/> 230 VAC <input type="checkbox"/> Other: _____ <b>Frequency</b> <input type="checkbox"/> 50 Hertz <input type="checkbox"/> 60 Hertz <b>Phase</b> <input type="checkbox"/> Single <input type="checkbox"/> Three <b>Override Type</b> - (Override used to cycle valve upon power loss) <input type="checkbox"/> Basic <input type="checkbox"/> Declutchable <input type="checkbox"/> Other: _____ <b>Duty Cycle</b> (Amount of work valve can accomplish before requiring rest) <input type="checkbox"/> 25% <input type="checkbox"/> 75% <input type="checkbox"/> Other/Min. Requirement: _____ <b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids and solids) <input type="checkbox"/> 4 <input type="checkbox"/> 4x <input type="checkbox"/> Other: _____ <b>Positioner Type</b> - (Positioner accepts an input signal from PLC to control valve cycle) <input type="checkbox"/> <b>Positioner with Transmitter</b> Signal Input <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <b>Transmitter</b> - (Sends output signal to PLC to provide valve position) Signal Output <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <input type="checkbox"/> <b>Positioner - NO Transmitter</b> Signal Input <input type="checkbox"/> 4-20mA <input type="checkbox"/> 0-10 VDC <input type="checkbox"/> Other: _____ <b>Auxiliary Limit Switches</b> (Additional mechanical switches to operate external lights, alarms etc.) <input type="checkbox"/> 2 <input type="checkbox"/> 4 (Set of 2 each) <b>Standard Accessories - All options not available in all actuator combinations</b> <input type="checkbox"/> Torque Sensor <input type="checkbox"/> Torque Sensor <input type="checkbox"/> Battery Backup <input type="checkbox"/> LED Indicating Lights (red /green) <input type="checkbox"/> Speed Control <input type="checkbox"/> 2 Wire Control Relay <input type="checkbox"/> Heater & Thermostat <input type="checkbox"/> [On @ 41F] [Off @ 60.8F] <input type="checkbox"/> [On @ 69.8F] [Off @ 89.6F] <input type="checkbox"/> [On @ 62.6F] [Off @ 80.6F] <input type="checkbox"/> <b>Other Options:</b> _____

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## Actuated Valves Pneumatic Actuator Accessories for Diaphragm Valves

**Contact Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Business Name:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_  
**Project Name:** \_\_\_\_\_

**Diaphragm Valves: System Media Pressure (Required)** psi \_\_\_\_\_ kPa \_\_\_\_\_ Bar \_\_\_\_\_ **Valve Quantity Each** \_\_\_\_\_  
**Nominal Size** in \_\_\_\_\_ mm \_\_\_\_\_ cm \_\_\_\_\_

<b>Diaphragm Valve Type :</b> EPDM <input type="checkbox"/> Viton® <input type="checkbox"/> PTFE/Viton® <input type="checkbox"/> PTFE/EPDM <input type="checkbox"/> Other Valve Type <input type="checkbox"/> _____	<b>Body Material :</b> PVC <input type="checkbox"/> CPVC <input type="checkbox"/> Low-Extractable PVC <input type="checkbox"/> Polypropylene <input type="checkbox"/>	<b>End Connector O-rings 1/2" - 2" :</b> EPDM <input type="checkbox"/> Viton® <input type="checkbox"/> PTFE/Viton® <input type="checkbox"/> PTFE/EPDM <input type="checkbox"/> Other <input type="checkbox"/> (If Other Explain) _____	<b>End Connector :</b> Socket <input type="checkbox"/> SR Threaded <input type="checkbox"/> Flange <input type="checkbox"/> Spigot <input type="checkbox"/>
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Other information: \_\_\_\_\_

**Not all combinations may be available.**

**Unitized Pneumatic**   
**Pneumatic**

**FailSafe Type** - (Position to which valve cycles upon air loss)  
 Double Acting (No FailSafe. Stays in last activated position)  
 Spring Return - Close (FailSafe in closed position upon air loss)  
 Spring Return - Open (FailSafe in open position upon air loss)  
 Other: \_\_\_\_\_

**Operating Air Pressure (psi)** - (Compressed air supply required to operate actuator)  
 80-116  Other: \_\_\_\_\_

**Override Type** - (Override used to cycle valve upon air loss. Not available in sizes 1/2" - 2")  
 Basic  Declutchable  Other: \_\_\_\_\_

**Aux. Limit Switches** - (Additional mechanical switches to operate external lights, alarms etc. (set of 2))  
 SPDT - Mechanical  SPDT - Proximity  DPDT - Mechanical  
 Voltage Signal Type: Specify Voltage: \_\_\_\_\_

**Visual Indicator** - (Provides local visual valve position indication)  
 Low Profile  Dome

**Positioner Type** - (Positioner accepts an input signal from PLC to control valve cycle).  
 **Pneumatic Positioner** (Air supply required to operate valve)  
 Signal Pressure - (Air pressure required to position the valve)  
 3-15 psi  Other: \_\_\_\_\_  
 **Electro-Pneumatic Positioner** (Air and voltage supply required to operate)  
**Input**  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
 **With Transmitter** - (Sends output signal to PLC to provide valve position)  
 Transmitter Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
**NEMA Rating** - (Enclosure rating indicates level of housing ingress protection from fluids and solids)  
 4  4x  Other: \_\_\_\_\_

**Solenoid Valve** - (Regulates actuator intake/exhaust air supply)  
 3 way (Air-to-Spring)  4 way (Double Acting Actuators only)  Other: \_\_\_\_\_

**Solenoid Valve Voltage**  
 115 VAC  230 VAC  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids, solids and gases)  
 4  4x  Other: \_\_\_\_\_

**Other Options:**  
 \_\_\_\_\_  
 \_\_\_\_\_

**Not all combinations may be available.**

**Electric Multi Turn**

**Voltage Supply Power:**  
 115 VAC  230 VAC  Other: \_\_\_\_\_

**Frequency**  50 Hertz  60 Hertz

**Phase**  Single  Three

**Override Type** - (Override used to cycle valve upon power loss)  
 Basic  Declutchable  Other: \_\_\_\_\_

**Duty Cycle** (Amount of work valve can accomplish before requiring rest)  
 25%  75%  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids and solids)  
 4  4x  Other: \_\_\_\_\_

**Positioner Type** - (Positioner accepts an input signal from PLC to control valve cycle)  
 **Positioner with Transmitter**  
 Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
**Transmitter** - (Sends output signal to PLC to provide valve position)  
 Signal Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_  
 **Positioner - NO Transmitter**  
 Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**Auxiliary Limit Switches** (Additional mechanical switches to operate external lights, alarms etc.)  
 2  4 (Set of 2 each)

**Standard Accessories - All options not available in all actuator combinations**  
 Torque Sensor  
 Battery Backup  LED Indicating Lights (red /green)  
 Speed Control  2 Wire Control Relay  
 Heater & Thermostat  [On @ 41F] [Off @ 60.8F]  [On @ 69.8F] [Off @ 89.6F]  
 [On @ 62.6F] [Off @ 80.6F]

**Other Options:**  
 \_\_\_\_\_  
 \_\_\_\_\_

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## Strainers & Filters Filters



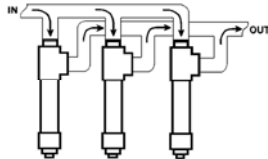
Specially designed for agricultural and irrigation applications. Suitable for any application where cool, filtered water is required. Standard units utilize an internal-to-external filter cartridge. See following page for reverse flow (external to internal) filters.



- 200 psi Working Pressure Non-Shock @ 73°F (23°C)
- Filter Body is made from NSF®-PW Approved PVC Material
- Optional Screen Meshes
- Compact Design, Easy to Clean
- Lightweight, Easy to Install

- Filter Screens are designed using a standard perforated Stainless Steel Screen
- Mesh Sizes include an inner Stainless Steel Cloth with Spring Support (external cloth on reverse flow filters)
- Pressure loss: 100 GPM – 3 psi 50 GPM – 1.25 psi
- May be bushed to required pipe size (Bushings sold separately)

- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



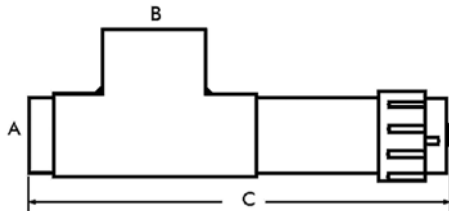
### —CAUTION—

- WATER HAMMER MAY CAUSE SEVERE DAMAGE TO THE FILTER ASSEMBLY.
- BACK FLUSHING IS NOT RECOMMENDED.
- QUALITY GRADE THREAD SEALANT IS RECOMMENDED FOR ALL THREADED PVC CONNECTIONS.

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.

### Filter Dimensions & Weights



Series	A Inlet		B Outlet	C Overall Length	Screen Length	Filter Approx. Weight
	Socket	Spigot				
FLR	2-1/2	3	4	28	24	8
MFLR	2-1/2	3	4	16	12	4-3/4

### Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM</b>					
FL-16*	2-1/2 /3 x 4	1	0	020	527.35
FL-32*	2-1/2 /3 x 4	1	0	020	539.34
FL-50	2-1/2 /3 x 4	1	0	020	611.23
FL-76	2-1/2 /3 x 4	1	0	020	738.28
FL-100	2-1/2 /3 x 4	1	0	020	671.16
FL-150	2-1/2 /3 x 4	1	0	020	695.15
FL-200	2-1/2 /3 x 4	1	0	020	755.07

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4a) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5a when ordering.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>50 GPM</b>					
MFL-16*	2-1/2 /3 x 2	1	0	020	443.48
MFL-32*	2-1/2 /3 x 2	1	0	020	450.65
MFL-50	2-1/2 /3 x 2	1	0	020	465.01
MFL-76	2-1/2 /3 x 2	1	0	020	563.33
MFL-100	2-1/2 /3 x 2	1	0	020	491.41
MFL-150	2-1/2 /3 x 2	1	0	020	515.37
MFL-200	2-1/2 /3 x 2	1	0	020	575.29

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

NOTE: Filter Assemblies are furnished standard with a 1-1/4" IPS tapped cap (FL4a) for use with a valve, or may be plugged off (plug not furnished). Optional cap available with 1/4" IPS tapping for use with a pressure gauge — specify FL-5a when ordering.

### Filter Replacement Screens

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM (24" Length)</b>					
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FL-50-1	50 Mesh	3	0	020	455.45

### Filter Replacement Screens (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM (24" Length)</b>					
FL-76-1	76 Mesh	3	0	020	450.65
FL-100-1	100 Mesh	3	0	020	354.78
FL-150-1	150 Mesh	3	0	020	383.52
FL-200-1	200 Mesh	3	0	020	474.62

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>50 GPM (12" Length)</b>					
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFL-50-1	50 Mesh	3	0	020	239.71
MFL-76-1	76 Mesh	3	0	020	340.38
MFL-100-1	100 Mesh	3	0	020	263.69
MFL-150-1	150 Mesh	3	0	020	292.46
MFL-200-1	200 Mesh	3	0	020	359.54

NOTE: When ordering replacement screens for FL and MFL Series Filters, please provide exact length of old screen within 1/64" to ensure proper fit of new screen in your filter body.

### Filter Replacement Components

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>100 GPM Filter Body</b>					
FL-11	2-1/2 /3 X 4	1	0	020	359.54
<b>50 GPM Filter Body</b>					
MFL-11	2-1/2 /3 X 2	1	0	020	275.66

### Components for Old-Style Filters w/3" Bottom Cap

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Filter Cap w/Gasket</b>					
FL-4A	3X1-1/4	1	70	020	29.97
FL-5A	3X1/4	70	0	020	29.97

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
Progressive Products from Spears® Innovation and Technology



## Strainers & Filters Filters & Hose Filters

### Filters

#### Components for Old-Style Filters w/3" Bottom Cap

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Cap Gasket Only

FCG-5	3	2	0	020	9.54
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#### Components for New-Style Filters w/4" Bottom Cap

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Filter Cap w/O-rings

FL-4B	4X1-1/4	25	0	020	55.07
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#### Components for New-Style Filters w/4" Bottom Cap (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Filter Cap w/O-rings

FL-5B	4X1/4	1	0	020	89.09
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Includes Cap with Cap O-ring (1) and bottom Filter Bushing O-ring (1)

#### Cap O-Ring Only

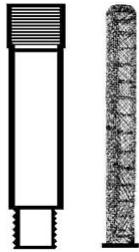
B-242	---	100	0	901	.79
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#### Filter Bushing O-Rings

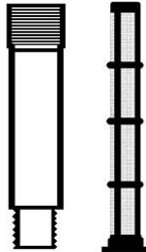
B-335-60	---	100	0	901	3.48
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Each filter uses two (2) Filter Bushing O-rings for top and bottom screen seals

### Hose Filters



7 GPM Steel



7 GPM Plastic/Nylon

NOTE: It is recommended to connect the inlet of the Hose Filter to the system with a swivel adapter such as Spears® AP Series, to facilitate servicing of the filter element (refer to Hose Fittings).

Mesh Size	Hole Size (in.)	Part Number Extension
20 Mesh	.0331	-20
30 Mesh	.0232	-30
50 Mesh	.0117	-50
80 Mesh	.0070	-80
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: HF-50 = 50 Mesh

#### 7 GPM Hose Filter Assembly

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with Stainless Steel Screen

HF-20	3/4	10	60	020	17.77
HF-30	3/4	10	60	020	17.77
HF-50	3/4	10	60	020	17.77
HF-80	3/4	10	60	020	17.77
HF-100	3/4	10	60	020	18.46
HF-150	3/4	10	60	020	18.69
HF-200	3/4	10	60	020	19.19

#### with Plastic/Nylon Screen

HF-150N	3/4	10	60	020	18.69
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#### Hose Filter Replacement Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Stainless Steel Screen

HF-20-1W	5	25	150	020	6.50
HF-30-1W	5	25	150	020	6.50
HF-50-1W	5	25	150	020	6.50
HF-80-1W	5	25	150	020	6.50
HF-100-1W	5	25	150	020	9.60
HF-150-1W	5	25	150	020	9.60
HF-200-1W	5	25	150	020	9.60

#### Plastic/Nylon Screen

HF-150-1NW	4-3/4	25	150	020	9.60
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#### 7 GPM Hose Filter Body Components

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Hose Filter Body w/o screen

HF	3/4	10	60	020	13.37
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#### Hose Washer

W-100	3/4	50	1500	020	.04
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#### Screen Washer

S-W	---	600	0	901	.20
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## Strainers & Filters

### In-line Tee Style Filters and Reverse In-line Tee Style Filters



**100 GPM and 50 GPM • PVC White • Buna O-ring Seal**



100 GPM



50 GPM

- In-line Design Simplifies Installation.
- Allows Easy Parallel Filter Configuration for Increased Flow and Filtration.
- Removable Type 304 Stainless Steel Filter Cartridges in Assorted Perforations and Screen Mesh.
- Standard Flow Filter (Internal-to-External) Traps Sediment on Inside of Cartridge, Reverse Flow Filter (External-to-Internal) Traps Sediment on Outside of Cartridge.
- Convenient Bottom Drain with 1-1/4" NPT Stainless Steel Reinforced Plastic Thread and Plug. Optional Cap with 1/4" Outlet Available.
- 200 psi Working Pressure for Water @ 73°F (23°C).
- Manufactured from NSF® Certified PVC Material.

#### 100 GPM PVC White Tee Filter

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
TF-16"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	527.35
TF-32"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	539.34
TF-50	2-1/2" / 3 x 2-1/2" / 3	1	0	020	611.23
TF-76	2-1/2" / 3 x 2-1/2" / 3	1	0	020	738.28
TF-100	2-1/2" / 3 x 2-1/2" / 3	1	0	020	671.16
TF-150	2-1/2" / 3 x 2-1/2" / 3	1	0	020	695.15
TF-200	2-1/2" / 3 x 2-1/2" / 3	1	0	020	755.07

#### 50 GPM PVC White Tee Filter

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTF-16"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	443.48
MTF-32"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	450.65
MTF-50	2-1/2" / 3 x 2-1/2" / 3	1	0	020	465.01
MTF-76	2-1/2" / 3 x 2-1/2" / 3	1	0	020	563.33
MTF-100	2-1/2" / 3 x 2-1/2" / 3	1	0	020	491.41
MTF-150	2-1/2" / 3 x 2-1/2" / 3	1	0	020	515.37
MTF-200	2-1/2" / 3 x 2-1/2" / 3	1	0	020	575.29

Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: TF-50 = 50 Mesh

#### 100 GPM PVC White Reverse Tee Filter

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
TF-16"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	527.35
TF-32"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	539.34
TFR-50	2-1/2" / 3 x 2-1/2" / 3	1	0	020	611.23
TFR-76	2-1/2" / 3 x 2-1/2" / 3	1	0	020	738.28
TFR-100	2-1/2" / 3 x 2-1/2" / 3	1	0	020	671.16
TFR-150	2-1/2" / 3 x 2-1/2" / 3	1	0	020	695.15
TFR-200	2-1/2" / 3 x 2-1/2" / 3	1	0	020	755.07

#### 50 GPM PVC White Reverse Tee Filter

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTF-16"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	443.48
MTF-32"	2-1/2" / 3 x 2-1/2" / 3	1	0	020	450.65
MTFR-50	2-1/2" / 3 x 2-1/2" / 3	1	0	020	465.01
MTFR-76	2-1/2" / 3 x 2-1/2" / 3	1	0	020	563.33
MTFR-100	2-1/2" / 3 x 2-1/2" / 3	1	0	020	491.41

#### 50 GPM PVC White Reverse Tee Filter (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Buna-N O-ring Seal with Stainless Steel Screen</b>					
MTFR-150	2-1/2" / 3 x 2-1/2" / 3	1	0	020	515.37
MTFR-200	2-1/2" / 3 x 2-1/2" / 3	1	0	020	575.29

\*Standard TF-16, TF-32, MTF-16 & MTF-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

#### 100 GPM Filter Replacement Screens for TF Filters (24" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FL-50-1	50 Mesh	3	0	020	455.45
FL-76-1	76 Mesh	3	0	020	450.65
FL-100-1	100 Mesh	3	0	020	354.78
FL-150-1	150 Mesh	3	0	020	383.52
FL-200-1	200 Mesh	3	0	020	474.62

NOTE: When ordering replacement screens for TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

#### 50 GPM Filter Replacement Screens for MTF Filters (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFL-50-1	50 Mesh	3	0	020	239.71
MFL-76-1	76 Mesh	3	0	020	340.38
MFL-100-1	100 Mesh	3	0	020	263.69
MFL-150-1	150 Mesh	3	0	020	292.46
MFL-200-1	200 Mesh	3	0	020	359.54

NOTE: When ordering replacement screens for TF and MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

#### 100 GPM Reverse Flow Filter Replacement Screens for TFR Filters (24" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FLR-16-1	1/16" Holes	3	0	020	210.94
FLR-32-1	1/32" Holes	3	0	020	230.11
FLR-50-1	50 Mesh	3	0	020	231.22
FLR-76-1	76 Mesh	3	0	020	450.65
FLR-100-1	100 Mesh	3	0	020	320.17
FLR-150-1	150 Mesh	3	0	020	364.34
FLR-200-1	200 Mesh	3	0	020	450.89

#### 50 GPM Reverse Flow Filter Replacement Screens for MTFR Filters (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53

Made in the U.S.A.

**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
Progressive Products from Spears® Innovation and Technology



**Strainers & Filters**  
**In-line Tee Style Filters and Reverse In-line Tee Style Filters**

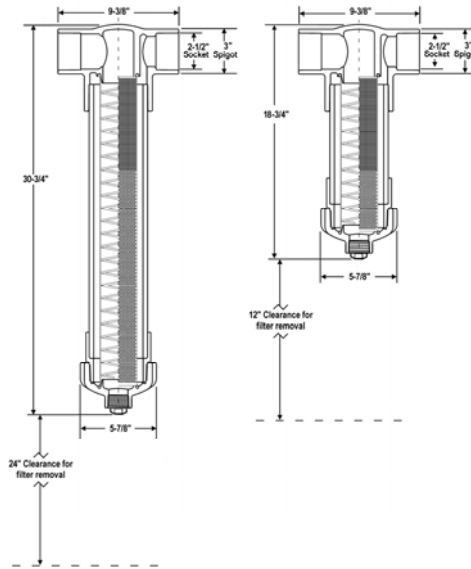
**50 GPM Reverse Flow Filter Replacement Screens for  
MTFR Filters (12" Length) (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFLR-50-1	<b>50 Mesh</b>	3	0	020	243.40
MFLR-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFLR-100-1	<b>100 Mesh</b>	3	0	020	250.49
MFLR-150-1	<b>150 Mesh</b>	3	0	020	277.82
MFLR-200-1	<b>200 Mesh</b>	3	0	020	341.55



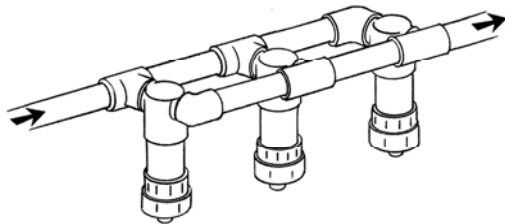
**IN-LINE TECHNICAL INFORMATION**

**Dimensions**



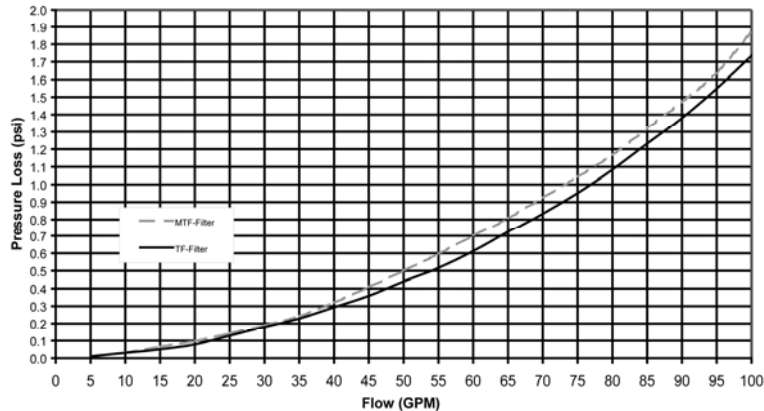
Filter includes drain plug for 1-1/4" NPT outlet. Optional valve for blow-out or filter cap with 1/4" NPT outlet can be purchased separately.

**Parallel Filter Installation**



- When more than 100 gpm is required, filters may be installed in parallel.
- When installing filter, allow space for removing filter screen for cleaning.
- Remove stainless steel filter screen before solvent welding filter to pipe manifold to avoid cement contact with screen.
- When filters are installed in the direct sun, it is suggested the filter body be coated with a water-base latex paint having a high reflectance.
- Installation in a shaded area is preferred.

**Pressure Loss**





## Strainers & Filters Reverse Flow Filters



100 GPM



50 GPM

- Filter cartridge specially designed for external-to-internal filtration
- Traps sediment and debris on outside of filter (standard filters use internal-to-external flow)
- 100 GPM and 50 GPM styles available

### 100 GPM Reverse Flow Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Socket x Socket/Spigot

FLR-16*	4X2-1/2 /3	1	0	020	527.35
FLR-32*	4X2-1/2 /3	1	0	020	539.34
FLR-50	4X2-1/2 /3	1	0	020	611.23
FLR-76	4X2-1/2 /3	1	0	020	738.28
FLR-100	4X2-1/2 /3	1	0	020	671.16
FLR-150	4X2-1/2 /3	1	0	020	695.15
FLR-200	4X2-1/2 /3	1	0	020	755.07

\*Standard FL-16 and FL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 50 GPM Filter Assembly with Stainless Steel Screen

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Socket x Socket/Spigot

MFLR-16*	2X2-1/2 /3	1	0	020	443.48
MFLR-32*	2X2-1/2 /3	1	0	020	450.65
MFLR-50	2X2-1/2 /3	1	0	020	465.01
MFLR-76	2X2-1/2 /3	1	0	020	563.33
MFLR-100	2X2-1/2 /3	1	0	020	491.41
MFLR-150	2X2-1/2 /3	1	0	020	515.37
MFLR-200	2X2-1/2 /3	1	0	020	575.29

\*Standard MFL-16 and MFL-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 100 GPM Reverse Flow Filter Replacement Screens (24" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	1/16" Holes	3	0	020	210.94
FL-32-1	1/32" Holes	3	0	020	230.11
FLR-50-1	50 Mesh	3	0	020	231.22
FLR-76-1	76 Mesh	3	0	020	450.65
FLR-100-1	100 Mesh	3	0	020	320.17
FLR-150-1	150 Mesh	3	0	020	364.34
FLR-200-1	200 Mesh	3	0	020	450.89

### 50 GPM Reverse Flow Filter Replacement Screens (12" Length)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	1/16" Holes	3	0	020	210.94
MFL-32-1	1/32" Holes	3	0	020	220.53
MFLR-50-1	50 Mesh	3	0	020	243.40
MFLR-76-1	76 Mesh	3	0	020	340.38
MFLR-100-1	100 Mesh	3	0	020	250.49
MFLR-150-1	150 Mesh	3	0	020	277.82
MFLR-200-1	200 Mesh	3	0	020	341.55

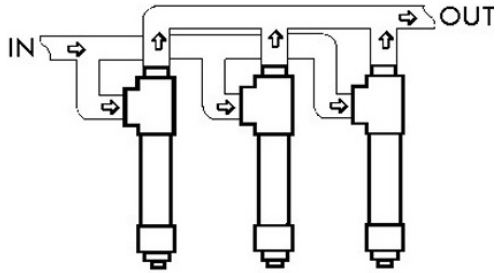
## Strainers & Filters Reverse Flow Filters



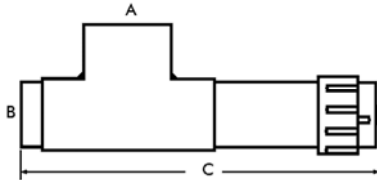
Mesh Size	Hole Size (in.)	Part Number Extension
1/16" Holes	.0625	-16
1/32" Holes	.0312	-32
50 Mesh	.0117	-50
76 Mesh	.0095	-76
100 Mesh	.0059	-100
150 Mesh	.0041	-150
200 Mesh	.0029	-200

Additional Mesh Sizes available on request.  
Example: FLR-50 = 50 Mesh

### Typical Reverse Flow Application



- When more than 100 gpm is required, filters may be installed in parallel
- When installing filter, allow space for removing filter screen for cleaning
- Remove stainless steel filter screen before solvent welding filter to pipe manifold
- When filters are installed in direct sunlight, it is suggested the filter body be coated with a water-base latex paint having a high reflectance
- Installation in a shaded area is preferred



Series	A Inlet	B Outlet		C Overall Length	Screen Length	Filter Approx. Weight
		Socket	Spigot			
FLR	4	2-1/2	3	28	24	8
MFLR	4	2-1/2	3	16	12	4-3/4



## Strainers & Filters In-line Tee-Style Filters



Socket/Spigot

All Filters are 2-1/2"x 2-1/2"  
Inlet/Outlet Connection

Note: 2-1/2" Socket is also a 3" Spigot

Pressure Rating @ 73°F (23°C), Water  
200 psi

### Mesh Size Codes

Mesh Size	Size Code
1/16" Holes	16
1/32" Holes	32
50 Mesh	50
76 Mesh	76
100 Mesh	100
150 Mesh	150
200 Mesh	200

Note: Standard flow filtration path is internal to external. Reverse-flow filtration flows from external to internal side of filter screen.

### 100 GPM PVC Gray Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

<b>16</b>	TF2-16 <b>686.07</b>	TF3-16 <b>737.06</b>	1	0	295
<b>32</b>	TF2-32 <b>701.54</b>	TF3-32 <b>753.73</b>	1	0	295
<b>50</b>	TF2-50 <b>795.05</b>	TF3-50 <b>900.04</b>	1	0	295
<b>76</b>	TF2-76 <b>960.34</b>	TF3-76 <b>1031.82</b>	1	0	295
<b>100</b>	TF2-100 <b>872.94</b>	TF3-100 <b>937.84</b>	1	0	295
<b>150</b>	TF2-150 <b>904.18</b>	TF3-150 <b>971.35</b>	1	0	295
<b>200</b>	TF2-200 <b>982.23</b>	TF3-200 <b>1055.22</b>	1	0	295

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 50 GPM PVC Gray Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

<b>16</b>	MTF2-16 <b>576.82</b>	MTF3-16 <b>619.66</b>	1	0	295
<b>32</b>	MTF2-32 <b>586.16</b>	MTF3-32 <b>629.78</b>	1	0	295
<b>50</b>	MTF2-50 <b>604.83</b>	MTF3-50 <b>649.82</b>	1	0	295
<b>76</b>	MTF2-76 <b>732.61</b>	MTF3-76 <b>787.11</b>	1	0	295
<b>100</b>	MTF2-100 <b>639.11</b>	MTF3-100 <b>686.55</b>	1	0	295
<b>150</b>	MTF2-150 <b>670.34</b>	MTF3-150 <b>720.21</b>	1	0	295
<b>200</b>	MTF2-200 <b>748.22</b>	MTF3-200 <b>803.94</b>	1	0	295

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 100 GPM PVC Gray Reverse Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

<b>16</b>	TF2-16 <b>686.07</b>	TF3-16 <b>737.06</b>	1	0	295
<b>32</b>	TF2-32 <b>701.54</b>	TF3-32 <b>753.73</b>	1	0	295
<b>50</b>	TFR2-50 <b>795.05</b>	TFR3-50 <b>854.13</b>	1	0	295
<b>76</b>	TFR2-76 <b>960.34</b>	TFR3-76 <b>1031.82</b>	1	0	295
<b>100</b>	TFR2-100 <b>872.94</b>	TFR3-100 <b>937.84</b>	1	0	295
<b>150</b>	TFR2-150 <b>904.18</b>	TFR3-150 <b>971.35</b>	1	0	295
<b>200</b>	TFR2-200 <b>982.23</b>	TFR3-200 <b>1055.22</b>	1	0	295

### 100 GPM PVC Gray Reverse Tee Filter (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 50 GPM PVC Gray Reverse Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

<b>16</b>	MTF2-16 <b>576.82</b>	MTF3-16 <b>619.66</b>	1	0	295
<b>32</b>	MTF2-32 <b>586.16</b>	MTF3-32 <b>629.78</b>	1	0	295
<b>50</b>	MTFR2-50 <b>604.83</b>	MTFR3-50 <b>649.82</b>	1	0	295
<b>76</b>	MTFR2-76 <b>732.61</b>	MTFR3-76 <b>787.11</b>	1	0	295
<b>100</b>	MTFR2-100 <b>639.11</b>	MTFR3-100 <b>686.55</b>	1	0	295
<b>150</b>	MTFR2-150 <b>670.34</b>	MTFR3-150 <b>720.21</b>	1	0	295
<b>200</b>	MTFR2-200 <b>748.22</b>	MTFR3-200 <b>803.94</b>	1	0	295

Standard TF2-16, TF2-32, TF3-16, TF3-32, MTF2-16, MTF2-32, MTF3-16 & MTF3-32 can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 100 GPM CPVC Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

<b>16</b>	TF2-16C <b>887.64</b>	TF3-16C <b>953.60</b>	1	0	296
<b>32</b>	TF2-32C <b>907.54</b>	TF3-32C <b>975.19</b>	1	0	296
<b>50</b>	TF2-50C <b>1028.76</b>	TF3-50C <b>1104.96</b>	1	0	296
<b>76</b>	TF2-76C <b>1242.39</b>	TF3-76C <b>1335.00</b>	1	0	296
<b>100</b>	TF2-100C <b>1129.29</b>	TF3-100C <b>1213.32</b>	1	0	296
<b>150</b>	TF2-150C <b>1169.69</b>	TF3-150C <b>1256.78</b>	1	0	296
<b>200</b>	TF2-200C <b>1270.72</b>	TF3-200C <b>1365.13</b>	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 50 GPM CPVC Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

<b>16</b>	MTF2-16C <b>746.23</b>	MTF3-16C <b>801.63</b>	1	0	296
<b>32</b>	MTF2-32C <b>758.33</b>	MTF3-32C <b>814.80</b>	1	0	296
<b>50</b>	MTF2-50C <b>782.50</b>	MTF3-50C <b>840.67</b>	1	0	296
<b>76</b>	MTF2-76C <b>947.80</b>	MTF3-76C <b>1018.34</b>	1	0	296



## Strainers & Filters In-line Tee-Style Filters



### 50 GPM CPVC Tee Filter (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>100</b>	MTF2-100C <b>826.73</b>	MTF3-100C <b>888.11</b>	1	0	296
<b>150</b>	MTF2-150C <b>867.28</b>	MTF3-150C <b>930.65</b>	1	0	296
<b>200</b>	MTF2-200C <b>968.01</b>	MTF3-200C <b>1040.07</b>	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 100 GPM CPVC Reverse Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	TF2-16C <b>887.64</b>	TF3-16C <b>953.60</b>	1	0	296
<b>32</b>	TF2-32C <b>907.54</b>	TF3-32C <b>975.19</b>	1	0	296
<b>50</b>	TFR2-50C <b>1028.76</b>	TFR3-50C <b>1104.96</b>	1	0	296
<b>76</b>	TFR2-76C <b>1242.39</b>	TFR3-76C <b>1335.00</b>	1	0	296
<b>100</b>	TFR2-100C <b>1129.29</b>	TFR3-100C <b>1213.32</b>	1	0	296
<b>150</b>	TFR2-150C <b>1169.69</b>	TFR3-150C <b>1256.78</b>	1	0	296
<b>200</b>	TFR2-200C <b>1270.72</b>	TFR3-200C <b>1365.13</b>	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 50 GPM CPVC Reverse Tee Filter

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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#### Stainless Steel Screen

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>16</b>	MTF2-16C <b>746.23</b>	MTF3-16C <b>801.63</b>	1	0	296
<b>32</b>	MTF2-32C <b>758.33</b>	MTF3-32C <b>814.80</b>	1	0	296
<b>50</b>	MTFR2-50C <b>782.50</b>	MTFR3-50C <b>840.67</b>	1	0	296
<b>76</b>	MTFR2-76C <b>947.80</b>	MTFR3-76C <b>1018.34</b>	1	0	296
<b>100</b>	MTFR2-100C <b>826.73</b>	MTFR3-100C <b>888.11</b>	1	0	296
<b>150</b>	MTFR2-150C <b>867.28</b>	MTFR3-150C <b>930.65</b>	1	0	296
<b>200</b>	MTFR2-200C <b>968.01</b>	MTFR3-200C <b>1040.07</b>	1	0	296

Standard TF2-16C, TF2-32C, TF3-16C, TF3-32C, MTF2-16C, MTF2-32C, MTF3-16C & MTF3-32C can be utilized as Reverse Flow Filters by reversing installation from current inlet to outlet and current outlet to inlet.

### 100 GPM Filter Replacement Screens for TF Filters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
FL-32-1	<b>1/32" Holes</b>	3	0	020	230.11
FL-50-1	<b>50 Mesh</b>	3	0	020	455.45
FL-76-1	<b>76 Mesh</b>	3	0	020	450.65
FL-100-1	<b>100 Mesh</b>	3	0	020	354.78
FL-150-1	<b>150 Mesh</b>	3	0	020	383.52
FL-200-1	<b>200 Mesh</b>	3	0	020	474.62

NOTE: When ordering replacement screens for TF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

### 50 GPM Filter Replacement Screens for MTF Filters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	<b>1/16" Holes</b>	3	0	020	210.94

### 50 GPM Filter Replacement Screens for MTF Filters (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFL-50-1	<b>50 Mesh</b>	3	0	020	239.71
MFL-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFL-100-1	<b>100 Mesh</b>	3	0	020	263.69
MFL-150-1	<b>150 Mesh</b>	3	0	020	292.46
MFL-200-1	<b>200 Mesh</b>	3	0	020	359.54

NOTE: When ordering replacement screens for MTF Series Filters, please provide exact length of old screen within 1/64" to insure proper fit of new screen in your filter body.

### 100 GPM Reverse Flow Filter Replacement Screens for TFR Filters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
FL-32-1	<b>1/32" Holes</b>	3	0	020	230.11
FLR-50-1	<b>50 Mesh</b>	3	0	020	231.22
FLR-76-1	<b>76 Mesh</b>	3	0	020	450.65
FLR-100-1	<b>100 Mesh</b>	3	0	020	320.17
FLR-150-1	<b>150 Mesh</b>	3	0	020	364.34
FLR-200-1	<b>200 Mesh</b>	3	0	020	450.89

### 50 GPM Reverse Flow Filter Replacement Screens for MTFR Filters

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MFL-16-1	<b>1/16" Holes</b>	3	0	020	210.94
MFL-32-1	<b>1/32" Holes</b>	3	0	020	220.53
MFLR-50-1	<b>50 Mesh</b>	3	0	020	243.40
MFLR-76-1	<b>76 Mesh</b>	3	0	020	340.38
MFLR-100-1	<b>100 Mesh</b>	3	0	020	250.49
MFLR-150-1	<b>150 Mesh</b>	3	0	020	277.82
MFLR-200-1	<b>200 Mesh</b>	3	0	020	341.55



## Strainers & Filters Y-Strainers



Socket



Flanged



SR Thread

Part numbers shown reflect a mesh size of 8. For different mesh sizes, substitute Mesh Code in part number as specified in chart below.

U.S. Standard Mesh Sieve No.	Sieve Opening Size (in.)	Part Number Mesh Code
8	0.094	8
12	0.062	12
20	0.033	20
30	0.024	30

Example: for 12 Mesh, specify YS22P12-005  
Additional Mesh Sizes available on request.



True Union

Pressure Rating @ 73°F (23°C), Water

1/2" - 2"            150 psi  
3" - 4"            90 psi

Maximum Service Temperature

PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

Temperature/Pressure  
De-ratings Apply

### PVC - Socket Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS22P8-005	YS22S8-005	YS32P8-005	YS32S8-005	1	18	102
	<b>82.69</b>	<b>163.63</b>	<b>90.31</b>	<b>179.79</b>			
3/4	YS22P8-007	YS22S8-007	YS32P8-007	YS32S8-007	1	18	102
	<b>92.39</b>	<b>187.12</b>	<b>101.81</b>	<b>211.04</b>			
1	YS22P8-010	YS22S8-010	YS32P8-010	YS32S8-010	1	12	102
	<b>101.59</b>	<b>221.97</b>	<b>111.85</b>	<b>244.04</b>			
1-1/4	YS22P8-012	YS22S8-012	YS32P8-012	YS32S8-012	1	8	102
	<b>172.03</b>	<b>320.26</b>	<b>191.16</b>	<b>353.10</b>			
1-1/2	YS22P8-015	YS22S8-015	YS32P8-015	YS32S8-015	1	8	102
	<b>182.02</b>	<b>341.39</b>	<b>202.27</b>	<b>374.87</b>			
2	YS22P8-020	YS22S8-020	YS32P8-020	YS32S8-020	1	4	102
	<b>213.82</b>	<b>385.61</b>	<b>237.55</b>	<b>428.44</b>			
3	YS22P8-030	YS22S8-030	YS32P8-030	YS32S8-030	1	0	102
	<b>492.79</b>	<b>665.73</b>	<b>529.53</b>	<b>702.47</b>			
4	YS22P8-040	YS22S8-040	YS32P8-040	YS32S8-040	1	0	102
	<b>861.63</b>	<b>1078.95</b>	<b>927.45</b>	<b>1144.74</b>			

### PVC - SR Threaded Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	YS21P8-005SR	YS21S8-005SR	YS31P8-005SR	YS31S8-005SR	1	18	102
	<b>87.14</b>	<b>168.09</b>	<b>94.73</b>	<b>184.23</b>			
3/4	YS21P8-007SR	YS21S8-007SR	YS31P8-007SR	YS31S8-007SR	1	12	102
	<b>98.80</b>	<b>193.52</b>	<b>108.20</b>	<b>217.49</b>			
1	YS21P8-010SR	YS21S8-010SR	YS31P8-010SR	YS31S8-010SR	1	8	102
	<b>111.10</b>	<b>231.51</b>	<b>121.37</b>	<b>253.59</b>			
1-1/4	YS21P8-012SR	YS21S8-012SR	YS31P8-012SR	YS31S8-012SR	1	8	102
	<b>187.55</b>	<b>335.78</b>	<b>206.69</b>	<b>368.61</b>			
1-1/2	YS21P8-015SR	YS21S8-015SR	YS31P8-015SR	YS31S8-015SR	1	4	102
	<b>201.09</b>	<b>360.47</b>	<b>221.29</b>	<b>394.05</b>			
2	YS21P8-020SR	YS21S8-020SR	YS31P8-020SR	YS31S8-020SR	1	0	102
	<b>246.99</b>	<b>418.78</b>	<b>270.74</b>	<b>461.63</b>			

## Strainers & Filters Y-Strainers



### PVC - SR Threaded Ends (continued)

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>3</b>	YS21P8-030SR <b>534.28</b>	YS21S8-030SR <b>707.06</b>	YS31P8-030SR <b>570.86</b>	YS31S8-030SR <b>1056.17</b>	1	0	102
<b>4</b>	YS21P8-040SR <b>904.48</b>	YS21S8-040SR <b>1121.80</b>	YS31P8-040SR <b>970.28</b>	YS31S8-040SR <b>1187.62</b>	1	0	102

### PVC - Flanged Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS23P8-005 <b>135.16</b>	YS23S8-005 <b>228.61</b>	YS33P8-005 <b>150.03</b>	YS33S8-005 <b>298.77</b>	1	8	102
<b>3/4</b>	YS23P8-007 <b>143.59</b>	YS23S8-007 <b>261.04</b>	YS33P8-007 <b>155.71</b>	YS33S8-007 <b>342.41</b>	1	8	102
<b>1</b>	YS23P8-010 <b>153.32</b>	YS23S8-010 <b>288.54</b>	YS33P8-010 <b>167.02</b>	YS33S8-010 <b>400.97</b>	1	8	102
<b>1-1/4</b>	YS23P8-012 <b>245.78</b>	YS23S8-012 <b>422.85</b>	YS33P8-012 <b>267.96</b>	YS33S8-012 <b>574.54</b>	1	4	102
<b>1-1/2</b>	YS23P8-015 <b>273.89</b>	YS23S8-015 <b>457.01</b>	YS33P8-015 <b>304.12</b>	YS33S8-015 <b>616.53</b>	1	4	102
<b>2</b>	YS23P8-020 <b>344.35</b>	YS23S8-020 <b>544.33</b>	YS33P8-020 <b>377.84</b>	YS33S8-020 <b>700.41</b>	1	0	102
<b>3</b>	YS23P8-030 <b>760.63</b>	YS23S8-030 <b>933.55</b>	YS33P8-030 <b>817.23</b>	YS33S8-030 <b>990.64</b>	1	0	102
<b>4</b>	YS23P8-040 <b>1225.87</b>	YS23S8-040 <b>1443.20</b>	YS33P8-040 <b>1317.70</b>	YS33S8-040 <b>1535.00</b>	1	0	102

### PVC Clear - Socket Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS22P8-005CL <b>82.69</b>	YS22S8-005CL <b>163.63</b>	YS32P8-005CL <b>90.31</b>	YS32S8-005CL <b>179.79</b>	1	18	103
<b>3/4</b>	YS22P8-007CL <b>92.39</b>	YS22S8-007CL <b>187.12</b>	YS32P8-007CL <b>101.81</b>	YS32S8-007CL <b>211.04</b>	1	18	103
<b>1</b>	YS22P8-010CL <b>101.59</b>	YS22S8-010CL <b>221.97</b>	YS32P8-010CL <b>111.85</b>	YS32S8-010CL <b>244.04</b>	1	12	103
<b>1-1/4</b>	YS22P8-012CL <b>172.03</b>	YS22S8-012CL <b>320.26</b>	YS32P8-012CL <b>191.16</b>	YS32S8-012CL <b>353.10</b>	1	8	103
<b>1-1/2</b>	YS22P8-015CL <b>182.02</b>	YS22S8-015CL <b>341.39</b>	YS32P8-015CL <b>202.27</b>	YS32S8-015CL <b>374.87</b>	1	8	103
<b>2</b>	YS22P8-020CL <b>213.82</b>	YS22S8-020CL <b>417.62</b>	YS32P8-020CL <b>237.55</b>	YS32S8-020CL <b>428.44</b>	1	4	103
<b>3</b>	YS22P8-030CL <b>492.79</b>	YS22S8-030CL <b>665.73</b>	YS32P8-030CL <b>529.53</b>	YS32S8-030CL <b>702.47</b>	1	0	103
<b>4</b>	YS22P8-040CL <b>861.63</b>	YS22S8-040CL <b>1078.95</b>	YS32P8-040CL <b>927.45</b>	YS32S8-040CL <b>1144.74</b>	1	0	103

### PVC Clear - SR Threaded Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS21P8-005CLSR <b>87.14</b>	YS21S8-005CLSR <b>168.09</b>	YS31P8-005CLSR <b>94.73</b>	YS31S8-005CLSR <b>184.23</b>	1	18	103
<b>3/4</b>	YS21P8-007CLSR <b>98.80</b>	YS21S8-007CLSR <b>193.52</b>	YS31P8-007CLSR <b>108.20</b>	YS31S8-007CLSR <b>217.49</b>	1	12	103
<b>1</b>	YS21P8-010CLSR <b>111.10</b>	YS21S8-010CLSR <b>231.51</b>	YS31P8-010CLSR <b>121.37</b>	YS31S8-010CLSR <b>253.59</b>	1	8	103
<b>1-1/4</b>	YS21P8-012CLSR <b>187.55</b>	YS21S8-012CLSR <b>335.78</b>	YS31P8-012CLSR <b>206.69</b>	YS31S8-012CLSR <b>368.61</b>	1	8	103
<b>1-1/2</b>	YS21P8-015CLSR <b>201.09</b>	YS21S8-015CLSR <b>360.47</b>	YS31P8-015CLSR <b>221.29</b>	YS31S8-015CLSR <b>394.05</b>	1	4	103
<b>2</b>	YS21P8-020CLSR <b>246.99</b>	YS21S8-020CLSR <b>418.78</b>	YS31P8-020CLSR <b>270.74</b>	YS31S8-020CLSR <b>461.63</b>	1	0	103
<b>3</b>	YS21P8-030CLSR <b>534.28</b>	YS21S8-030CLSR <b>707.06</b>	YS31P8-030CLSR <b>570.86</b>	YS31S8-030CLSR <b>743.78</b>	1	0	103
<b>4</b>	YS21P8-040CLSR <b>904.48</b>	YS21S8-040CLSR <b>1121.80</b>	YS31P8-040CLSR <b>970.28</b>	YS31S8-040CLSR <b>1187.62</b>	1	0	103

### PVC Clear - Flanged Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS23P8-005CL <b>135.16</b>	YS23S8-005CL <b>228.61</b>	YS33P8-005CL <b>150.03</b>	YS33S8-005CL <b>298.77</b>	1	8	103
<b>3/4</b>	YS23P8-007CL <b>143.59</b>	YS23S8-007CL <b>261.04</b>	YS33P8-007CL <b>155.71</b>	YS33S8-007CL <b>342.41</b>	1	8	103
<b>1</b>	YS23P8-010CL <b>153.32</b>	YS23S8-010CL <b>288.54</b>	YS33P8-010CL <b>167.02</b>	YS33S8-010CL <b>400.97</b>	1	8	103
<b>1-1/4</b>	YS23P8-012CL <b>245.78</b>	YS23S8-012CL <b>422.85</b>	YS33P8-012CL <b>267.96</b>	YS33S8-012CL <b>574.54</b>	1	4	103



## Strainers & Filters Y-Strainers & True Union Y-Strainers

### PVC Clear - Flanged Ends (continued)

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1-1/2</b>	YS23P8-015CL 273.89	YS23S8-015CL 457.01	YS33P8-015CL 304.12	YS33S8-015CL 616.53	1	4	103
<b>2</b>	YS23P8-020CL 344.35	YS23S8-020CL 544.33	YS33P8-020CL 377.84	YS33S8-020CL 700.41	1	0	103
<b>3</b>	YS23P8-030CL 760.63	YS23S8-030CL 933.55	YS33P8-030CL 817.23	YS33S8-030CL 990.64	1	0	103
<b>4</b>	YS23P8-040CL 1225.87	YS23S8-040CL 1443.20	YS33P8-040CL 1317.70	YS33S8-040CL 1535.00	1	0	103

### CPVC - Socket Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS22C8-005C 220.59	YS22S8-005C 303.17	YS32C8-005C 247.02	YS32S8-005C 340.78	1	18	104
<b>3/4</b>	YS22C8-007C 242.37	YS22S8-007C 344.78	YS32C8-007C 272.87	YS32S8-007C 387.53	1	18	104
<b>1</b>	YS22C8-010C 307.98	YS22S8-010C 426.45	YS32C8-010C 346.91	YS32S8-010C 478.56	1	12	104
<b>1-1/4</b>	YS22C8-012C 447.09	YS22S8-012C 615.30	YS32C8-012C 538.04	YS32S8-012C 651.54	1	8	104
<b>1-1/2</b>	YS22C8-015C 480.24	YS22S8-015C 635.59	YS32C8-015C 558.20	YS32S8-015C 710.62	1	8	104
<b>2</b>	YS22C8-020C 679.96	YS22S8-020C 796.78	YS32C8-020C 718.49	YS32S8-020C 869.04	1	4	104
<b>3</b>	YS22C8-030C 811.12	YS22S8-030C 970.28	YS32C8-030C 855.51	YS32S8-030C 1043.76	1	0	104
<b>4</b>	YS22C8-040C 1404.94	YS22S8-040C 1606.94	YS32C8-040C 1510.53	YS32S8-040C 1727.84	1	0	104

### CPVC - SR Threaded Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS21C8-005CSR 228.62	YS21S8-005CSR 311.20	YS31C8-005CSR 255.06	YS31S8-005CSR 348.82	1	18	104
<b>3/4</b>	YS21C8-007CSR 250.97	YS21S8-007CSR 353.36	YS31C8-007CSR 281.46	YS31S8-007CSR 396.13	1	12	104
<b>1</b>	YS21C8-010CSR 327.67	YS21S8-010CSR 446.11	YS31C8-010CSR 366.61	YS31S8-010CSR 498.21	1	8	104
<b>1-1/4</b>	YS21C8-012CSR 467.31	YS21S8-012CSR 600.88	YS31C8-012CSR 558.27	YS31S8-012CSR 671.79	1	8	104
<b>1-1/2</b>	YS21C8-015CSR 503.66	YS21S8-015CSR 659.00	YS31C8-015CSR 634.34	YS31S8-015CSR 734.02	1	4	104
<b>2</b>	YS21C8-020CSR 713.31	YS21S8-020CSR 830.13	YS31C8-020CSR 799.53	YS31S8-020CSR 902.36	1	0	104
<b>3</b>	YS21C8-030CSR 852.44	YS21S8-030CSR 1011.61	YS31C8-030CSR 912.14	YS31S8-030CSR 1085.07	1	0	104
<b>4</b>	YS21C8-040CSR 1447.78	YS21S8-040CSR 1649.81	YS31C8-040CSR 1553.38	YS31S8-040CSR 1770.71	1	0	104

### CPVC - Flanged Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS23C8-005C 355.72	YS23S8-005C 436.73	YS33C8-005C 394.83	YS33S8-005C 487.23	1	8	104
<b>3/4</b>	YS23C8-007C 377.84	YS23S8-007C 464.59	YS33C8-007C 409.73	YS33S8-007C 518.49	1	8	104
<b>1</b>	YS23C8-010C 403.47	YS23S8-010C 516.20	YS33C8-010C 439.53	YS33S8-010C 575.49	1	8	104
<b>1-1/4</b>	YS23C8-012C 646.77	YS23S8-012C 796.18	YS33C8-012C 705.09	YS33S8-012C 886.56	1	4	104
<b>1-1/2</b>	YS23C8-015C 720.76	YS23S8-015C 884.65	YS33C8-015C 800.28	YS33S8-015C 986.94	1	4	104
<b>2</b>	YS23C8-020C 906.18	YS23S8-020C 1106.13	YS33C8-020C 994.34	YS33S8-020C 1157.39	1	0	104
<b>3</b>	YS23C8-030C 1238.11	YS23S8-030C 1398.82	YS33C8-030C 1235.05	YS33S8-030C 1504.41	1	0	104
<b>4</b>	YS23C8-040C 1981.90	YS23S8-040C 2183.91	YS33C8-040C 2131.87	YS33S8-040C 2349.21	1	0	104

### PVC Gray - True Union Socket Ends

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2AP8-005 87.05	YS2AS8-005 172.23	YS3AP8-005 95.07	YS3AS8-005 189.26	1	12	102
<b>3/4</b>	YS2AP8-007 97.24	YS2AS8-007 196.96	YS3AP8-007 107.16	YS3AS8-007 222.17	1	8	102

**Strainers & Filters  
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**PVC Gray - True Union Socket Ends (continued)**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1</b>	YS2AP8-010 106.91	YS2AS8-010 233.66	YS3AP8-010 117.71	YS3AS8-010 256.91	1	8	102
<b>1-1/4</b>	YS2AP8-012 181.09	YS2AS8-012 337.72	YS3AP8-012 201.23	YS3AS8-012 371.66	1	4	102
<b>1-1/2</b>	YS2AP8-015 191.62	YS2AS8-015 359.36	YS3AP8-015 212.90	YS3AS8-015 394.62	1	0	102
<b>2</b>	YS2AP8-020 225.06	YS2AS8-020 405.88	YS3AP8-020 250.07	YS3AS8-020 451.00	1	0	102
<b>3</b>	YS2AP8-030 518.74	YS2AS8-030 700.76	YS3AP8-030 557.39	YS3AS8-030 739.44	1	0	102
<b>4</b>	YS2AP8-040 906.98	YS2AS8-040 1135.74	YS3AP8-040 976.23	YS3AS8-040 1205.00	1	0	102

**PVC Gray - True Union Threaded Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005 87.05	YS2BS8-005 172.23	YS3BP8-005 95.07	YS3BS8-005 189.26	1	12	102
<b>3/4</b>	YS2BP8-007 97.24	YS2BS8-007 196.96	YS3BP8-007 107.16	YS3BS8-007 222.17	1	8	102
<b>1</b>	YS2BP8-010 106.91	YS2BS8-010 233.66	YS3BP8-010 117.71	YS3BS8-010 256.91	1	8	102
<b>1-1/4</b>	YS2BP8-012 181.09	YS2BS8-012 337.72	YS3BP8-012 201.23	YS3BS8-012 371.66	1	4	102
<b>1-1/2</b>	YS2BP8-015 191.62	YS2BS8-015 359.36	YS3BP8-015 212.90	YS3BS8-015 394.62	1	0	102
<b>2</b>	YS2BP8-020 225.06	YS2BS8-020 405.88	YS3BP8-020 250.07	YS3BS8-020 451.00	1	0	102
<b>3</b>	YS2BP8-030 518.74	YS2BS8-030 700.76	YS3BP8-030 557.39	YS3BS8-030 739.44	1	0	102
<b>4</b>	YS2BP8-040 906.98	YS2BS8-040 1135.74	YS3BP8-040 976.23	YS3BS8-040 1205.00	1	0	102

**PVC Gray - True Union SR Threaded Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005SR 91.71	YS2BS8-005SR 176.91	YS3BP8-005SR 99.74	YS3BS8-005SR 193.95	1	12	102
<b>3/4</b>	YS2BP8-007SR 104.02	YS2BS8-007SR 203.71	YS3BP8-007SR 113.89	YS3BS8-007SR 228.93	1	8	102
<b>1</b>	YS2BP8-010SR 116.93	YS2BS8-010SR 243.66	YS3BP8-010SR 127.73	YS3BS8-010SR 266.93	1	8	102
<b>1-1/4</b>	YS2BP8-012SR 197.41	YS2BS8-012SR 353.45	YS3BP8-012SR 217.56	YS3BS8-012SR 388.00	1	4	102
<b>1-1/2</b>	YS2BP8-015SR 211.66	YS2BS8-015SR 379.44	YS3BP8-015SR 232.95	YS3BS8-015SR 414.79	1	0	102
<b>2</b>	YS2BP8-020SR 259.98	YS2BS8-020SR 440.81	YS3BP8-020SR 285.00	YS3BS8-020SR 485.94	1	0	102
<b>3</b>	YS2BP8-030SR 562.23	YS2BS8-030SR 744.27	YS3BP8-030SR 600.88	YS3BS8-030SR 782.94	1	0	102
<b>4</b>	YS2BP8-040SR 952.11	YS2BS8-040SR 1180.85	YS3BP8-040SR 1021.37	YS3BS8-040SR 1250.12	1	0	102

**PVC Clear - True Union Socket Ends**

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2AP8-005CL 87.05	YS2AS8-005CL 172.23	YS3AP8-005CL 95.07	YS3AS8-005CL 189.26	1	12	103
<b>3/4</b>	YS2AP8-007CL 97.24	YS2AS8-007CL 196.96	YS3AP8-007CL 107.16	YS3AS8-007CL 222.17	1	8	103
<b>1</b>	YS2AP8-010CL 106.91	YS2AS8-010CL 233.66	YS3AP8-010CL 117.71	YS3AS8-010CL 256.91	1	8	103
<b>1-1/4</b>	YS2AP8-012CL 181.09	YS2AS8-012CL 337.72	YS3AP8-012CL 201.23	YS3AS8-012CL 371.66	1	4	103
<b>1-1/2</b>	YS2AP8-015CL 191.62	YS2AS8-015CL 359.36	YS3AP8-015CL 212.90	YS3AS8-015CL 394.62	1	0	103
<b>2</b>	YS2AP8-020CL 225.06	YS2AS8-020CL 405.88	YS3AP8-020CL 250.07	YS3AS8-020CL 451.00	1	0	103
<b>3</b>	YS2AP8-030CL 518.74	YS2AS8-030CL 700.76	YS3AP8-030CL 557.39	YS3AS8-030CL 739.44	1	0	103
<b>4</b>	YS2AP8-040CL 906.98	YS2AS8-040CL 1135.74	YS3AP8-040CL 976.23	YS3AS8-040CL 1205.00	1	0	103



## Strainers & Filters True Union Y-Strainers

### PVC Clear - True Union Threaded Ends

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005CL 87.05	YS2BS8-005CL 172.23	YS3BP8-005CL 95.07	YS3BS8-005CL 189.26	1	12	103
<b>3/4</b>	YS2BP8-007CL 97.24	YS2BS8-007CL 196.96	YS3BP8-007CL 107.16	YS3BS8-007CL 222.17	1	8	103
<b>1</b>	YS2BP8-010CL 106.91	YS2BS8-010CL 233.67	YS3BP8-010CL 117.71	YS3BS8-010CL 256.91	1	8	103
<b>1-1/4</b>	YS2BP8-012CL 181.09	YS2BS8-012CL 337.12	YS3BP8-012CL 201.23	YS3BS8-012CL 371.66	1	4	103
<b>1-1/2</b>	YS2BP8-015CL 191.62	YS2BS8-015CL 359.36	YS3BP8-015CL 212.90	YS3BS8-015CL 394.62	1	0	103
<b>2</b>	YS2BP8-020CL 225.06	YS2BS8-020CL 405.88	YS3BP8-020CL 250.07	YS3BS8-020CL 451.00	1	0	103
<b>3</b>	YS2BP8-030CL 518.74	YS2BS8-030CL 700.76	YS3BP8-030CL 557.39	YS3BS8-030CL 739.44	1	0	103
<b>4</b>	YS2BP8-040CL 906.98	YS2BS8-040CL 1135.74	YS3BP8-040CL 976.23	YS3BS8-040CL 1205.00	1	0	103

### PVC Clear - True Union SR Threaded Ends

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BP8-005CLSR 91.71	YS2BS8-005CLSR 176.91	YS3BP8-005CLSR 99.74	YS3BS8-005CLSR 193.95	1	12	103
<b>3/4</b>	YS2BP8-007CLSR 104.02	YS2BS8-007CLSR 203.71	YS3BP8-007CLSR 113.89	YS3BS8-007CLSR 228.93	1	8	103
<b>1</b>	YS2BP8-010CLSR 116.93	YS2BS8-010CLSR 243.66	YS3BP8-010CLSR 127.73	YS3BS8-010CLSR 266.93	1	8	103
<b>1-1/4</b>	YS2BP8-012CLSR 197.41	YS2BS8-012CLSR 353.45	YS3BP8-012CLSR 217.56	YS3BS8-012CLSR 388.00	1	4	103
<b>1-1/2</b>	YS2BP8-015CLSR 211.66	YS2BS8-015CLSR 379.44	YS3BP8-015CLSR 232.95	YS3BS8-015CLSR 414.79	1	0	103
<b>2</b>	YS2BP8-020CLSR 259.98	YS2BS8-020CLSR 440.81	YS3BP8-020CLSR 285.00	YS3BS8-020CLSR 485.94	1	0	103
<b>3</b>	YS2BP8-030CLSR 562.23	YS2BS8-030CLSR 744.27	YS3BP8-030CLSR 600.88	YS3BS8-030CLSR 782.94	1	0	103
<b>4</b>	YS2BP8-040CLSR 952.11	YS2BS8-040CLSR 1180.85	YS3BP8-040CLSR 1021.37	YS3BS8-040CLSR 1250.12	1	0	103

### CPVC - True Union Socket Ends

Size	EPDM CPVC Screen	EPDM SS Screen	Viton® CPVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2AC8-005C 232.21	YS2AS8-005C 319.13	YS3AC8-005C 260.05	YS3AS8-005C 358.71	1	12	104
<b>3/4</b>	YS2AC8-007C 255.13	YS2AS8-007C 362.93	YS3AC8-007C 287.23	YS3AS8-007C 407.93	1	8	104
<b>1</b>	YS2AC8-010C 324.19	YS2AS8-010C 448.91	YS3AC8-010C 365.18	YS3AS8-010C 503.73	1	8	104
<b>1-1/4</b>	YS2AC8-012C 470.62	YS2AS8-012C 647.68	YS3AC8-012C 566.34	YS3AS8-012C 686.81	1	4	104
<b>1-1/2</b>	YS2AC8-015C 505.52	YS2AS8-015C 669.03	YS3AC8-015C 587.61	YS3AS8-015C 748.01	1	0	104
<b>2</b>	YS2AC8-020C 715.74	YS2AS8-020C 838.71	YS3AC8-020C 756.31	YS3AS8-020C 914.78	1	0	104
<b>3</b>	YS2AC8-030C 853.80	YS2AS8-030C 1021.37	YS3AC8-030C 916.66	YS3AS8-030C 1098.68	1	0	104
<b>4</b>	YS2AC8-040C 1478.87	YS2AS8-040C 1691.51	YS3AC8-040C 1590.04	YS3AS8-040C 1818.80	1	0	104

### CPVC - True Union Threaded Ends

Size	EPDM CPVC Screen	EPDM SS Screen	Viton® CPVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	YS2BC8-005C 232.21	YS2BS8-005C 319.13	YS3BC8-005C 260.05	YS3BS8-005C 358.71	1	12	104
<b>3/4</b>	YS2BC8-007C 255.13	YS2BS8-007C 362.93	YS3BC8-007C 287.23	YS3BS8-007C 407.93	1	8	104
<b>1</b>	YS2BC8-010C 324.19	YS2BS8-010C 448.91	YS3BC8-010C 365.18	YS3BS8-010C 503.73	1	8	104
<b>1-1/4</b>	YS2BC8-012C 470.62	YS2BS8-012C 647.68	YS3BC8-012C 566.34	YS3BS8-012C 685.84	1	4	104
<b>1-1/2</b>	YS2BC8-015C 505.52	YS2BS8-015C 669.03	YS3BC8-015C 587.61	YS3BS8-015C 748.01	1	0	104
<b>2</b>	YS2BC8-020C 715.74	YS2BS8-020C 838.71	YS3BC8-020C 756.31	YS3BS8-020C 914.78	1	0	104
<b>3</b>	YS2BC8-030C 853.80	YS2BS8-030C 1021.37	YS3BC8-030C 902.87	YS3BS8-030C 1098.68	1	0	104
<b>4</b>	YS2BC8-040C 1478.87	YS2BS8-040C 1691.51	YS3BC8-040C 1590.04	YS3BS8-040C 1818.80	1	0	104



**Strainers & Filters**  
**True Union Y-Strainers**



**CPVC - True Union SR Threaded Ends**

<b>Size</b>	<b>EPDM CPVC Screen</b>	<b>EPDM SS Screen</b>	<b>Viton® CPVC Screen</b>	<b>Viton® SS Screen</b>	<b>Std Pk</b>	<b>Mstr Pk</b>	<b>Disc Code</b>
<b>1/2</b>	YS2BC8-005CSR <b>240.67</b>	YS2BS8-005CSR <b>327.55</b>	YS3BC8-005CSR <b>268.48</b>	YS3BS8-005CSR <b>367.18</b>	1	12	104
<b>3/4</b>	YS2BC8-007CSR <b>264.18</b>	YS2BS8-007CSR <b>371.94</b>	YS3BC8-007CSR <b>296.28</b>	YS3BS8-007CSR <b>416.98</b>	1	12	104
<b>1</b>	YS2BC8-010CSR <b>344.90</b>	YS2BS8-010CSR <b>469.56</b>	YS3BC8-010CSR <b>385.89</b>	YS3BS8-010CSR <b>524.71</b>	1	8	104
<b>1-1/4</b>	YS2BC8-012CSR <b>491.89</b>	YS2BS8-012CSR <b>632.51</b>	YS3BC8-012CSR <b>587.63</b>	YS3BS8-012CSR <b>707.13</b>	1	4	104
<b>1-1/2</b>	YS2BC8-015CSR <b>530.15</b>	YS2BS8-015CSR <b>693.68</b>	YS3BC8-015CSR <b>667.71</b>	YS3BS8-015CSR <b>772.65</b>	1	0	104
<b>2</b>	YS2BC8-020CSR <b>750.86</b>	YS2BS8-020CSR <b>873.81</b>	YS3BC8-020CSR <b>841.61</b>	YS3BS8-020CSR <b>949.86</b>	1	0	104
<b>3</b>	YS2BC8-030CSR <b>897.32</b>	YS2BS8-030CSR <b>1064.86</b>	YS3BC8-030CSR <b>960.14</b>	YS3BS8-030CSR <b>1142.18</b>	1	0	104
<b>4</b>	YS2BC8-040CSR <b>1523.97</b>	YS2BS8-040CSR <b>1736.64</b>	YS3BC8-040CSR <b>1635.14</b>	YS3BS8-040CSR <b>1863.88</b>	1	0	104



## Strainers & Filters Basket Strainers



Pressure Rating @ 73°F (23°C), Water	
1/2"-8"	150 psi
10"-12"	50 psi

Maximum Service Temperature

PVC = 140°F (60°C)

CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

**Important Ordering Information** - Column headings indicate Elastomer seal type and Strainer Basket screen material. All Part Numbers shown designate 1/8" perforated (#6 Mesh Code) Strainer Basket Screens. To order other screen perforation sizing, replace the number "6" preceding the dash-separator with the corresponding Mesh Code from chart. Pricing is the same for all listed Mesh Codes.

Perforation Size	Mesh Code
1/16"	12
3/32"	8
1/8"	6
3/16"	4
1/4"	3
3/8"	2

**Example:** To order a 1/16" screen perforation in listed part number BS22P6-020, change the part number to BS22P12-020

Contact Spears® for additional perforations & wire mesh sizes

### PVC - Socket Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	BS22P6-005 386.71	BS22S6-005 618.43	BS32P6-005 407.06	BS32S6-005 638.78	1	2	295
3/4	BS22P6-007 386.71	BS22S6-007 618.43	BS32P6-007 407.06	BS32S6-007 638.78	1	2	295
1	BS22P6-010 386.71	BS22S6-010 618.43	BS32P6-010 407.06	BS32S6-010 638.78	1	2	295
1-1/4	BS22P6-012 708.31	BS22S6-012 1016.26	BS32P6-012 795.65	BS32S6-012 1142.12	1	0	295
1-1/2	BS22P6-015 708.31	BS22S6-015 1016.26	BS32P6-015 795.65	BS32S6-015 1142.12	1	0	295
2	BS22P6-020 708.31	BS22S6-020 1016.26	BS32P6-020 795.65	BS32S6-020 1142.12	1	0	295
2-1/2	BS22P6-025 1339.59	BS22S6-025 1874.63	BS32P6-025 1505.88	BS32S6-025 2106.39	1	0	295
3	BS22P6-030 1634.47	BS22S6-030 2168.95	BS32P6-030 1836.53	BS32S6-030 2437.06	1	0	295
4	BS22P6-040 2164.52	BS22S6-040 2779.24	BS32P6-040 2432.03	BS32S6-040 3114.18	1	0	295
6	BS22P6-060 3090.12	BS22S6-060 4153.51	BS32P6-060 3472.16	BS32S6-060 4672.60	1	0	295
8	BS22P6-080 4118.85	BS22S6-080 5564.30	BS32P6-080 4628.90	BS32S6-080 6253.35	1	0	295
10	BS22P6-100 7893.20	BS22S6-100 9958.39	BS32P6-100 8632.28	BS32S6-100 10951.54	1	0	295
12	BS22P6-120 9779.41	BS22S6-120 12527.86	BS32P6-120 10755.21	BS32S6-120 13840.53	1	0	295

### PVC - Flanged Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	BS23P6-005 445.77	BS23S6-005 677.48	BS33P6-005 468.12	BS33S6-005 699.84	1	0	295
3/4	BS23P6-007 445.77	BS23S6-007 677.48	BS33P6-007 468.12	BS33S6-007 699.84	1	0	295
1	BS23P6-010 445.77	BS23S6-010 677.48	BS33P6-010 468.12	BS33S6-010 699.84	1	0	295
1-1/4	BS23P6-012 842.03	BS23S6-012 1150.96	BS33P6-012 946.95	BS33S6-012 1293.41	1	0	295
1-1/2	BS23P6-015 842.03	BS23S6-015 1126.73	BS33P6-015 946.95	BS33S6-015 1293.41	1	0	295
2	BS23P6-020 842.03	BS23S6-020 1150.96	BS33P6-020 946.95	BS33S6-020 1293.41	1	0	295
2-1/2	BS23P6-025 1545.52	BS23S6-025 2080.03	BS33P6-025 1736.66	BS33S6-025 2337.17	1	0	295

## Strainers & Filters Basket Strainers



### PVC - Flanged Ends (continued)

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>3</b>	BS23P6-030 <b>1962.23</b>	BS23S6-030 <b>2495.96</b>	BS33P6-030 <b>2204.74</b>	BS33S6-030 <b>2804.29</b>	1	0	295
<b>4</b>	BS23P6-040 <b>2557.34</b>	BS23S6-040 <b>3165.56</b>	BS33P6-040 <b>2873.57</b>	BS33S6-040 <b>3556.85</b>	1	0	295
<b>6</b>	BS23P6-060 <b>5458.09</b>	BS23S6-060 <b>6521.29</b>	BS33P6-060 <b>6132.66</b>	BS33S6-060 <b>7327.32</b>	1	0	295
<b>8</b>	BS23P6-080 <b>7192.60</b>	BS23S6-080 <b>8638.06</b>	BS33P6-080 <b>8081.84</b>	BS33S6-080 <b>9706.24</b>	1	0	295
<b>10</b>	BS23P6-100 <b>9589.24</b>	BS23S6-100 <b>11654.27</b>	BS33P6-100 <b>10774.48</b>	BS33S6-100 <b>13094.70</b>	1	0	295
<b>12</b>	BS23P6-120 <b>13121.45</b>	BS23S6-120 <b>15871.65</b>	BS33P6-120 <b>14743.20</b>	BS33S6-120 <b>17833.31</b>	1	0	295

### PVC - Spigot Ends

Size	EPDM Seals PVC Screen	EPDM Seals SS Screen	Viton® Seals PVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS27P6-005 <b>386.71</b>	BS27S6-005 <b>618.43</b>	BS37P6-005 <b>407.06</b>	BS37S6-005 <b>638.78</b>	1	0	295
<b>3/4</b>	BS27P6-007 <b>386.71</b>	BS27S6-007 <b>618.43</b>	BS37P6-007 <b>407.06</b>	BS37S6-007 <b>638.78</b>	1	0	295
<b>1</b>	BS27P6-010 <b>386.71</b>	BS27S6-010 <b>618.43</b>	BS37P6-010 <b>407.06</b>	BS37S6-010 <b>638.78</b>	1	0	295
<b>1-1/4</b>	BS27P6-012 <b>708.31</b>	BS27S6-012 <b>1016.26</b>	BS37P6-012 <b>795.65</b>	BS37S6-012 <b>1142.12</b>	1	0	295
<b>1-1/2</b>	BS27P6-015 <b>708.31</b>	BS27S6-015 <b>1016.26</b>	BS37P6-015 <b>795.65</b>	BS37S6-015 <b>1142.12</b>	1	0	295
<b>2</b>	BS27P6-020 <b>708.31</b>	BS27S6-020 <b>1016.26</b>	BS37P6-020 <b>795.65</b>	BS37S6-020 <b>1142.12</b>	1	0	295
<b>2-1/2</b>	BS27P6-025 <b>1339.59</b>	BS27S6-025 <b>1874.65</b>	BS37P6-025 <b>1505.88</b>	BS37S6-025 <b>2106.39</b>	1	0	295
<b>3</b>	BS27P6-030 <b>1634.47</b>	BS27S6-030 <b>2168.95</b>	BS37P6-030 <b>1836.53</b>	BS37S6-030 <b>2437.06</b>	1	0	295
<b>4</b>	BS27P6-040 <b>2164.52</b>	BS27S6-040 <b>2779.24</b>	BS37P6-040 <b>2432.03</b>	BS37S6-040 <b>3114.18</b>	1	0	295
<b>6</b>	BS27P6-060 <b>3090.12</b>	BS27S6-060 <b>4153.51</b>	BS37P6-060 <b>3472.16</b>	BS37S6-060 <b>4672.60</b>	1	0	295
<b>8</b>	BS27P6-080 <b>4118.85</b>	BS27S6-080 <b>5564.30</b>	BS37P6-080 <b>4628.90</b>	BS37S6-080 <b>6253.35</b>	1	0	295
<b>10</b>	BS27P6-100 <b>7893.20</b>	BS27S6-100 <b>9958.39</b>	BS37P6-100 <b>8632.28</b>	BS37S6-100 <b>10951.54</b>	1	0	295
<b>12</b>	BS27P6-120 <b>9779.41</b>	BS27S6-120 <b>12527.86</b>	BS37P6-120 <b>10755.21</b>	BS37S6-120 <b>13840.53</b>	1	0	295

### CPVC - Socket Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
<b>1/2</b>	BS22C6-005C <b>602.77</b>	BS22S6-005C <b>834.47</b>	BS32C6-005C <b>633.22</b>	BS32S6-005C <b>864.94</b>	1	2	297
<b>3/4</b>	BS22C6-007C <b>602.77</b>	BS22S6-007C <b>834.47</b>	BS32C6-007C <b>633.22</b>	BS32S6-007C <b>864.94</b>	1	2	297
<b>1</b>	BS22C6-010C <b>602.77</b>	BS22S6-010C <b>834.47</b>	BS32C6-010C <b>633.22</b>	BS32S6-010C <b>864.94</b>	1	2	297
<b>1-1/4</b>	BS22C6-012C <b>1137.49</b>	BS22S6-012C <b>1446.44</b>	BS32C6-012C <b>1278.56</b>	BS32S6-012C <b>1625.02</b>	1	0	297
<b>1-1/2</b>	BS22C6-015C <b>1137.49</b>	BS22S6-015C <b>1446.44</b>	BS32C6-015C <b>1278.56</b>	BS32S6-015C <b>1625.02</b>	1	0	297
<b>2</b>	BS22C6-020C <b>1137.49</b>	BS22S6-020C <b>1446.44</b>	BS32C6-020C <b>1278.56</b>	BS32S6-020C <b>1625.02</b>	1	0	297
<b>2-1/2</b>	BS22C6-025C <b>1863.49</b>	BS22S6-025C <b>2396.24</b>	BS32C6-025C <b>2093.68</b>	BS32S6-025C <b>2692.65</b>	1	0	297
<b>3</b>	BS22C6-030C <b>2416.10</b>	BS22S6-030C <b>2950.73</b>	BS32C6-030C <b>2714.79</b>	BS32S6-030C <b>3315.30</b>	1	0	297
<b>4</b>	BS22C6-040C <b>3210.39</b>	BS22S6-040C <b>3818.22</b>	BS32C6-040C <b>3607.85</b>	BS32S6-040C <b>4290.17</b>	1	0	297
<b>6</b>	BS22C6-060C <b>4242.99</b>	BS22S6-060C <b>5308.14</b>	BS32C6-060C <b>4767.46</b>	BS32S6-060C <b>5964.05</b>	1	0	297
<b>8</b>	BS22C6-080C <b>6057.05</b>	BS22S6-080C <b>7502.85</b>	BS32C6-080C <b>6805.74</b>	BS32S6-080C <b>8430.19</b>	1	0	297
<b>10</b>	BS22C6-100C <b>10632.43</b>	BS22S6-100C <b>12696.27</b>	BS32C6-100C <b>11946.62</b>	BS32S6-100C <b>14265.89</b>	1	0	297
<b>12</b>	BS22C6-120C <b>13501.78</b>	BS22S6-120C <b>16252.17</b>	BS32C6-120C <b>15170.49</b>	BS32S6-120C <b>18261.73</b>	1	0	297



## Strainers & Filters Basket Strainers

### CPVC - Flanged Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	BS23C6-005C 659.69	BS23S6-005C 891.39	BS33C6-005C 694.29	BS33S6-005C 926.00	1	0	297
3/4	BS23C6-007C 659.69	BS23S6-007C 891.39	BS33C6-007C 694.29	BS33S6-007C 926.00	1	0	297
1	BS23C6-010C 659.69	BS23S6-010C 891.39	BS33C6-010C 694.29	BS33S6-010C 926.00	1	0	297
1-1/4	BS23C6-012C 1282.83	BS23S6-012C 1589.62	BS33C6-012C 1441.21	BS33S6-012C 1786.13	1	0	297
1-1/2	BS23C6-015C 1282.83	BS23S6-015C 1589.62	BS33C6-015C 1441.21	BS33S6-015C 1786.13	1	0	297
2	BS23C6-020C 1282.83	BS23S6-020C 1589.62	BS33C6-020C 1441.21	BS33S6-020C 1786.13	1	0	297
2-1/2	BS23C6-025C 2434.77	BS23S6-025C 2968.45	BS33C6-025C 2735.01	BS33S6-025C 3335.52	1	2	297
3	BS23C6-030C 2894.94	BS23S6-030C 3620.37	BS33C6-030C 3252.76	BS33S6-030C 3853.24	1	0	297
4	BS23C6-040C 3790.70	BS23S6-040C 7828.53	BS33C6-040C 4259.38	BS33S6-040C 8795.88	1	0	297
6	BS23C6-060C 7279.80	BS23S6-060C 8343.96	BS33C6-060C 8179.96	BS33S6-060C 9375.20	1	0	297
8	BS23C6-080C 9417.57	BS23S6-080C 10863.60	BS33C6-080C 10582.02	BS33S6-080C 12206.45	1	0	297
10	BS23C6-100C 12787.71	BS23S6-100C 14851.00	BS33C6-100C 14367.89	BS33S6-100C 16687.16	1	0	297
12	BS23C6-120C 17494.56	BS23S6-120C 20244.01	BS33C6-120C 19656.97	BS33S6-120C 22749.03	1	0	297

### CPVC - Spigot Ends

Size	EPDM Seals CPVC Screen	EPDM Seals SS Screen	Viton® Seals CPVC Screen	Viton® Seals SS Screen	Std Pk	Mstr Pk	Disc Code
1/2	BS27C6-005C 602.77	BS27S6-005C 834.47	BS37C6-005C 633.22	BS37S6-005C 864.94	1	0	297
3/4	BS27C6-007C 602.77	BS27S6-007C 834.47	BS37C6-007C 633.22	BS37S6-007C 864.94	1	0	297
1	BS27C6-010C 602.77	BS27S6-010C 834.47	BS37C6-010C 633.22	BS37S6-010C 864.94	1	0	297
1-1/4	BS27C6-012C 1137.49	BS27S6-012C 1446.44	BS37C6-012C 1278.56	BS37S6-012C 1625.02	1	0	297
1-1/2	BS27C6-015C 1137.49	BS27S6-015C 1446.44	BS37C6-015C 1278.56	BS37S6-015C 1625.02	1	0	297
2	BS27C6-020C 1137.49	BS27S6-020C 1446.44	BS37C6-020C 1278.56	BS37S6-020C 1625.02	1	0	297
2-1/2	BS27C6-025C 1863.49	BS27S6-025C 2396.24	BS37C6-025C 2093.68	BS37S6-025C 2692.65	1	0	297
3	BS27C6-030C 2416.10	BS27S6-030C 2950.73	BS37C6-030C 2714.79	BS37S6-030C 3315.30	1	0	297
4	BS27C6-040C 3210.39	BS27S6-040C 3818.22	BS37C6-040C 3607.85	BS37S6-040C 4290.17	1	0	297
6	BS27C6-060C 4242.99	BS27S6-060C 5308.14	BS37C6-060C 4767.46	BS37S6-060C 5964.05	1	0	297
8	BS27C6-080C 6057.05	BS27S6-080C 7502.85	BS37C6-080C 6805.74	BS37S6-080C 8430.19	1	0	297
10	BS27C6-100C 10632.43	BS27S6-100C 12696.27	BS37C6-100C 11946.62	BS37S6-100C 14265.89	1	0	297
12	BS27C6-120C 13501.78	BS27S6-120C 16252.17	BS37C6-120C 15170.31	BS37S6-120C 18261.73	1	0	297

## Strainers & Filters Suction Strainers



Pressure Rating @ 73°F (23°C), Water  
50 psi

Maximum Service Temperature  
PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply

Suction Strainer is a special Basket Strainer design that reduces pressure drop, a critical element in suction line applications. While same-size (inlet/outlet) units are available, enlarged inlet on reducing sizes performs best in suction line applications. The internal Strainer Basket is bottom-drained for direct flushing through a 360° adjustable side mounted Discharge Valve Assembly (included). Bolt-on Bonnet is fitted with Top Sight-Glass.

Standard units listed have EPDM Seals and Stainless Steel 3/16" Perforated Screen (4-mesh). Contact Spears® for other Mesh Code or Elastomer seal options required.

### PVC Suction Strainer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### Flanged End

SS23BS4SG-040	<b>4</b>	1	0	295	2831.29
SS23BS4SG-420	<b>4X2</b>	1	0	295	2697.00
SS23BS4SG-421	<b>4X2-1/2</b>	1	0	295	2707.55
SS23BS4SG-422	<b>4X3</b>	1	0	295	2714.44
SS23BS4SG-060	<b>6</b>	1	0	295	3693.15
SS23BS4SG-532	<b>6X4</b>	1	0	295	3567.91
SS23BS4SG-080	<b>8</b>	1	0	295	4056.43
SS23BS4SG-582	<b>8X4</b>	1	0	295	3688.55
SS23BS4SG-585	<b>8X6</b>	1	0	295	3709.95
SS23BS4SG-100	<b>10</b>	1	0	295	4537.73
SS23BS4SG-626	<b>10X6</b>	1	0	295	4416.21
SS23BS4SG-628	<b>10X8</b>	1	0	295	4466.51
SS23BS4SG-120	<b>12</b>	1	0	295	4989.30
SS23BS4SG-668	<b>12X8</b>	1	0	295	4868.68
SS23BS4SG-670	<b>12X10</b>	1	0	295	4909.68

### Suction Strainer Stainless Steel Baskets

#### 3/16" Perforation

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SSS4-040	<b>4</b>	1	4	299	785.17
SSS4-060	<b>6</b>	1	2	299	835.29
SSS4-080	<b>8</b>	1	2	299	1046.74
SSS4-100	<b>10</b>	1	0	299	1137.77
SSS4-120	<b>12</b>	1	2	299	1394.84



## Expansion Joints Fabricated Expansion Joints

### Triple O-ring Sealed Telescoping Design Available with 6" and 12" Travel



- Compact Installation - Eliminates Need For Expansion Loops
- EPDM or Viton® Pressure O-ring Seal with Dual "Wiper" O-ring for Extended Life
- Support Piston Eliminates Binding, Minimizes Alignment Problems
- Excellent For Use as a Repair Coupling

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
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#### PVC Fabricated Expansion Joints 6" Travel with EPDM O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)  
14" 100 psi @ 73°F (23°C)

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
826-005X6	1/2	10	0	085	297.38
826-007X6	3/4	6	0	085	319.69
826-010X6	1	5	0	085	323.29
826-012X6	1-1/4	4	0	085	375.77
826-015X6	1-1/2	4	0	085	398.46
826-020X6	2	2	0	085	445.72
826-025X6	2-1/2	1	0	085	508.39
826-030X6	3	1	0	085	527.73
826-040X6	4	1	0	085	566.36
826-060X6	6	1	0	085	933.09
826-080X6	8	1	0	085	1284.60
826-100X6	10	1	0	085	1508.49
826-120X6	12	1	0	085	2672.86
826-140X6	14	1	0	085	3053.13

Viton® O-rings available on special order. Add a "V" preceding the dash (-) separator, e.g. 826V-005X6.

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
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#### CPVC Fabricated Expansion Joints 6" Travel with Viton® O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
826-005X6C	1/2	10	0	085	367.70
826-007X6C	3/4	6	0	085	402.36
826-010X6C	1	5	0	085	434.91
826-012X6C	1-1/4	4	0	085	456.80
826-015X6C	1-1/2	4	0	085	497.86
826-020X6C	2	2	0	085	630.85
826-025X6C	2-1/2	1	0	085	748.60
826-030X6C	3	1	0	085	869.66
826-040X6C	4	1	0	085	1282.63
826-060X6C	6	1	0	085	1378.79
826-080X6C	8	1	0	085	2615.53
826-100X6C	10	1	0	085	3339.03
826-120X6C	12	1	0	085	4429.50

EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X6C

#### PVC Fabricated Expansion Joints 12" Travel with EPDM O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)  
14" 100 psi @ 73°F (23°C)

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
826-005X12	1/2	10	0	085	334.50
826-007X12	3/4	6	0	085	353.77
826-010X12	1	5	0	085	423.93
826-012X12	1-1/4	4	0	085	540.47
826-015X12	1-1/2	4	0	085	429.18
826-020X12	2	2	0	085	506.27
826-025X12	2-1/2	1	0	085	850.53
826-030X12	3	1	0	085	654.06
826-040X12	4	1	0	085	734.77
826-060X12	6	1	0	085	1070.35
826-080X12	8	1	0	085	1435.01
826-100X12	10	1	0	085	1754.40
826-120X12	12	1	0	085	2810.05
826-140X12	14	1	0	085	3119.11

Viton® O-rings available on special order. Add a "V" preceding the dash (-) separator, e.g. 826V-005X12

#### CPVC Fabricated Expansion Joints 12" Travel with Viton® O-rings



1/2" - 2" 235 psi @ 73°F (23°C)  
2-1/2" - 12" 150 psi @ 73°F (23°C)

Part Number	Size	Std PK	Mstr Ctn	Disc Code	Price Each
826-005X12C	1/2	10	0	085	374.49
826-007X12C	3/4	6	0	085	429.46
826-010X12C	1	5	0	085	458.13
826-012X12C	1-1/4	4	0	085	726.24
826-015X12C	1-1/2	4	0	085	575.05
826-020X12C	2	2	0	085	734.02
826-025X12C	2-1/2	1	0	085	1111.23
826-030X12C	3	1	0	085	893.04
826-040X12C	4	1	0	085	1479.32
826-060X12C	6	1	0	085	1629.67
826-080X12C	8	1	0	085	3120.15
826-100X12C	10	1	0	085	3655.37

EPDM O-rings available on special order. Add an "E" preceding the dash (-) separator, e.g. 826E-005X12C

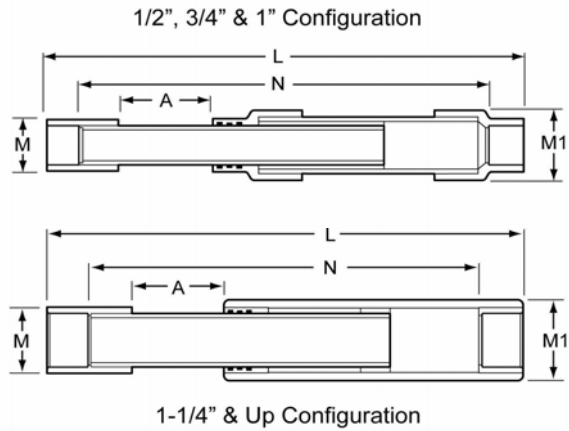


**Expansion Joints  
Fabricated Expansion Joints**



**EXPANSION JOINT  
REPAIR COUPLING  
(Soc x Soc)**

1/2" - 2" 235 psi @ 73°F (23°C)  
2- 1/2" - 12" 150 psi @ 73°F (23°C)  
14" 100 psi @ 73°F (23°C)  
NOTE: "A" = Midpoint of Extension



Part Number		Size	A	L	M	M1	N	Approx. Wt. (Lbs.)	
PVC	CPVC							PVC	CPVC
826-005X6	826-005X6C	1/2	3	13- 11/16	1- 9/32	1- 23/32	11- 15/16	.50	.55
826-007X6	826-007X6C	3/4	3	14- 13/16	1- 1/2	2- 1/16	12- 13/16	1.00	1.10
826-010X6	826-010X6C	1	3	15- 15/16	1- 23/32	2- 11/32	13- 11/16	1.00	1.10
826-012X6	826-012X6C	1- 1/4	3	15- 3/4	2- 7/32	2- 3/8	13- 3/8	1.50	1.65
826-015X6	826-015X6C	1- 1/2	3	16- 1/8	2- 11/32	2- 7/8	13- 7/16	2.00	2.20
826-020X6	826-020X6C	2	3	16- 15/16	2- 7/8	3- 1/2	13- 15/16	3.00	3.30
826-025X6	826-025X6C	2- 1/2	3	18- 7/8	4- 3/16	4- 1/2	14- 7/8	6.00	6.60
826-030X6	826-030X6C	3	3	18- 3/4	4- 3/16	4- 1/2	15- 1/4	6.00	6.60
826-040X6	826-040X6C	4	3	19- 3/4	5- 5/16	5- 9/16	15- 3/16	7.00	7.70
826-060X6	826-060X6C	6	3	22- 3/4	7- 11/16	8- 5/8	16- 3/4	26.50	29.15
826-080X6	826-080X6C	8	3	27- 1/4	9- 11/16	10- 3/4	19- 1/4	40.50	44.55
826-100X6	826-100X6C	10	3	35- 7/8	11- 13/16	12- 3/4	25- 7/8	67.00	73.70
826-120X6	826-120X6C	12	3	39- 1/2	14- 1/8	16	27- 1/2	134.00	147.40
826-140X6	---	14	3	49- 3/4	15- 5/8	16	34- 7/8	104.27	---

Part Number		Size	A	L	M	M1	N	Approx. Wt. (Lbs.)	
PVC	CPVC							PVC	CPVC
826-005X12	826-005X12C	1/2	6	16- 11/16	1- 9/32	1- 23/32	14- 15/16	.57	.63
826-007X12	826-007X12C	3/4	6	17- 13/16	1- 1/2	2- 1/16	15- 13/16	1.14	1.26
826-010X12	826-010X12C	1	6	18- 15/16	1- 23/32	2- 11/32	16- 11/16	1.14	1.26
826-012X12	826-012X12C	1- 1/4	6	18- 3/4	2- 7/32	2- 3/8	16- 3/8	1.71	1.88
826-015X12	826-015X12C	1- 1/2	6	19- 1/8	2- 11/32	2- 7/8	16- 7/16	2.28	2.51
826-020X12	826-020X12C	2	6	19- 15/16	2- 7/8	3- 1/2	16- 15/16	3.43	3.77
826-025X12	826-025X12C	2- 1/2	6	21- 7/8	4- 3/16	4- 1/2	17- 7/8	6.85	7.54
826-030X12	826-030X12C	3	6	21- 3/4	4- 3/16	4- 1/2	18- 1/4	6.85	7.54
826-040X12	826-040X12C	4	6	22- 3/4	5- 5/16	5- 9/16	18- 3/16	8.00	8.80
826-060X12	826-060X12C	6	6	25- 3/4	7- 11/16	8- 5/8	19- 3/4	30.27	33.30
826-080X12	826-080X12C	8	6	30- 1/4	9- 11/16	10- 3/4	22- 1/4	46.26	50.89
826-100X12	826-100X12C	10	6	38- 7/8	11- 13/16	12- 3/4	28- 7/8	76.53	84.19
826-120X12	---	12	6	42- 1/2	14- 1/8	16	30- 1/2	153.07	---
826-140X12	---	14	6	52- 3/4	15- 5/8	16	37- 7/8	159.00	---



## Expansion Joints Elastomer Expansion Joints

### PVC & CPVC Schedule 80 Elastomer Expansion Joint

Designed to allow for the expansion, contraction, lateral and angular movement of a piping system. Aids in noise and vibration dampening.



- Convenient, Double Union End Connections with Strong, Buttress Thread Union Nuts
- Internal Nylon Cord Reinforced Elastomer Bellows Tube
- Chemically Resistant Neoprene Elastomer with Optional EPDM Tube Available
- Double Spherical Arch Bellows Provides Improved Movement Capability
- Pressure rated to 150 psi @ 73°F (23°C)
- Suitable for Vacuum Service
- Available in Socket or Spears® Special Reinforced (SR) Female Plastic Thread End Connectors, IPS Sizes 3/4" through 3"

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### PVC Elastomer Expansion Joint with Neoprene Bellows Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ02-007	<b>3/4</b>	10	0	085	187.96
EJ02-010	<b>1</b>	10	0	085	213.12
EJ02-012	<b>1-1/4</b>	15	0	085	227.07
EJ02-015	<b>1-1/2</b>	10	0	085	279.55
EJ02-020	<b>2</b>	8	0	085	342.55
EJ02-025	<b>2-1/2</b>	4	0	085	484.59
EJ02-030	<b>3</b>	2	0	085	666.11

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### CPVC Elastomer Expansion Joint with EPDM Bellows Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ22-007C	<b>3/4</b>	10	0	085	195.59
EJ22-010C	<b>1</b>	10	0	085	223.17
EJ22-012C	<b>1-1/4</b>	15	0	085	243.85
EJ22-015C	<b>1-1/2</b>	10	0	085	298.73
EJ22-020C	<b>2</b>	8	0	085	372.84
EJ22-025C	<b>2-1/2</b>	4	0	085	544.83
EJ22-030C	<b>3</b>	2	0	085	740.05

#### PVC Elastomer Expansion Joint with EPDM Bellows Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ22-007	<b>3/4</b>	10	0	085	191.79
EJ22-010	<b>1</b>	10	0	085	217.45
EJ22-012	<b>1-1/4</b>	15	0	085	234.09
EJ22-015	<b>1-1/2</b>	10	0	085	284.39
EJ22-020	<b>2</b>	8	0	085	349.54
EJ22-025	<b>2-1/2</b>	4	0	085	494.46
EJ22-030	<b>3</b>	2	0	085	679.68

#### CPVC Elastomer Expansion Joint with EPDM Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007CSR	<b>3/4</b>	10	0	085	197.81
EJ21-010CSR	<b>1</b>	10	0	085	227.48
EJ21-012CSR	<b>1-1/4</b>	15	0	085	251.37
EJ21-015CSR	<b>1-1/2</b>	10	0	085	320.41
EJ21-020CSR	<b>2</b>	8	0	085	423.52
EJ21-025CSR	<b>2-1/2</b>	4	0	085	588.17
EJ21-030CSR	<b>3</b>	2	0	085	783.37

#### PVC Elastomer Expansion Joint with Neoprene Bellows SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ01-007SR	<b>3/4</b>	10	0	085	190.59
EJ01-010SR	<b>1</b>	10	0	085	217.05
EJ01-012SR	<b>1-1/4</b>	15	0	085	236.07
EJ01-015SR	<b>1-1/2</b>	10	0	085	301.37
EJ01-020SR	<b>2</b>	8	0	085	362.07
EJ01-025SR	<b>2-1/2</b>	4	0	085	527.64
EJ01-030SR	<b>3</b>	2	0	085	709.59

#### PVC Elastomer Expansion Joint with EPDM Bellows SR Fipt - Stainless Steel Collar



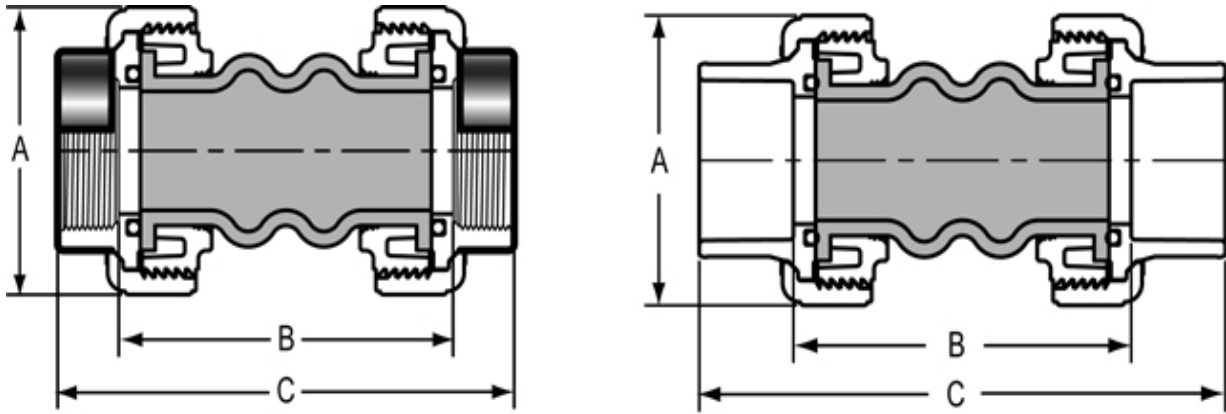
150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007SR	<b>3/4</b>	10	0	085	194.46
EJ21-010SR	<b>1</b>	10	0	085	221.48
EJ21-012SR	<b>1-1/4</b>	15	0	085	240.91
EJ21-015SR	<b>1-1/2</b>	10	0	085	307.50
EJ21-020SR	<b>2</b>	8	0	085	369.47
EJ21-025SR	<b>2-1/2</b>	4	0	085	535.41
EJ21-030SR	<b>3</b>	2	0	085	724.07

Expansion Joints  
Elastomer Expansion Joints



Technical Information



Dimensions

Size	A	B		C		MAXIMUM MOVEMENTS			
		Socket	Thread	Socket	Thread	COMPRESSION	EXTENSION	LATERAL	ANGULAR
3/4	2-1/4	6-3/8	6-3/8	8-3/8	7-13/16	7/8	1/4	7/8	35°
1	2-9/16	5-15/16	6	8-3/16	7-3/4	7/8	1/4	7/8	25°
1-1/4	3-1/8	6-1/16	6-1/16	8-9/16	7-15/16	7/8	1/4	7/8	25°
1-1/2	3-9/16	5-7/8	5-7/8	8-5/8	7-3/4	7/8	1/4	7/8	20°
2	4-3/16	5-7/16	5-7/16	8-7/16	7-3/8	7/8	1/4	7/8	15°
2-1/2	6-1/8	6-3/16	6-3/16	9-3/4	9	7/8	1/4	7/8	15°
3	6-1/8	6-3/16	6-3/16	10	9	7/8	1/4	7/8	15°



## Expansion Joints Repair Couplings

(S119) Socket x Socket



(S118) Spigot x Socket

- Multi-function Telescoping Design
- Socket x Socket Configuration for Pipe Repair or Use as a Short-Stroke Expansion Joint
- Spigot x Socket Configuration for Replacing Damaged Fittings
- Both Configurations can be Easily Modified for Opposite Use
- Available in PVC White and PVC Gray
- Double O-ring Seal in EPDM or genuine Viton®
- 1/2" - 2" Pressure Rated to 235 PSI @ 73°F (23°C)
- 2-1/2" - 4" Pressure Rated to 200 PSI @ 73°F (23°C)
- 6" Pressure Rated to 150 PSI @ 73°F (23°C)
- NSF® Certified for Potable Water Use

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC - Spig x Soc

PVC White with EPDM O-ring



Can be used as short-stroke Expansion Joint

S118-05	1/2	25	0	025	5.28
S118-07	3/4	30	0	025	6.00
S118-10	1	15	0	025	6.93
S118-12	1-1/4	23	0	025	13.05
S118-15	1-1/2	25	0	025	14.21
S118-20	2	12	0	025	21.98
S118-25	2-1/2	5	0	025	31.89
S118-30	3	4	0	025	39.84
S118-40	4	2	0	025	69.73
S118-60	6	1	0	025	170.62

### PVC - Soc x Soc (continued)

PVC White with EPDM O-ring

S119-25	2-1/2	5	0	025	31.89
S119-30	3	4	0	025	39.84
S119-40	4	2	0	025	69.73
S119-60	6	1	0	025	170.62

### PVC - Soc x Soc

PVC Gray with Viton® O-ring



Can be used as short-stroke Expansion Joint

S119V-05G	1/2	28	0	025	6.71
S119V-07G	3/4	24	0	025	7.65
S119V-10G	1	20	0	025	8.84
S119V-12G	1-1/4	10	0	025	16.62
S119V-15G	1-1/2	16	0	025	18.12
S119V-20G	2	10	0	025	28.03
S119V-25G	2-1/2	5	0	025	42.15
S119V-30G	3	4	0	025	52.65
S119V-40G	4	2	0	025	92.17
S119V-60G	6	1	0	025	249.22

### PVC - Spig x Soc

PVC Gray with EPDM O-ring



Can be used as short-stroke Expansion Joint

S118E-05G	1/2	25	0	025	6.14
S118E-07G	3/4	24	0	025	6.97
S118E-10G	1	15	0	025	8.07
S118E-12G	1-1/4	12	0	025	15.17
S118E-15G	1-1/2	25	0	025	16.52
S118E-20G	2	12	0	025	25.57
S118E-25G	2-1/2	5	0	025	37.51
S118E-30G	3	4	0	025	46.86
S118E-40G	4	2	0	025	82.04
S118E-60G	6	1	0	025	219.31

### PVC - Soc x Soc

PVC Gray with EPDM O-ring



Can be used as short-stroke Expansion Joint

S119E-05G	1/2	28	0	025	6.14
S119E-07G	3/4	24	0	025	6.97
S119E-10G	1	20	0	025	8.07
S119E-12G	1-1/4	10	0	025	15.17
S119E-15G	1-1/2	16	0	025	16.52
S119E-20G	2	10	0	025	25.57
S119E-25G	2-1/2	5	0	025	37.51
S119E-30G	3	4	0	025	46.86
S119E-40G	4	2	0	025	82.04
S119E-60G	6	1	0	025	219.31

### PVC - Spig x Soc

PVC Gray with Viton® O-ring



Can be used as short-stroke Expansion Joint

S118V-05G	1/2	25	0	025	6.71
S118V-07G	3/4	24	0	025	7.65
S118V-10G	1	15	0	025	8.84
S118V-12G	1-1/4	12	0	025	16.62
S118V-15G	1-1/2	25	0	025	18.12
S118V-20G	2	12	0	025	28.03
S118V-25G	2-1/2	5	0	025	42.15
S118V-30G	3	4	0	025	52.65
S118V-40G	4	2	0	025	92.17
S118V-60G	6	1	0	025	249.22

### PVC - Soc x Soc

PVC White with EPDM O-ring



Can be used as short-stroke Expansion Joint

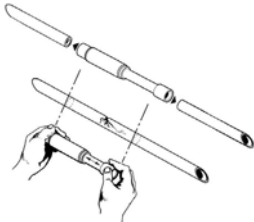
S119-05	1/2	30	0	025	5.28
S119-07	3/4	24	0	025	6.00
S119-10	1	20	0	025	6.93
S119-12	1-1/4	10	0	025	13.05
S119-15	1-1/2	16	0	025	14.21
S119-20	2	10	0	025	21.98

## Expansion Joints Repair Couplings

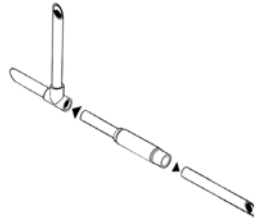


### Versatile Repair Capability

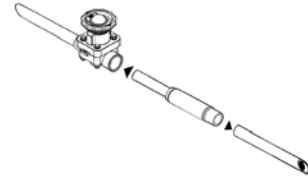
Spears® Repair Couplings provide a variety of system repair and alteration solutions. Use Socket x Socket configurations for quick pipe damage repair - can also be used as a short-stroke expansion joint to compensate for thermal expansion & contraction. Spigot x Socket configurations are excellent for lateral and riser add-ons, damaged fitting replacement, or for installing valves in existing piping systems. Order the wrong configuration? Simply cut coupling from Socket shaft end to function as a spigot or add a coupling to Spigot shaft end for Socket connections.



**Pipe Damage Repair  
Or Use as Expansion Joint**



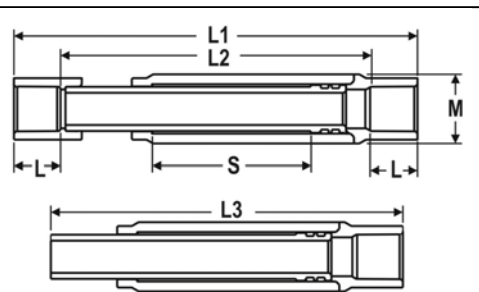
**Lateral Add-on Or Fitting Replacement**



**Valve Retrofit Installation**

### Dimensions

Size	L	L1	L2	L3	S	M
1/2	7/8	7-5/8	5-7/8	6-3/4	3	1-7/16
3/4	1	9-3/8	7-3/8	8-1/4	4	1-3/4
1	1-1/8	10-1/8	7-7/8	8-7/8	4	2-1/16
1-1/4	1-1/4	10-7/8	8-3/8	9-5/8	4	2-7/16
1-1/2	1-3/8	11-3/8	8-5/8	9-7/8	4	2-11/16
2	1-1/2	12-1/4	9-1/4	10-5/8	4	3-3/16
2-1/2	1-3/4	15-7/8	12-3/8	13-7/8	6	3-15/16
3	1-7/8	16-1/8	12-3/8	14-1/8	6	4-9/16
4	2-1/4	17-3/4	13-1/4	15-1/4	6	5-11/16
6	3	22	16	18-3/4	6	8-3/8



INSTALLATION NOTE: For expansion joint applications, install with unit 1/2 extended. System must be supported and blocked against thrusts and movement under pressure. May be installed with flow in either direction.



## Expansion Joints Short Repair Couplings

Space Saving, Compact Version of Standard Repair Coupling  
Requires 1/3 less Space

(SH119) Socket x Socket



(SH118) Spigot x Socket

- Compact Telescoping Design
- Socket x Socket Configuration for Pipe Repair or Use as a Short-Stroke Expansion Joint
- Spigot x Socket Configuration for Replacing Damaged Fittings
- Both Configurations can be Easily Modified for Opposite Use
- Available in PVC White, Sizes 1/2" - 2"
- EPDM Double O-ring Seal
- Pressure Rated to 235 PSI @ 73°F (23°C)
- NSF® Certified for Potable Water Use

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC - Spig x Soc PVC White with EPDM O-ring



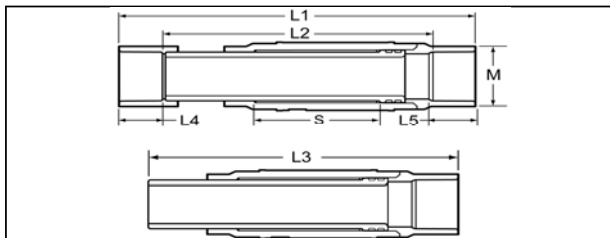
SH118-05	1/2	36	0	025	5.28
SH118-07	3/4	30	0	025	6.00
SH118-10	1	35	0	025	6.93
SH118-12	1-1/4	25	0	025	13.05
SH118-15	1-1/2	32	0	025	14.21
SH118-20	2	15	0	025	21.98

### PVC - Soc x Soc PVC White with EPDM O-ring



SH119-05	1/2	40	0	025	5.28
SH119-07	3/4	30	0	025	6.00
SH119-10	1	30	0	025	6.93
SH119-12	1-1/4	20	0	025	13.05
SH119-15	1-1/2	21	0	025	14.21
SH119-20	2	12	0	025	21.98

### Dimensions



Size	L1	L2	L3	L4	L5	S	M
1/2	5-7/8	4-5/16	4-15/16	7/8	3/4	2	1-7/16
3/4	6-9/16	4-3/4	5-7/16	1	13/16	2-1/4	1-3/4
1	6-13/16	4-3/4	5-9/16	1-1/8	15/16	2-3/16	2-1/16
1-1/4	7-15/16	5-11/16	6-5/8	1-1/4	1	2-1/2	2-7/16
1-1/2	8-1/4	5-13/16	6-3/4	1-3/8	1-1/8	2-13/16	2-11/16
2	10-1/16	7-3/8	8-5/16	1-1/2	1-3/16	3-1/8	3-1/4

INSTALLATION NOTE: For expansion joint applications, install with unit 1/2 extended. System must be supported and blocked against thrusts and movement under pressure. May be installed with flow in either direction.



# DWV PVC DWV Drain Waste Vent Fittings



## STANDARDS & SPECIFICATIONS

Standards provide greater assurance of product performance and consistency, and are available to assist design engineers in system specification. The most frequently referenced industry standards for plastic piping systems are ASTM Standard Specifications and Practices. Along with ASTM Standards, additional product specifications and certifications form the basis of product conformance to which Spears® products are manufactured.

- ASTM D 2665 Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings.
- ASTM D 3311 Drain, Waste, and Vent (DWV) Plastic Fittings Patterns.
- ASTM F 1866 Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings.
- ASTM D 1784 Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.



NSF® International Standard 14 (NSF®-dww) Certified  
NSF® International Certified to Uniform Plumbing Code (NSF®-U.P. Code)  
See official listing

Part Number	Size	Std Pk	Pltt Qty	Disc Code	Price Each
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### P100 Coupling H x H



P100-015	1-1/2	100	7200	051	.84
P100-020	2	100	3600	051	1.12
P100-030	3	60	840	051	4.10
P100-040	4	25	450	051	7.09
P100-060	6	5	175	051	23.04
P100-080	8	8	64	051	56.44
P100-100	10	1	36	052	114.93
P100-120	12	1	18	052	195.74
P100-140	14	1	12	052	300.10

### P101 Female Adapter FPT x H



P101-015	1-1/2	100	4800	051	1.67
P101-020	2	100	3500	051	2.82
P101-030	3	35	1260	051	7.60
P101-040	4	10	480	051	9.73
P101-060	6	10	180	051	32.70

### P102 Pipe Increaser - Reducer H x H



P102-251	2X1-1/2	25	4200	051	2.47
P102-337	3X1-1/2	25	1200	051	7.85
P102-338	3X2	20	960	051	6.02
P102-420	4X2	10	720	051	11.95
P102-422	4X3	20	720	051	12.71
3729-528*	6X2	1	120	390	100.74
3729-530*	6X3	1	120	390	99.16
P102-532	6X4	4	144	051	46.97
P102-582	8X4	2	96	051	71.56
P102-585	8X6	2	96	051	63.05
3729-624*	10X4	1	22	390	201.24
P102-626	10X6	1	36	052	293.71
3729-626*	10X6	1	32	390	187.54
P102-628	10X8	1	36	052	196.02
3729-628*	10X8	1	24	390	131.26
3729-661*	12X2	1	12	390	487.70
3729-663*	12X3	1	8	390	484.47
3729-664*	12X4	1	12	390	378.38
3729-666*	12X6	1	12	390	286.90
P102-668	12X8	1	16	052	299.34
3729-670*	12X10	1	18	390	191.07
3729-691*	14X2	1	18	390	713.19
3729-694*	14X4	1	18	390	608.91
3729-696*	14X6	1	18	390	589.49
3729-698*	14X8	1	18	390	426.71
3729-700*	14X10	1	18	390	360.39
3729-702*	14X12	1	16	390	320.05

\* Fabricated

Part Number	Size	Std Pk	Pltt Qty	Disc Code	Price Each
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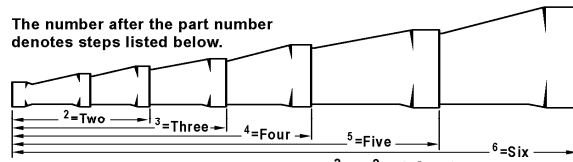
### Pipe Increaser - Eccentric Reducer H x H



P102-338E	3X2	20	300	051	17.56
3729-528E <sup>3*</sup>	6X2	1	72	390	97.94
3729-530E <sup>2*</sup>	6X3	1	48	390	90.21
3729-532E <sup>2</sup>	6X4	1	96	390	45.11
3729-580E <sup>3*</sup>	8X3	1	24	390	186.07
3729-582E <sup>2*</sup>	8X4	1	22	390	92.91
3729-585E <sup>*</sup>	8X6	1	32	390	75.11
3729-624E <sup>2*</sup>	10X4	1	12	390	212.45
3729-626E <sup>*</sup>	10X6	1	20	390	195.34
3729-628E <sup>*</sup>	10X8	1	24	390	184.17
3729-664E <sup>3*</sup>	12X4	1	8	390	396.38
3729-666E <sup>2*</sup>	12X6	1	12	390	325.70
3729-668E <sup>2*</sup>	12X8	1	12	390	215.98
3729-670E <sup>*</sup>	12X10	1	18	390	187.26

#### Eccentric Reducer Footnotes Multi-Step Configurations

The number after the part number denotes steps listed below.



Example: 3729-528E<sup>3</sup> (3 = 3 Step)

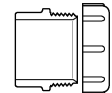
\* Fabricated

### P103 Trap Adapter - Male S x SLIP



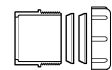
P103-015	1-1/2	50	5250	051	2.27
P103-020	2	25	4200	051	6.26

### P103P Trap Adapter - Male S x SLIP w/Plastic Nut - Built-in Washer



P103P-212	1-1/2X1-1/4	75	5400	051	2.59
P103P-015	1-1/2	50	5250	051	2.41
P103P-020	2	25	4200	051	8.30

### P103R Trap Adapter - Male with 1-1/2 Plastic Nut & Washer and 1-1/2 x1-1/4 Washer S x SLIP w/Plastic Nut



P103R-015	1-1/2	50	3600	051	2.49
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**DWV  
PVC DWV Drain Waste Vent Fittings**

Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P103X Trap Adapter-Male**  
S x SLIP w/Chrome Nut & Washer



P103X-212	1-1/2X1-1/4	100	7200	051	3.65
P103X-015	1-1/2	50	5250	051	3.27
P103X-020	2	25	4200	051	10.63

**P104 Trap Adapter - Female**  
H x SLIP



P104-015	1-1/2	50	8400	051	1.77
P104-020	2	50	3600	051	5.09

**P104P Trap Adapter - Female**  
H x SLIP w/Plastic Nut



P104P-212	1-1/2X1-1/4	50	5250	051	2.61
P104P-012	1-1/4	50	5250	051	3.33
P104P-015	1-1/2	50	5250	051	2.23

**P104R Trap Adapter - Female w/1-1/2 Plastic Nut & Washer and 1-1/2x1-1/4 Washer**  
H x SLIP w/Plastic Nut



P104R-015	1-1/2	50	3600	051	2.53
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**P104X Trap Adapter - Female**  
H x SLIP w/Chrome Nut & Washer



P104X-212	1-1/2X1-1/4	50	3600	051	3.65
P104X-015	1-1/2	50	3600	051	3.27
P104X-020	2	50	3600	051	7.14

**P000P HDPE Slip Joint Nut**  
(Plastic Nut)



P000P-015	1-1/2	350	16800	051	.78
P000P-020	2	450	13500	051	1.24
P000P-169	1-1/4X1-1/2	300	14400	051	1.34

**P105 Fitting Cleanout Adapter**  
S x FPT



P105-015	1-1/2	50	5250	051	1.91
P105-020	2	50	3600	051	2.70
P105-030	3	25	1200	051	7.63
P105-040	4	10	720	051	12.53
P105-060	6	10	180	051	33.56
P105-080	8	8	112	051	99.34

**P105H Female Cleanout Adapter**  
H x FPT



P105H-040	4	10	720	051	9.73
P105H-060	6	10	180	051	32.70

**P105X Fitting Cleanout Adapter w/C.O. Plug**  
S x FPT



P105X-015	1-1/2	50	5250	051	2.87
P105X-020	2	50	3600	051	3.93
P105X-030	3	25	900	051	7.96
P105X-040	4	10	480	051	14.41
P105X-060	6	10	180	051	41.54
P105X-080	8	8	112	051	124.12
3978-100	10	1	64	400	442.16

Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P105X Fitting Cleanout Adapter w/C.O. Plug (continued)**  
S x FPT

3978-120	12	1	32	400	617.33
3978-140	14	1	16	400	765.54

\* Fabricated - PVC Gray with HDPE Plug

**P106 Cleanout Plug**  
MPT



P106-015	1-1/2	50	12000	051	1.57
P106-020	2	50	8400	051	1.62
P106-025	2-1/2	50	5250	051	5.21
P106-030	3	25	2625	051	3.13
P106-040	4	30	2160	051	4.62
P106-060	6	10	1050	051	15.35
P106-080	8	12	576	051	80.00

**P107 Flush Bushing**  
S x H



<sup>1</sup>Outlet-sized with Bushing

P107-251	2X1-1/2	50	8400	051	1.52
P107-337	3X1-1/2	30	2520	051	7.33
P107-338	3X2	30	2520	051	3.35
P107-420	4X2	30	1080	051	12.78
P107-422	4X3	30	1080	051	6.52
P107-532	6X4	10	300	051	33.80
P107-582	8X4	3	144	051	66.82
P107-585	8X6	4	120	051	73.55
P107-624 <sup>1</sup>	10X4	2	60	052	149.65
P107-626 <sup>1</sup>	10X6	2	60	052	217.67
P107-628	10X8	4	56	052	242.62
P107-666 <sup>1</sup>	12X6	2	42	052	325.63
P107-668 <sup>1</sup>	12X8	1	42	052	335.06
P107-670	12X10	2	60	052	342.00

<sup>1</sup> Bushed

**P108 Flush Bushing (Cleanout Adapter)**  
S x FPT



P108-628	10X8	4	56	052	465.61
P108-668	12X8	1	30	052	676.37

**P108X Flush Bushing (Cleanout Adapter) w/Plug**  
S x FPT



P108X-628	10X8	1	56	052	685.14
P108X-668	12X8	1	30	052	1002.48

**P109 Male Adapter (Will not accept tail piece)**  
MPT x H



P109-015	1-1/2	50	5250	051	1.72
P109-020	2	50	3600	051	2.23
P109-030	3	25	1200	051	6.43
P109-040	4	25	900	051	14.23
P109-060	6	7	245	051	42.85

**P110 Flush C.O. Plug**  
MPT



P110-015	1-1/2	25	9600	051	6.35
P110-020	2	25	9600	051	5.31
P110-025	2-1/2	50	5250	051	6.67
P110-030	3	50	5250	051	6.15

**DWV  
PVC DWV Drain Waste Vent Fittings**



Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P110 Flush C.O. Plug (continued)**

MPT

P110-040	4	25	2400	051	6.03
P110-060	6	10	960	051	15.21

**P116 Cap  
SOC**



P116-015	1-1/2	20	7680	051	3.55
P116-020	2	15	5760	051	5.90
P116-030	3	10	1680	051	10.23
P116-040	4	5	840	051	14.62
P116-060	6	5	240	051	36.91
P116-080	8	3	90	051	110.59
3747-100*	10	1	108	390	111.14
3747-120*	12	1	70	390	140.35
3747-140*	14	1	44	390	238.65

Note: 8" Cap is Domed Style  
\* Fabricated

**P117 Adapter Coupling (Adapts S&D Spigot to DWV Spigot)**

H x H



P117-040	4	20	700	051	13.73
P117-422	4X3	20	600	051	10.45

**P118 Adapter Bushing (Adapts DWV Hub to S&D Spigot)**

DWV SPIGOT x HUB



P118-030	3	25	1800	051	5.05
P118-040	4	10	1050	051	5.46

**P119 No-Hub Adapter  
S x H**



P119-015	1-1/2	25	4200	051	9.53
P119-020	2	25	2625	051	4.63
P119-030	3	20	960	051	6.69
P119-040	4	15	720	051	8.61
P119-251	2X1-1/2	35	3675	051	9.04
P119-422	4X3	10	720	051	11.00

**P122 Spigot Adapter, Cast Iron  
H x H**



P122-040	4	15	210	051	17.86
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**P123 Hub Adapter, Cast Iron  
H x S**



P123-020	2	20	1440	051	7.50
P123-030	3	25	750	051	13.44
P123-040	4	10	350	051	23.50

**P123R Hub Adapter, Cast Iron, Increaser (Plain End: Joint can be made with compression gasket or plastic lead & seal rope - Do Not use hot lead)**



H x S

P123R-213	1-1/2X2	10	1680	051	8.59
P123R-342	3X4	10	350	051	15.85

**P130 Repair Coupling  
H x H**



P130-015	1-1/2	25	6000	051	4.84
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Made in the U.S.A.

Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P130 Repair Coupling (continued)**

H x H

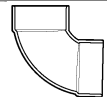
P130-020	2	25	2625	051	3.38
P130-030	3	10	960	051	8.53
P130-040	4	5	480	051	16.41
P130-060	6	5	175	051	60.31
P130-080	8	8	64	051	73.56
P130-100	10	1	36	052	159.27

**P131 Test Cap**



P131-015	1-1/2	100	38400	051	1.28
P131-020	2	100	24000	051	1.22
P131-030	3	50	8400	051	1.57
P131-040	4	100	4800	051	1.97

**P300 1/4 Bend  
H x H**



P300-015	1-1/2	100	3000	051	1.88
P300-020	2	50	1500	051	2.76
P300-030	3	25	350	051	8.57
P300-040	4	10	180	051	15.65
P300-060	6	4	56	051	57.51
P300-080	8	2	28	051	116.48
P300-100	10	1	12	052	311.38
P300-120	12	1	5	052	479.57

**P300S 1/4 Bend with Side Inlet  
ALL HUB**



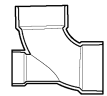
P300S-338	3X3X2	10	360	051	16.96
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**P302 1/4 Bend, Street  
S x H**



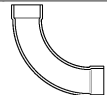
P302-015	1-1/2	100	3000	051	2.30
P302-020	2	50	1500	051	3.55
P302-030	3	20	360	051	8.81
P302-040	4	10	180	051	17.33
P302-060	6	4	56	051	80.11
P302-080	8	2	28	051	159.72
P302-100	10	1	12	052	310.05
P302-120	12	1	7	052	477.80

**P303 1/4 Bend w/Low Heel Inlet  
H x H x H**



P303-338	3X3X2	25	200	051	14.97
P303-420	4X4X2	6	180	051	29.54

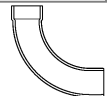
**P304 Long Sweep 1/4 Bend  
H x H**



P304-015	1-1/2	50	1750	051	4.30
P304-020	2	25	875	051	4.64
P304-030	3	10	300	051	10.67
P304-040	4	5	150	051	20.35
P304-060 <sup>1</sup>	6	5	35	051	78.34

<sup>1</sup> 6" size assembled from 2-Molded 1/8 Bends

**P309 Long Sweep 1/4 Bend, Street  
H x S**



P309-015	1-1/2	50	1750	051	5.68
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**DWV  
PVC DWV Drain Waste Vent Fittings**

Part Number	Size	Std Pk	Pltt Qty	Disc Code	Price Each
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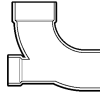
**P309 Long Sweep 1/4 Bend, Street (continued)**

H x S

P309-020	2	25	900	051	7.22
P309-030	3	20	280	051	19.85
P309-040	4	5	150	051	30.57
P309-060	6	5	35	051	141.31

**P310 1/4 Bend, Street w/Low Heel Inlet**

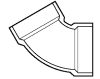
H x S x H



P310-338	3X3X2	15	270	051	26.80
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**P319 1/6 Bend**

H x H



P319-015	1-1/2	40	2880	051	3.37
P319-020	2	25	1200	051	4.49
P319-030	3	20	600	051	15.97
P319-040	4	10	180	051	22.70
3724-060*	6	1	32	390	121.24
3724-080*	8	1	16	390	172.98
3724-100*	10	1	16	390	289.87
3724-120*	12	1	6	390	379.79
3724-140*	14	1	4	390	696.16

\* Fabricated

**P320 1/6 Bend, Street**

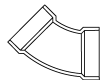
H x S



P320-015	1-1/2	40	2880	051	6.74
P320-020	2	25	1800	051	9.12
P320-030	3	20	360	051	21.37
P320-040	4	10	300	051	28.56

**P321 1/8 Bend**

H x H



P321-015	1-1/2	100	3000	051	1.72
P321-020	2	50	1500	051	2.65
P321-030	3	25	450	051	7.26
P321-040	4	15	270	051	12.47
P321-060	6	5	90	051	52.64
P321-080	8	1	36	051	104.62
P321-100	10	1	21	052	261.29
P321-120	12	1	12	052	359.54
3717-140*	14	1	6	390	486.55

\* Fabricated

**P323 1/8 Bend, Street**

H x S



P323-015	1-1/2	100	3600	051	1.74
P323-020	2	50	1800	051	2.67
P323-030	3	25	450	051	6.97
P323-040	4	10	300	051	11.29
P323-060	6	5	90	051	64.47
P323-080	8	1	36	051	113.55
3727-100*	10	1	22	390	199.80
3727-120*	12	1	10	390	280.61
3727-140*	14	1	12	390	486.55

\* Fabricated

**P324 1/16 Bend**

H x H



P324-015	1-1/2	50	3600	051	2.47
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Part Number	Size	Std Pk	Pltt Qty	Disc Code	Price Each
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**P324 1/16 Bend (continued)**

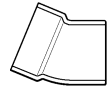
H x H

P324-020	2	25	1800	051	3.05
P324-030	3	20	720	051	7.83
P324-040	4	15	270	051	11.95
P324-060	6	3	105	051	71.87
P324-080	8	2	36	051	85.57
3716-100*	10	1	30	390	160.11
3716-120*	12	1	12	390	253.29
3716-140*	14	1	6	390	398.21

\* Fabricated

**P326 1/16 Bend, Street**

H x S

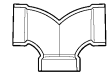


P326-015	1-1/2	50	3600	051	6.97
P326-020	2	25	1800	051	7.46
P326-030	3	20	720	051	11.74
P326-040	4	10	350	051	17.10
P326-060	6	5	90	051	69.61
P326-080	8	2	36	051	95.82
3742-100*	10	1	30	390	176.11
3742-120*	12	1	12	390	278.61
3742-140*	14	1	6	390	438.02

\* Fabricated

**P327 Double 1/4 Bend**

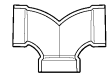
H x H x H



P327-015	1-1/2	20	1440	051	6.14
P327-020	2	25	875	051	8.59
P327-030	3	15	270	051	26.28
P327-040	4	6	108	051	36.27

**P327 Double 1/4 Bend, Reducing**

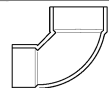
H x H x H



P327-241	2X1-1/2X1-1/2	25	1200	051	8.18
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**P329 Closet Bend, Reducing**

H x H



P329-342	3X4	10	300	051	13.45
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**P330 Closet Bend, Reducing**

H x S



P330-342	3X4	10	300	051	18.20
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**P330X Closet Bend, Reducing with TEST CAP**

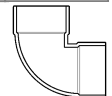
H x S



P330X-342	3X4	10	300	051	24.97
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**P331 Vent Ell**

H x H



P331-015	1-1/2	25	1800	051	3.59
P331-020	2	30	1440	051	5.01
P331-030	3	25	450	051	12.61
P331-040	4	10	180	051	31.71
P331-060	6	5	40	051	99.95
P331-080	8	2	28	051	104.16
P331-100	10	1	16	052	295.78
P331-120	12	1	12	052	455.63
3706-140*	14	1	2	390	494.47

**DWV  
PVC DWV Drain Waste Vent Fittings**



Part Number	Size	Std Pk	Plitt Qty	Disc Code	Price Each
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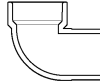
**P331 Vent Ell (continued)**

H x H

\* Fabricated

**P333 Vent Ell, Street**

H x S

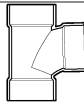


P333-015	1-1/2	25	2400	051	3.05
P333-020	2	20	1440	051	5.22
P333-030	3	25	450	051	13.71
P333-040	4	10	180	051	47.57
3709-060*	6	1	32	390	116.02
3709-080*	8	1	16	390	159.60
3709-100*	10	1	10	390	266.68
3709-120*	12	1	5	390	388.65
3709-140*	14	1	2	390	537.45

\* Fabricated

**P400 Sanitary Tee**

ALL HUB



P400-015	1-1/2	60	1800	051	3.23
P400-020	2	35	630	051	4.77
P400-030	3	30	240	051	12.21
P400-040	4	5	150	051	21.26
P400-060	6	6	42	051	92.81
P400-080	8	2	16	051	277.82
P400-100	10	1	7	052	727.96
P400-120	12	1	8	052	1014.83
3790-140*	14	1	2	390	1334.01

\* Fabricated

**P401 Sanitary Tee, Reducing**

ALL HUB



P401-241	2X1-1/2X1-1/2	25	875	051	4.18
P401-251	2X2X1-1/2	50	900	051	4.21
P401-257	2X1-1/2X2	25	875	051	5.06
P401-337	3X3X1-1/2	10	350	051	7.74
P401-338	3X3X2	10	350	051	9.12
P401-420	4X4X2	10	300	051	19.89
P401-422	4X4X3	10	180	051	27.02
3790-528*	6X2	1	32	390	99.06
3790-530*	6X3	1	32	390	108.76
P401-532	6X4	4	72	051	89.78
3790-578*	8X2	1	16	390	151.35
3790-580*	8X3	1	16	390	200.00
3790-582*	8X4	1	16	390	189.79
3790-585*	8X6	1	8	390	227.35
3790-621*	10X2	1	8	390	232.27
3790-623*	10X3	1	8	390	236.20
3790-624*	10X4	1	8	390	253.07
3790-626*	10X6	1	8	390	325.70
3790-628*	10X8	1	6	390	398.79
3790-661*	12X2	1	6	390	389.76
3790-663*	12X3	1	6	390	394.20
3790-664*	12X4	1	4	390	405.73
3790-666*	12X6	1	4	390	442.38
3790-668*	12X8	1	6	390	492.54
3790-670*	12X10	1	6	390	620.43
3790-691*	14X2	1	4	390	528.55
3790-693*	14X3	1	4	390	573.52
3790-694*	14X4	1	4	390	579.13
3790-696*	14X6	1	4	390	690.67
3790-698*	14X8	1	4	390	787.78
3790-700*	14X10	1	4	390	946.27
3790-702*	14X12	1	3	390	1115.56

Made in the U.S.A.

Part Number	Size	Std Pk	Plitt Qty	Disc Code	Price Each
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**P401 Sanitary Tee, Reducing (continued)**

ALL HUB

\* Fabricated

**P403 Sanitary Tee, Street**

S x H x H



P403-015	1-1/2	20	1440	051	8.73
P403-020	2	25	750	051	9.52
P403-030	3	30	210	051	15.84
P403-040	4	10	140	051	41.35
P403-060	6	4	32	051	84.12
P403-080	8	2	16	051	287.83
P403-100	10	1	10	052	806.54
P403-120	12	1	8	052	1208.03

**P404 Sanitary Tee, Street, Reducing**

S x H x H



P404-241	2X1-1/2X1-1/2	50	1500	051	7.95
P404-251	2X2X1-1/2	50	700	051	7.45
P404-257	2X1-1/2X2	50	900	051	7.20
P404-337	3X3X1-1/2	10	350	051	16.56
P404-338	3X3X2	10	350	051	15.64
P404-420	4X4X2	5	240	051	24.97
P404-422	4X4X3	5	150	051	27.98

**P416 Sanitary Tee with Left Side Inlet**

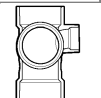
ALL HUB



P416-337	3X3X3X1-1/2	10	180	051	23.64
P416-338	3X3X3X2	10	180	051	22.77
P416-420	4X4X4X2	4	120	051	40.71

**P417 Sanitary Tee with Right Side Inlet**

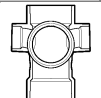
ALL HUB



P417-337	3X3X3X1-1/2	10	180	051	23.64
P417-338	3X3X3X2	10	180	051	22.77
P417-420	4X4X4X2	10	80	051	129.14

**P418 Sanitary Tee with R&L Side Inlets**

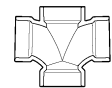
ALL HUB



P418-337	3X3X3X1-1/2	5	175	051	31.09
P418-338	3X3X3X2X2	5	90	051	30.12
P418-420	4X4X4X2X2	5	90	051	96.61

**P428 Double Sanitary Tee**

ALL HUB

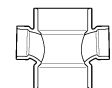


P428-015	1-1/2	25	1200	051	6.63
P428-020	2	25	750	051	9.72
P428-030	3	8	240	051	27.19
P428-040	4	6	108	051	43.72
3791-060*	6	1	6	390	200.39
3791-080*	8	1	5	390	319.55
3791-100*	10	1	3	390	570.72
3791-120*	12	1	6	390	828.51
3791-140*	14	1	2	390	1435.01

\* Fabricated

**P429 Double Sanitary Tee, Reducing**

ALL HUB



P429-251	2X2X1-1/2X1-1/2	25	900	051	7.33
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**DWV  
PVC DWV Drain Waste Vent Fittings**

Part Number	Size	Std Pk	Plitt Qty	Disc Code	Price Each
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**P429 Double Sanitary Tee, Reducing (continued)**

**ALL HUB**

P429-337	3X3X1-1/2X1-1/2	6	432	051	15.61
P429-338	3X3X2X2	10	300	051	16.41
P429-419	4X4X1-1/2X1-1/2	7	245	051	57.83
P429-420	4X4X2X2	7	245	051	36.17
P429-422	4X4X3X3	8	144	051	37.11
3791-528*	6X2	1	16	390	143.50
3791-530*	6X3	1	16	390	150.34
3791-532*	6X4	1	8	390	156.09
3791-578*	8X2	1	16	390	175.20
3791-580*	8X3	1	16	390	218.32
3791-582*	8X4	1	4	390	222.39
3791-585*	8X6	1	4	390	252.02
3791-621*	10X2	1	8	390	260.64
3791-623*	10X3	1	6	390	272.97
3791-624*	10X4	1	4	390	279.01
3791-626*	10X6	1	6	390	351.03
3791-628*	10X8	1	4	390	436.76
3791-661*	12X2	1	6	390	422.35
3791-663*	12X3	1	6	390	431.29
3791-664*	12X4	1	4	390	440.99
3791-666*	12X6	1	4	390	490.03
3791-668*	12X8	1	4	390	549.78
3791-670*	12X10	1	6	390	684.02
3791-691*	14X2	1	4	390	575.90
3791-693*	14X3	1	4	390	649.87
3791-694*	14X4	1	4	390	687.33
3791-696*	14X6	1	4	390	782.05
3791-698*	14X8	1	4	390	860.39
3791-700*	14X10	1	4	390	1018.26
3791-702*	14X12	1	3	390	1201.56

\* Fabricated

**P439 Double Sanitary Tee with R&L Side Inlets**

**ALL HUB**

P439-338	3X3X3X3X2X2	4	120	051	34.70
P439-420	4X4X4X4X2X2	4	72	051	48.35



**P441 Vent Tee**

**ALL HUB**

P441-015	1-1/2	25	1800	051	8.35
P441-020	2	25	900	051	7.09
P441-030	3	10	300	051	22.04
P441-040	4	5	175	051	29.19
P441-060	6	4	32	051	79.26
P441-080	8	2	28	051	204.09
P441-100	10	1	12	052	380.45
P441-120	12	1	10	052	632.46
3701-140*	14	1	4	390	916.36

\* Fabricated



**P442 Vent Tee, Reducing**

**ALL HUB**

P442-251	2X1-1/2	25	1200	051	8.55
3701-528*	6X2	1	40	390	95.67
3701-530*	6X3	1	24	390	100.49
P442-532	6X4	2	72	051	57.34
3701-578*	8X2	1	24	390	112.49
3701-580*	8X3	1	24	390	117.96
P442-582	8X4	2	36	051	63.06
P442-585	8X6	2	28	051	81.49
3701-621*	10X2	1	16	390	183.12
3701-623*	10X3	1	12	390	186.51



Part Number	Size	Std Pk	Plitt Qty	Disc Code	Price Each
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**P442 Vent Tee, Reducing (continued)**

**ALL HUB**

P442-624	10X4	1	12	052	242.91
P442-626	10X6	1	14	052	298.89
P442-628	10X8	1	12	052	337.17
3701-661*	12X2	1	12	390	244.48
3701-663*	12X3	1	8	390	248.09
P442-664	12X4	1	10	052	328.41
P442-666	12X6	1	10	052	375.01
P442-668	12X8	1	10	052	431.31
P442-670	12X10	1	10	052	514.65
3701-691*	14X2	1	12	390	387.72
3701-693*	14X3	1	8	390	429.13
3701-694*	14X4	1	12	390	478.43
3701-696*	14X6	1	6	390	561.48
3701-698*	14X8	1	6	390	669.44
3701-700*	14X10	1	6	390	760.96
3701-702*	14X12	1	4	390	900.20

\* Fabricated

**3701 Test Tee  
SOC x FPT with Plug**

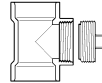


3701-060TEST*	6	1	48	390	390.56
3701-080TEST*	8	1	22	390	432.88
3701-100TEST*	10	1	11	390	636.22
3701-120TEST*	12	1	8	390	1083.50

\* Fabricated

**P444X Cleanout Tee w/C.O. Plug**

**H x H**



P444X-015	1-1/2	20	1440	051	8.19
P444X-020	2	10	720	051	9.46
P444X-030	3	10	350	051	18.07
P444X-040	4	10	180	051	28.43
P444X-060	6	2	70	051	144.32

**P445 Flush C.O. Tee**

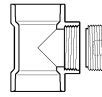
**H x H x FPT**



P445-015	1-1/2	20	2100	051	5.87
P445-020	2	25	1200	051	7.22
P445-030	3	10	360	051	14.41
P445-040	4	10	180	051	26.81
P445-060	6	3	54	051	90.04

**P445X Flush C.O. Tee w/C.O. Plug**

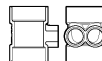
**H x H**



P445X-015	1-1/2	20	1440	051	7.67
P445X-020	2	10	1050	051	11.23
P445X-030	3	10	300	051	21.16
P445X-040	4	10	180	051	28.98
P445X-060	6	2	36	051	144.32

**P447 Horizontal Twin Tee**

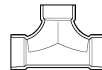
**ALL HUB**



P447-337	3X3X1-1/2X1-1/2	5	360	051	42.76
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**P448 2-WAY Cleanout**

**ALL HUB**



P448-030	3	12	216	051	29.13
P448-040	4	5	90	051	37.71

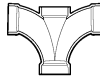


**DWV  
PVC DWV Drain Waste Vent Fittings**



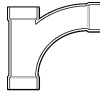
Part Number	Size	Std Pk	Plitt Qty	Disc Code	Price Each
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**P500 Double Fixture Fitting  
ALL HUB**



P500-020	<b>2X2X2X2</b>	10	360	051	16.53
P500-030	<b>3X3X3X3</b>	10	80	051	35.73
P500-241	<b>2X1-1/2X1-1/2X1-1/2</b>	20	600	051	18.20
P500-251	<b>2X2X1-1/2X1-1/2</b>	20	600	051	19.02
P500-338	<b>3X2X3X3</b>	10	80	051	35.38

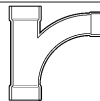
**P501 Combination Wye and 1/8 Bend (One Piece)  
ALL HUB**



P501-015	<b>1-1/2</b>	50	900	051	7.03
P501-020	<b>2</b>	20	600	051	8.37
P501-030	<b>3</b>	10	180	051	20.31
P501-040	<b>4</b>	8	96	051	36.12
3777-060"	<b>6</b>	1	20	390	187.79
3777-080"	<b>8</b>	1	8	390	299.47
3777-100"	<b>10</b>	1	8	390	534.88
3777-120"	<b>12</b>	1	3	390	776.48
3777-140"	<b>14</b>	1	2	390	1344.96

\* Fabricated

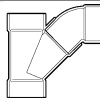
**P502 Combination Wye and 1/8 Bend, Reducing (One Piece)  
ALL HUB**



P502-251	<b>2X2X1-1/2</b>	20	700	051	10.11
P502-337	<b>3X3X1-1/2</b>	15	450	051	17.52
P502-338	<b>3X3X2</b>	10	180	051	13.43
P502-420	<b>4X4X2</b>	5	150	051	22.40
P502-422	<b>4X4X3</b>	5	90	051	27.29
3777-528"	<b>6X2</b>	1	32	390	136.86
3777-532"	<b>6X4</b>	1	22	390	146.30
3777-578"	<b>8X2</b>	1	16	390	164.21
3777-580"	<b>8X3</b>	1	8	390	204.62
3777-621"	<b>10X2</b>	1	16	390	244.27
3777-623"	<b>10X3</b>	1	8	390	255.84
3777-624"	<b>10X4</b>	1	8	390	261.50
3777-626"	<b>10X6</b>	1	4	390	328.98
3777-628"	<b>10X8</b>	1	8	390	409.35
3777-661"	<b>12X2</b>	1	4	390	395.85
3777-663"	<b>12X3</b>	1	4	390	404.21
3777-664"	<b>12X4</b>	1	6	390	413.31
3777-666"	<b>12X6</b>	1	12	390	459.26
3777-668"	<b>12X8</b>	1	6	390	515.24
3777-670"	<b>12X10</b>	1	6	390	641.06
3777-691"	<b>14X2</b>	1	4	390	595.62
3777-693"	<b>14X3</b>	1	4	390	609.07
3777-694"	<b>14X4</b>	1	4	390	644.16
3777-696"	<b>14X6</b>	1	4	390	732.94
3777-698"	<b>14X8</b>	1	4	390	806.37
3777-700"	<b>14X10</b>	1	4	390	954.32
3777-702"	<b>14X12</b>	1	4	390	1126.11

\* Fabricated

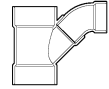
**P503 Combination Wye and 1/8 Bend (Two Piece)  
ALL HUB**



P503-030	<b>3</b>	10	180	051	22.78
P503-040	<b>4</b>	5	40	051	53.22
P503-060	<b>6</b>	4	28	051	165.15
P503-080	<b>8</b>	1	4	051	306.91
P503-100	<b>10</b>	1	4	052	1001.46
P503-120	<b>12</b>	0	0	052	1165.94

Part Number	Size	Std Pk	Plitt Qty	Disc Code	Price Each
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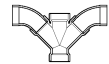
**P504 Combination Wye and 1/8 Bend, Reducing (Two Piece)  
ALL HUB**



P504-422	<b>4X3</b>	5	90	051	41.06
P504-530	<b>6X3</b>	5	40	051	166.16
P504-532	<b>6X4</b>	5	35	051	153.56
P504-580	<b>8X3</b>	2	16	051	167.94
P504-582"	<b>8X4</b>	2	16	051	186.03
P504-585	<b>8X6</b>	1	8	051	331.59
P504-623"	<b>10X3</b>	1	12	052	332.26
P504-624"	<b>10X4</b>	1	8	052	351.81
P504-626	<b>10X6</b>	1	8	052	442.41
P504-628	<b>10X8</b>	1	8	052	550.71
P504-664	<b>12X4</b>	1	4	052	547.13
P504-666	<b>12X6</b>	1	4	052	568.34
P504-668	<b>12X8</b>	1	6	052	692.98
P504-670"	<b>12X10</b>	1	6	052	1026.81

\* Bushed

**P507 Double Combination Wye and 1/8 Bend  
ALL HUB**



P507-015	<b>1-1/2</b>	10	350	051	19.34
P507-020	<b>2</b>	10	300	051	29.04
P507-030	<b>3</b>	10	80	051	56.32
P507-040	<b>4</b>	5	35	051	112.34
P507-251	<b>2X2X1-1/2X1-1/2</b>	20	360	051	25.70
P507-338	<b>3X3X2X2</b>	10	80	051	47.74
P507-420	<b>4X4X2X2</b>	5	70	051	91.03
P507-422	<b>4X4X3X3</b>	5	40	051	89.66
3792-060"	<b>6</b>	1	6	390	206.57
3792-080"	<b>8</b>	1	5	390	329.44
3792-100"	<b>10</b>	1	1	390	588.36
3792-120"	<b>12</b>	1	0	390	854.14
3792-140"	<b>14</b>	1	2	390	1479.39
3792-528"	<b>6X2</b>	1	24	390	147.94
3792-530"	<b>6X3</b>	1	24	390	155.01
3792-532"	<b>6X4</b>	1	8	390	160.94
3792-578"	<b>8X2</b>	1	16	390	180.64
3792-580"	<b>8X3</b>	1	8	390	225.07
3792-582"	<b>8X4</b>	1	4	390	229.28
3792-585"	<b>8X6</b>	1	5	390	259.81
3792-621"	<b>10X2</b>	1	16	390	268.68
3792-623"	<b>10X3</b>	1	8	390	281.41
3792-624"	<b>10X4</b>	1	4	390	287.64
3792-626"	<b>10X6</b>	1	4	390	361.88
3792-628"	<b>10X8</b>	1	4	390	450.29
3792-661"	<b>12X2</b>	1	4	390	435.41
3792-663"	<b>12X3</b>	1	6	390	444.63
3792-664"	<b>12X4</b>	1	12	390	454.63
3792-666"	<b>12X6</b>	1	6	390	505.19
3792-668"	<b>12X8</b>	1	6	390	566.78
3792-670"	<b>12X10</b>	1	3	390	705.18
3792-691"	<b>14X2</b>	1	4	390	593.71
3792-693"	<b>14X3</b>	1	4	390	669.99
3792-694"	<b>14X4</b>	1	4	390	708.57
3792-696"	<b>14X6</b>	1	4	390	806.23
3792-698"	<b>14X8</b>	1	4	390	887.02
3792-700"	<b>14X10</b>	1	4	390	1049.77
3792-702"	<b>14X12</b>	1	4	390	1238.71

\* Fabricated

**P515 Combination Wye and 1/8 Bend with Left Side Inlet  
ALL HUB**



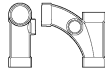
P515-338	<b>3X3X3X2</b>	10	140	051	41.74
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**DWV  
PVC DWV Drain Waste Vent Fittings**

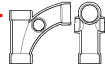
Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P516 Combination Wye and 1/8 Bend with Right Side Inlet**  
ALL HUB



P516-338	<b>3X3X3X2</b>	10	140	051	41.74
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**P517 Combination Wye and 1/8 Bend with R&L Side Inlets**  
ALL HUB



P517-338	<b>3X3X3X2</b>	10	80	051	46.87
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**P600 Wye**  
ALL HUB



P600-015	<b>1-1/2</b>	50	700	051	4.95
P600-020	<b>2</b>	25	750	051	5.80
P600-030	<b>3</b>	25	175	051	14.97
P600-040	<b>4</b>	8	144	051	27.72
P600-060	<b>6</b>	4	48	051	85.83
P600-080	<b>8</b>	1	12	051	199.95
P600-100	<b>10</b>	1	6	052	471.15
P600-120	<b>12</b>	1	4	052	765.37
3775-140*	<b>14</b>	1	4	390	1130.21

\* Fabricated

**P601 Wye, Reducing**  
ALL HUB



P601-241	<b>2X1-1/2X1-1/2</b>	25	875	051	8.19
P601-251	<b>2X2X1-1/2</b>	25	875	051	7.14
P601-257	<b>2X1-1/2X2</b>	10	480	051	11.21
P601-337	<b>3X3X1-1/2</b>	15	450	051	10.00
P601-338	<b>3X3X2</b>	12	360	051	11.31
P601-419	<b>4X4X1-1/2</b>	10	180	051	30.64
P601-420	<b>4X4X2</b>	10	180	051	15.48
P601-422	<b>4X4X3</b>	10	140	051	22.04
P601-528	<b>6X6X2</b>	5	40	051	86.40
P601-530	<b>6X6X3</b>	6	48	051	83.39
P601-532	<b>6X6X4</b>	5	40	051	63.09
P601-578	<b>8X8X2</b>	3	24	051	168.90
3775-580*	<b>8X3</b>	1	24	390	135.12
P601-582	<b>8X8X4</b>	2	28	051	155.29
P601-585	<b>8X8X6</b>	1	14	051	150.96
3775-621*	<b>10X2</b>	1	11	390	232.78
3775-623*	<b>10X3</b>	1	11	390	243.81
P601-624	<b>10X10X4</b>	1	12	052	268.38
P601-626	<b>10X10X6</b>	1	12	052	348.13
3775-626*	<b>10X6</b>	1	11	390	302.10
P601-628	<b>10X10X8</b>	1	10	052	411.96
3775-661*	<b>12X2</b>	1	6	390	276.96
3775-663*	<b>12X3</b>	1	6	390	287.62
3775-664*	<b>12X4</b>	1	6	390	297.46
P601-664	<b>12X12X4</b>	1	6	052	415.66
P601-666	<b>12X12X6</b>	1	6	052	453.84
3775-666*	<b>12X6</b>	1	6	390	354.46
P601-668	<b>12X12X8</b>	1	6	052	538.98
3775-668*	<b>12X8</b>	1	8	390	393.84
P601-670	<b>12X12X10</b>	1	6	052	603.57
3775-691*	<b>14X2</b>	1	4	390	562.29
3775-693*	<b>14X3</b>	1	4	390	589.71
3775-694*	<b>14X4</b>	1	4	390	599.59
3775-696*	<b>14X6</b>	1	4	390	647.17
3775-698*	<b>14X8</b>	1	4	390	740.59
3775-700*	<b>14X10</b>	1	4	390	791.64
3775-702*	<b>14X12</b>	1	4	390	1012.16
3775-756*	<b>16X6</b>	1	4	390	760.46
3775-786*	<b>18X6</b>	1	2	390	1151.20

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Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P601 Wye, Reducing (continued)**  
ALL HUB

3775-816*	<b>20X6</b>	1	3	390	1317.66
3775-906*	<b>24X6</b>	1	2	390	1805.89

\* Fabricated

**P602 Wye, Street**  
S x H x H



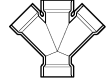
P602-015	<b>1-1/2</b>	50	1500	051	7.85
P602-020	<b>2</b>	30	540	051	9.33
P602-030	<b>3</b>	10	180	051	19.87
P602-040	<b>4</b>	10	80	051	39.37

**P603 Wye, Street, Reducing**  
S x H x H



P603-251	<b>2X2X1-1/2</b>	25	875	051	10.70
P603-420	<b>4X4X2</b>	10	180	051	43.41
P603-422	<b>4X4X3</b>	10	80	051	36.86

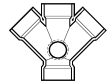
**P611 Double Wye**  
ALL HUB



P611-015	<b>1-1/2</b>	40	720	051	11.20
P611-020	<b>2</b>	20	600	051	12.06
P611-030	<b>3</b>	15	120	051	31.09
P611-040	<b>4</b>	5	70	051	63.04
P611-060	<b>6</b>	2	16	051	123.91
3776-080*	<b>8</b>	1	5	390	284.68
3776-100*	<b>10</b>	1	6	390	417.54
3776-120*	<b>12</b>	1	3	390	681.69
3776-140*	<b>14</b>	1	3	390	1209.11

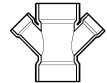
\* Fabricated

**P611S Double Wye, with 2" Side Inlet**  
ALL HUB



P611S-030	<b>3</b>	10	140	051	122.14
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**P612 Double Wye, Reducing**  
ALL HUB



P612-251	<b>2X2X1-1/2X1-1/2</b>	10	720	051	11.01
P612-337	<b>3X3X1-1/2X1-1/2</b>	10	300	051	21.98
P612-338	<b>3X3X2X2</b>	15	210	051	23.16
P612-420	<b>4X4X2X2</b>	5	150	051	37.81
P612-422	<b>4X4X3X3</b>	5	90	051	49.93
3776-528*	<b>6X2</b>	1	24	390	108.46
3776-530*	<b>6X3</b>	1	16	390	112.27
P612-532	<b>6X6X4X4</b>	5	35	051	126.10
3776-578*	<b>8X2</b>	1	16	390	155.00
3776-580*	<b>8X3</b>	1	8	390	165.60
3776-582*	<b>8X4</b>	1	8	390	172.62
3776-585*	<b>8X6</b>	1	4	390	217.97
3776-621*	<b>10X2</b>	1	4	390	220.64
3776-623*	<b>10X3</b>	1	4	390	230.53
3776-624*	<b>10X4</b>	1	8	390	242.07
3776-626*	<b>10X6</b>	1	4	390	299.47
3776-628*	<b>10X8</b>	1	4	390	362.61
3776-661*	<b>12X2</b>	1	4	390	298.66
3776-663*	<b>12X3</b>	1	4	390	308.48
3776-664*	<b>12X4</b>	1	4	390	315.39
3776-666*	<b>12X6</b>	1	4	390	375.43
3776-668*	<b>12X8</b>	1	4	390	479.21
3776-670*	<b>12X10</b>	1	3	390	613.50

**DWV  
PVC DWV Drain Waste Vent Fittings**



Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P612 Double Wye, Reducing (continued)**

**ALL HUB**

3776-691*	14X2	1	3	390	576.19
3776-693*	14X3	1	3	390	603.09
3776-694*	14X4	1	3	390	628.44
3776-696*	14X6	1	3	390	699.63
3776-698*	14X8	1	3	390	810.77
3776-700*	14X10	1	3	390	856.82
3776-702*	14X12	1	3	390	1109.67
3776-756*	16X6	1	3	390	847.78
3776-786*	18X6	1	4	390	1243.22
3776-816*	20X6	1	1	390	1459.83
3776-906*	24X6	1	1	390	1976.95

\* Fabricated

**P335 Trap Elbow (for use with Traps only)**

H x S



P335-030	3	30	540	051	13.71
P335-040	4	25	200	051	43.95

**P700 Return Bend**

H x H



P700-015	1-1/2	20	1440	051	4.96
P700-020	2	35	630	051	9.52
P700-030	3	8	240	051	26.46
P700-040	4	6	108	051	52.27
P700-060	6	2	28	051	115.19
P700-080	8	1	7	051	158.76

**P704P Tail Piece Adapter**

S x SLIP w/Plastic Nut - Built-in Washer



P704P-015	1-1/2	25	4200	051	3.37
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**P704X Tail Piece Adapter**

S x SLIP w/Chrome Nut & Washer



P704X-015	1-1/2	25	4200	051	4.78
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**P706X P-Trap**

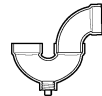
H x H



P706X-015	1-1/2	25	875	051	6.21
P706X-020	2	20	360	051	8.17
P706X-030	3	10	80	051	28.40
P706X-040	4	4	72	051	64.76
P706X-060	6	2	14	051	199.31
P706X-080	8	1	7	051	387.81
P706X-100	10	1	1	052	978.72
P706X-120	12	1	1	052	1334.12

**P707X P-Trap w/Cleanout**

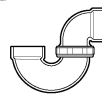
H x H



P707X-015	1-1/2	10	720	051	10.26
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**P708P Adjustable P-Trap w/Plastic Nut**

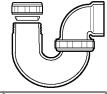
H x H



P708P-015	1-1/2	25	875	051	7.95
P708P-020	2	25	450	051	17.27

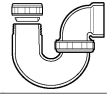
Part Number	Size	Std Pk	Pklt Qty	Disc Code	Price Each
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**P711P L.A. Pattern P-Trap w/Plastic Nut**  
SLIP x H w/Plastic Nut & Washer



P711P-169	1-1/4X1-1/2	25	750	051	13.54
P711P-015	1-1/2	25	750	051	13.54

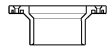
**P711X L.A. Pattern P-Trap w/Chrome Nut**  
SLIP x H w/Chrome Nut & Washer



P711X-015	1-1/2	25	900	051	15.83
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**P800 Closet Flange**

H



P800-422	4X3	25	750	051	7.29
P800-040	4X4	30	540	051	8.29

**P800G Closet Flange w/Gussets**

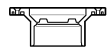
H



P800G-040	4	30	540	051	35.97
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**P800KO Closet Flange with Knockout**

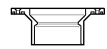
H



P800KO-422	4X3	25	750	051	8.48
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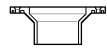
**P800S Closet Flange with Stop**

H



P800S-422	4X3	16	560	051	7.29
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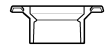
**P801 Closet Flange, Reducing**  
SPIGOT



P801-422	4X3	25	750	051	8.86
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**P811 Closet Flange w/Adjustable Metal Ring**

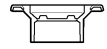
H



P811-040	4	30	540	051	20.19
P811-422	4X3	30	540	051	14.27

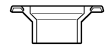
**P811KO Closet Flange w/Adjustable Metal Ring and Knockout**

H



P811KO-422	4X3	25	350	051	20.31
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**P812 Closet Flange w/Adjustable Metal Ring**  
SPIGOT



P812-040	4	25	450	051	22.02
P812-422	4X3	25	450	051	19.12

**P813 Flush Closet Flange w/Adjustable Metal Ring**

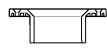
Fits Over 3" Pipe or Inside 4" Pipe



P813-422	4X3	25	750	051	19.12
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**P815 Flush Closet Flange**

Fits Over 3" Pipe or Inside 4" Pipe



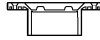
P815-040	4X4 / 4X3	25	750	051	14.02
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**DWV  
PVC DWV Drain Waste Vent Fittings**

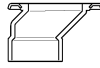
Part Number	Size	Std Pk	P/lt Qty	Disc Code	Price Each
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**P815KO Flush Closet Flange with Knockout**  
Fits Over 3" Pipe or Inside 4" Pipe



P815KO-040	<b>4X4 / 4X3</b>	25	750	051	13.57
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**P820 Offset Closet Flange w/Adjustable Metal Ring**  
(1-1/2" Offset) H



P820-422	<b>4X3</b>	15	450	051	25.21
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Uniform Plumbing Code does not accept offset closet flanges

**S119 Expansion Joint**

Soc x Soc - PVC White with EPDM O-ring



S119-15	<b>1-1/2</b>	16	768	025	14.21
S119-20	<b>2</b>	10	480	025	21.98
S119-25	<b>2-1/2</b>	5	225	025	31.89
S119-30	<b>3</b>	4	144	025	39.84
S119-40	<b>4</b>	2	70	025	69.73
S119-60	<b>6</b>	1	36	025	170.62

**826 Large Diameter Expansion Joint**

Soc x Soc - PVC Gray with EPDM O-ring



826-080X6	<b>8</b>	1	12	085	1284.60
826-100X6	<b>10</b>	1	12	085	1508.49
826-120X6	<b>12</b>	1	4	085	2672.86
826-140X6	<b>14</b>	1	4	085	3053.13

# DWV Sewer Disconnect



**Sewer Disconnect Application**  
**Requires Purchase of SDC-040 Body and SDCP-040 Plunger, Sold Separately.**



Screw-down Plunger installs in Body to provide temporary shut-off of Sewer line or to minimize sewage backup from sewer mains during flooding. Body accepts SDR-35 Sewer Pipe (or any ASTM D 3034 /D 2729 pipe), but can easily adapt to Schedule 40 drainage pipe using 4" IPS socket x Sewer spigot adapters, Spears® part no. 3729-04013XS.

Standpipe to grade can be easily fabricated from user-supplied SDR-35 Sewer Pipe or optionally from Schedule 40 drainage pipe with the addition of a 4" Schedule 40 DWV socket Coupling, Spears® part no. P100-040. For Closure, a 4" Sewer Cap, Spears® part no. 4047-040; or 4" Schedule 40 DWV Cap, Spears® part no. P116-040 can be used as applicable.

A T-handle extension for easy Plunger operation can also be fabricated from user supplied 1" Schedule 40 pipe and a Tee fitting, Spears® part no. 401-010. See installation instructions included with product for additional detail.

**Sewer Disconnect Body**

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
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**Sewer Socket X Sewer Socket. Requires Separate Purchase of SDCP-040 Plunger**

Requires Purchase of SDCP-040 Plunger

SDC-040	4	6	108	055	69.03
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**Sewer Disconnect Plunger**

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
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**For Use With Sewer Disconnect Body. Requires Separate Purchase of SDC-040 Body**

Requires Purchase of SDC-040 Body

SDCP-040	4	12	420	055	23.77
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## DWV Industrial PVC Backwater Valves

Backwater Valves are designed to prevent backflow in numerous applications where easy service access for maintenance and cleaning is needed. Excellent for use in sanitary or storm sewer drainage systems to prevent waste back up due to inadequate drainage, for balancing multi-level ponds, aquaculture features or storage tank systems, and many other applications. Spears® Backwater Valve has been engineered for improved function and easier service, especially in buried service with use of optional Service-Access Extension available either preassembled with valve or as an add-on kit.

- Replaceable internal flapper assembly with EPDM Seat.
- Service-Access Extension available either preassembled with valve, as an add-on kit, or as valve & extension kit components with user supplied pipe.
- Direct Connection to ASTM D 2665 PVC DWV or other IPS size pipe. Spears® fabricated IPS x Sewer Adapters or DWV x Sewer & Drain Adapter Bushings are available for connection to ASTM D 3034 & ASTM D 2729 Sewer pipe.
- Pressure Rated to 43 psi (100 feet of head) @ 73°F (23°C).
- All extension kits can be cut shorter for custom application.
- Conforms to ASME/ANSI A112.14.1 for Backwater Valves.

### PVC Backwater Valves



### PVC Backwater Valves Soc x Soc - Valve Only

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
S275P	<b>2</b>	1	3840	055	56.10
S375P	<b>3</b>	2	210	055	56.21
S475P	<b>4</b>	1	54	055	62.27
S675P	<b>6</b>	1	30	055	265.30

### PVC Backwater Valves with Extension Kit to Premade Length

#### Soc x Soc - Assembled with Extension (continued)

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
S375P-480 <sup>1</sup>	<b>3X48HT</b>	1	15	055	239.64
S475P-120 <sup>1</sup>	<b>4X12HT</b>	1	18	055	219.79
S475P-160 <sup>1</sup>	<b>4X16HT</b>	1	12	055	237.11
S475P-200 <sup>1</sup>	<b>4X20HT</b>	1	30	055	252.89
S475P-240 <sup>1</sup>	<b>4X24HT</b>	1	30	055	269.66
S475P-360 <sup>1</sup>	<b>4X36HT</b>	1	30	055	283.20
S475P-480 <sup>1</sup>	<b>4X48HT</b>	1	30	055	311.22
S675P-120 <sup>1</sup>	<b>6X12HT</b>	1	30	055	461.53
S675P-160 <sup>1</sup>	<b>6X16HT</b>	1	30	055	497.93
S675P-200 <sup>1</sup>	<b>6X20HT</b>	1	30	055	531.07
S675P-240 <sup>1</sup>	<b>6X24HT</b>	1	30	055	566.35
S675P-360 <sup>1</sup>	<b>6X36HT</b>	1	30	055	594.74
S675P-480 <sup>1</sup>	<b>6X48HT</b>	1	1	055	653.55

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

### PVC Backwater Valves with Extension Kit to Premade Length



### PVC Backwater Valves with Extension Kit to Premade Length

#### Soc x Soc - Assembled with Extension

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
S275P-120 <sup>1</sup>	<b>2X12HT</b>	1	98	055	169.21
S275P-160 <sup>1</sup>	<b>2X16HT</b>	1	98	055	182.01
S275P-200 <sup>1</sup>	<b>2X20HT</b>	1	98	055	194.80
S275P-240 <sup>1</sup>	<b>2X24HT</b>	1	98	055	207.60
S275P-360 <sup>1</sup>	<b>2X36HT</b>	1	98	055	218.04
S275P-480 <sup>1</sup>	<b>2X48HT</b>	1	98	055	239.64
S375P-120 <sup>1</sup>	<b>3X12HT</b>	1	36	055	169.21
S375P-160 <sup>1</sup>	<b>3X16HT</b>	1	15	055	182.01
S375P-200 <sup>1</sup>	<b>3X20HT</b>	1	15	055	194.80
S375P-240 <sup>1</sup>	<b>3X24HT</b>	1	15	055	207.60
S375P-360 <sup>1</sup>	<b>3X36HT</b>	1	15	055	218.04

### PVC Service-Access Extension Kit Only to Premade Length



**PVC Service-Access Extension Kit:** includes factory assembled internal flap assembly, assembly extension pipe, and external extension housing with top access adapter. Requires solvent cement assembly to existing valve and uses existing threaded Access Plug. Standard Extensions are available in convenient increments of 12", 16", 20", 24", 36", and 48" (measured from top of valve to top of extension). Contact Spears® for pricing on custom cut lengths. All extension kits can be cut shorter in the field for custom fits prior to cementing access adapter in place.

### PVC Service-Access Extension Kit Only to Premade Length

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
SAEK-020-120 <sup>1</sup>	<b>2X12HT</b>	1	65	055	52.77
SAEK-020-160 <sup>1</sup>	<b>2X16HT</b>	1	36	055	54.28
SAEK-020-200 <sup>1</sup>	<b>2X20HT</b>	1	5	055	55.72
SAEK-020-240 <sup>1</sup>	<b>2X24HT</b>	1	5	055	58.39
SAEK-020-360 <sup>1</sup>	<b>2X36HT</b>	1	5	055	61.15
SAEK-020-480 <sup>1</sup>	<b>2X48HT</b>	1	5	055	64.14
SAEK-030-120 <sup>1</sup>	<b>3X12HT</b>	1	65	055	57.23
SAEK-030-160 <sup>1</sup>	<b>3X16HT</b>	1	36	055	64.60



**DWW  
Industrial PVC Backwater Valves**



**PVC Service-Access Extension Kit Only to Premade Length (continued)**

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
SAEK-030-200 <sup>1</sup>	<b>3X20HT</b>	1	0	055	68.44
SAEK-030-240 <sup>1</sup>	<b>3X24HT</b>	1	49	055	77.13
SAEK-030-360 <sup>1</sup>	<b>3X36HT</b>	1	30	055	91.24
SAEK-030-480 <sup>1</sup>	<b>3X48HT</b>	1	30	055	107.91
SAEK-040-120 <sup>1</sup>	<b>4X12HT</b>	1	36	055	85.34
SAEK-040-160 <sup>1</sup>	<b>4X16HT</b>	1	0	055	96.21
SAEK-040-200 <sup>1</sup>	<b>4X20HT</b>	1	12	055	118.67
SAEK-040-240 <sup>1</sup>	<b>4X24HT</b>	1	12	055	129.95
SAEK-040-360 <sup>1</sup>	<b>4X36HT</b>	1	12	055	163.46
SAEK-040-480 <sup>1</sup>	<b>4X48HT</b>	1	12	055	188.71
SAEK-060-120 <sup>1</sup>	<b>6X12HT</b>	1	4	055	152.89
SAEK-060-160 <sup>1</sup>	<b>6X16HT</b>	1	0	055	173.77
SAEK-060-200 <sup>1</sup>	<b>6X20HT</b>	1	0	055	197.04
SAEK-060-240 <sup>1</sup>	<b>6X24HT</b>	1	6	055	226.07
SAEK-060-360 <sup>1</sup>	<b>6X36HT</b>	1	6	055	280.62
SAEK-060-480 <sup>1</sup>	<b>6X48HT</b>	1	5	055	348.34

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

**PVC Backwater Valve Extension Components Only**



**PVC Backwater Valve Extension Components Only  
Must be assembled with user supplied pipe (see Table 1)**

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
S275P-ECK	<b>2</b>	1	240	055	44.01
S375P-ECK	<b>3</b>	1	168	055	44.01
S475P-ECK	<b>4</b>	1	72	055	57.35
S675P-ECK	<b>6</b>	1	48	055	120.49

**PVC Backwater Valve with Extension Components**



**PVC Backwater Valve with Extension Components  
Soc x Soc - Components  
Must be assembled with user supplied pipe (see Table 1)**

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
S275P-AK	<b>2</b>	1	240	055	82.65
S375P-AK	<b>3</b>	1	105	055	82.65
S475P-AK	<b>4</b>	1	36	055	96.68
S675P-AK	<b>6</b>	1	14	055	342.36

**Table 1: User Supplied Pipe Requirements  
For Use With Extension Components**

Valve Size	Riser Pipe Type Options	Sleeve Pipe Type Options
2"	4" Class 125 PVC 4" Sch 40 PVC	2" Class 125 PVC 2" Sch 40 PVC
3"	5" Class 125 PVC 5" Sch 40 PVC 6" D3034 (SDR 35) PVC Sewer Pipe	4" Class 125 PVC 4" Sch 40 PVC
4"	8" Class 125 PVC 8" Sch 40 PVC	5" Class 125 PVC 5" Sch 40 PVC 6" D3034 (SDR 35) PVC Sewer Pipe
6"	10" Class 125 PVC 10" Sch 40 PVC	8" Class 125 PVC 8" Sch 40 PVC

Note: Sch 80 PVC pipe may also be used, except for 3" Riser or 2" Sleeve. ABS pipe may also be used. However, special cement for joining ABS to PVC must be used.

**Industrial Backwater Valve Flapper Repair Kit**



**Industrial Backwater Valve Flapper Repair Kit**

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
Complete Flapper Assembly replacement					
S275P-FRK	<b>2</b>	1	1680	055	32.76
S375P-FRK	<b>3</b>	1	1050	055	41.31
S475P-FRK	<b>4</b>	1	720	055	48.11
S675P-FRK	<b>6</b>	1	240	055	85.67



DWV  
Industrial PVC Backwater Valves

PVC Backwater Valve Metric Adapters



PVC Backwater Valve Metric Adapters

Part Number	Size	Std Pk	Pllt Qty	Disc Code	Price Each
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Metric Socket x ASTM Spigot

S275MA-063	<b>63mm X2</b>	50	2400	055	14.52
S375MA-090	<b>90mm X3</b>	25	750	055	15.60
S475MA-110	<b>110mm X4</b>	10	480	055	18.48
S675MA-160	<b>160mm X6</b>	4	120	055	42.65

**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

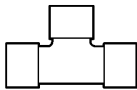


Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

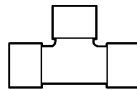
**TEE (Soc x Soc x Soc)**

6	3701-060 <b>110.71</b>	3901-060 <b>192.55</b>
6X2	3701-528' <b>95.67</b>	3901-528 <b>143.46</b>
6X3	3701-530' <b>100.49</b>	3901-530 <b>150.21</b>
6X4	3701-532 <b>105.11</b>	3901-532 <b>155.95</b>
8	3701-080 <b>180.35</b>	3901-080 <b>305.62</b>
8X2	3701-578' <b>112.49</b>	3901-578 <b>200.93</b>
8X3	3701-580' <b>117.96</b>	3901-580 <b>226.39</b>
8X4	3701-582 <b>121.17</b>	3901-582 <b>231.44</b>
8X6	3701-585 <b>131.48</b>	3901-585 <b>240.28</b>
10	3701-100 <b>350.77</b>	3901-100 <b>476.69</b>
10X2	3701-621' <b>183.12</b>	3901-621 <b>283.51</b>
10X3	3701-623' <b>186.51</b>	3901-623 <b>308.79</b>
10X4	3701-624 <b>191.07</b>	3901-624 <b>349.32</b>
10X6	3701-626 <b>233.56</b>	3901-626 <b>426.85</b>
10X8	3701-628 <b>313.11</b>	3901-628 <b>447.31</b>
12	3701-120 <b>466.17</b>	3901-120 <b>656.79</b>
12X2	3701-661' <b>244.48</b>	3901-661 <b>351.10</b>
12X3	3701-663' <b>248.09</b>	3901-663 <b>409.17</b>
12X4	3701-664 <b>254.33</b>	3901-664 <b>464.87</b>
12X6	3701-666 <b>295.40</b>	3901-666 <b>540.86</b>
12X8	3701-668 <b>352.84</b>	3901-668 <b>595.50</b>
12X10	3701-670 <b>402.07</b>	3901-670 <b>603.30</b>
14	3701-140' <b>916.36</b>	3901-140 <b>1179.59</b>
14X2	3701-691' <b>387.72</b>	3901-691 <b>621.73</b>
14X3	3701-693' <b>429.13</b>	3901-693 <b>695.59</b>
14X4	3701-694' <b>478.43</b>	3901-694 <b>765.55</b>
14X6	3701-696' <b>561.48</b>	3901-696 <b>898.39</b>
14X8	3701-698' <b>669.44</b>	3901-698 <b>1076.36</b>
14X10	3701-700' <b>760.96</b>	3901-700 <b>1132.32</b>
14X12	3701-702' <b>900.20</b>	3901-702 <b>1143.32</b>
16	3701-160 <b>1297.13</b>	3901-160 <b>1858.31</b>
16X2	3701-751 <b>552.88</b>	3901-751 <b>797.09</b>
16X3	3701-753 <b>558.94</b>	3901-753 <b>881.66</b>
16X4	3701-754 <b>593.33</b>	3901-754 <b>949.27</b>
16X6	3701-756 <b>641.80</b>	3901-756 <b>1026.80</b>
16X8	3701-758 <b>751.34</b>	3901-758 <b>1202.80</b>
16X10	3701-760 <b>944.45</b>	3901-760 <b>1346.67</b>



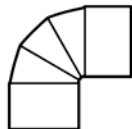
**TEE (Soc x Soc x Soc) (continued)**

16X12	3701-762 <b>1072.44</b>	3901-762 <b>1707.23</b>
16X14	3701-764 <b>1272.74</b>	3901-764 <b>1765.37</b>
18	3701-180 <b>1612.00</b>	3901-180 <b>2006.31</b>
18X4	3701-784 <b>947.53</b>	3901-784 <b>1101.71</b>
18X6	3701-786 <b>962.53</b>	3901-786 <b>1246.67</b>
18X8	3701-788 <b>1002.03</b>	3901-788 <b>1293.34</b>
18X10	3701-790 <b>1129.40</b>	3901-790 <b>1306.93</b>
18X12	3701-792 <b>1203.17</b>	3901-792 <b>1606.62</b>
18X14	3701-794 <b>1290.49</b>	3901-794 <b>1847.55</b>
18X16	3701-796 <b>1385.13</b>	3901-796 <b>1887.88</b>
20	3701-200 <b>2146.70</b>	3901-200 <b>2887.18</b>
20X4	3701-814 <b>1145.17</b>	3901-814 <b>1529.59</b>
20X6	3701-816 <b>1211.77</b>	3901-816 <b>1724.96</b>
20X8	3701-818 <b>1280.45</b>	3901-818 <b>2118.45</b>
20X10	3701-820 <b>1374.15</b>	3901-820 <b>2188.67</b>
20X12	3701-822 <b>1455.04</b>	3901-822 <b>2311.86</b>
20X14	3701-824 <b>1570.19</b>	3901-824 <b>2514.57</b>
20X16	3701-826 <b>1672.01</b>	3901-826 <b>2560.44</b>
20X18	3701-828 <b>1844.28</b>	3901-828 <b>2768.27</b>
24	3701-240 <b>2674.43</b>	3901-240 <b>3463.00</b>
24X4	3701-904 <b>1576.88</b>	3901-904 <b>1896.26</b>
24X6	3701-906 <b>1657.51</b>	3901-906 <b>2138.54</b>
24X8	3701-908 <b>1758.49</b>	3901-908 <b>2313.36</b>
24X10	3701-910 <b>1857.78</b>	3901-910 <b>2517.20</b>
24X12	3701-912 <b>1957.64</b>	3901-912 <b>2648.74</b>
24X14	3701-914 <b>2091.70</b>	3901-914 <b>2936.91</b>
24X16	3701-916 <b>2212.46</b>	3901-916 <b>3030.54</b>
24X18	3701-918 <b>2403.67</b>	3901-918 <b>3178.38</b>
24X20	3701-920 <b>2580.67</b>	3901-920 <b>3324.62</b>



**90° ELBOW (Soc x Soc)**

6	3706-060 <b>109.30</b>	3906-060 <b>141.49</b>
8	3706-080 <b>151.84</b>	3906-080 <b>237.64</b>
10	3706-100 <b>240.02</b>	3906-100 <b>469.12</b>
12	3706-120 <b>369.21</b>	3906-120 <b>684.10</b>
14	3706-140' <b>494.47</b>	3906-140 <b>1006.52</b>
16	3706-160 <b>733.28</b>	3906-160 <b>1251.81</b>
18	3706-180 <b>1090.59</b>	3906-180 <b>1611.51</b>



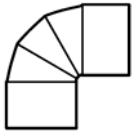


**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

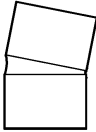
Size	SCH 40 LOW PR	SCH 80 LOW PR
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

Size	SCH 40 DWV	SCH 80 DWV
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

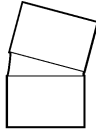
**90° ELBOW (Soc x Soc) (continued)**

	20	3706-200 1226.65	3906-200 1900.03
	24	3706-240 1533.97	3906-240 2842.99

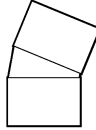
**11-1/4° ELBOW (Soc x Soc)**

	4	3711-040 39.07	3911-040 53.13
	6	3711-060 62.77	3911-060 99.33
	8	3711-080 106.11	3911-080 162.59
	10	3711-100 160.11	3911-100 288.16
	12	3711-120 253.29	3911-120 421.16
	14	3711-140 398.21	3911-140 644.76
	16	3711-160 542.83	3911-160 861.86
	18	3711-180 607.52	3911-180 1112.61
	20	3711-200 805.84	3911-200 1426.34
24	3711-240 1440.68	3911-240 1632.63	


**15° ELBOW (Soc x Soc)**

	4	3718-040 39.07	3918-040 53.13
	6	3718-060 62.77	3918-060 99.33
	8	3718-080 106.11	3918-080 162.59
	10	3718-100 160.11	3918-100 288.16
	12	3718-120 253.29	3918-120 421.16
	14	3718-140 398.21	3918-140 644.76
	16	3718-160 542.83	3918-160 861.86
	18	3718-180 607.52	3918-180 1112.61
	20	3718-200 805.84	3918-200 1426.34
24	3718-240 1440.68	3918-240 1632.63	

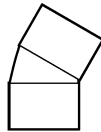
**22-1/2° ELBOW (Soc x Soc)**

	4	3716-040 39.07	3916-040 53.13
	6	3716-060 62.77	3916-060 99.33
	8	3716-080 106.11	3916-080 162.59
	10	3716-100 160.11	3916-100 288.16
	12	3716-120 253.29	3916-120 421.16
	14	3716-140 398.21	3916-140 644.76
	16	3716-160 542.83	3916-160 861.86
	18	3716-180 651.90	3916-180 1112.61
	20	3716-200 805.84	3916-200 1426.34
24	3716-240 1440.68	3916-240 1632.63	


**22-1/2° STREET ELL (Spig x Soc)**

	6	3742-060 69.04	3942-060 109.23
	8	3742-080 116.71	3942-080 178.84
	10	3742-100 176.11	3942-100 316.99
	12	3742-120 278.61	3942-120 463.29
	14	3742-140 438.02	3942-140 709.24
	16	3742-160 431.09	3942-160 948.04
	18	3742-180 717.09	3942-180 1222.30
	20	3742-200 1092.49	3942-200 1679.19
	24	3742-240 1694.91	3942-240 1921.16


**30° ELBOW (Soc x Soc)**

	4	3715-040 39.07	3915-040 53.13
	6	3715-060 62.77	3915-060 99.33
	8	3715-080 106.11	3915-080 162.59
	10	3715-100 160.11	3915-100 288.16
	12	3715-120 253.29	3915-120 421.16
	14	3715-140 398.21	3915-140 644.76
	16	3715-160 542.83	3915-160 861.86
	18	3715-180 651.90	3915-180 1112.61
	20	3715-200 805.84	3915-200 1426.34
24	3715-240 1440.68	3915-240 1632.63	

**45° ELBOW (Soc x Soc)**

	4	3717-040 95.45	3917-040 116.79
	6	3717-060 101.45	3917-060 166.47
	8	3717-080 121.48	3917-080 178.88
	10	3717-100 199.80	3917-100 327.68
	12	3717-120 280.61	3917-120 468.44
	14	3717-140 486.55	3917-140 673.20
	16	3717-160 600.76	3917-160 871.77
	18	3717-180 693.29	3917-180 1179.26
	20	3717-200 946.62	3917-200 1481.21
24	3717-240 1257.83	3917-240 1743.77	

**45° STREET ELL (Spig x Soc)**

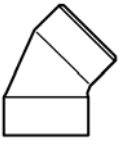
	4	3727-040 95.45	3927-040 116.79
	6	3727-060 101.45	3927-060 166.47
	8	3727-080 121.48	3927-080 178.88
	10	3727-100 199.80	3927-100 327.68
	12	3727-120 280.61	3927-120 468.44
	14	3727-140 486.55	3927-140 673.20

**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

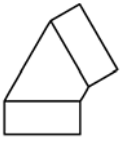


Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

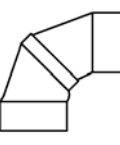
**45° STREET ELL (Spig x Soc) (continued)**

	16	3727-160 <b>600.76</b>	3927-160 <b>871.77</b>
	18	3727-180 <b>693.29</b>	3927-180 <b>1179.26</b>
	20	3727-200 <b>946.62</b>	3927-200 <b>1481.21</b>
	24	3727-240 <b>1257.83</b>	3927-240 <b>1743.77</b>

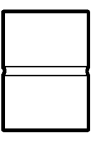
**60° ELBOW (Soc x Soc)**

	6	3724-060' <b>121.24</b>	3924-060 <b>176.85</b>
	8	3724-080' <b>172.98</b>	3924-080 <b>297.10</b>
	10	3724-100' <b>289.87</b>	3924-100 <b>556.88</b>
	12	3724-120' <b>379.79</b>	3924-120 <b>819.63</b>
	14	3724-140' <b>696.16</b>	3924-140 <b>1191.02</b>
	16	3724-160 <b>846.39</b>	3924-160 <b>1447.14</b>
	18	3724-180 <b>1087.36</b>	3924-180 <b>1611.51</b>
	20	3724-200 <b>1159.96</b>	3924-200 <b>1900.03</b>
24	3724-240 <b>1494.50</b>	3924-240 <b>2029.83</b>	

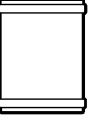
**90° STREET ELL (Spig x Soc)**

	4	---	3909-040 <b>133.13</b>
	6	3709-060' <b>116.02</b>	3909-060 <b>157.77</b>
	8	3709-080' <b>159.60</b>	3909-080 <b>259.82</b>
	10	3709-100' <b>266.68</b>	3909-100 <b>514.97</b>
	12	3709-120' <b>388.65</b>	3909-120 <b>756.59</b>
	14	3709-140' <b>537.45</b>	3909-140 <b>1105.64</b>
	16	3709-160 <b>835.91</b>	3909-160 <b>1373.12</b>
	18	3709-180 <b>1208.94</b>	3909-180 <b>1768.33</b>
	20	3709-200 <b>1362.76</b>	3909-200 <b>2086.43</b>
	24	3709-240 <b>1704.09</b>	3909-240 <b>2229.04</b>

**COUPLING (Soc x Soc)**

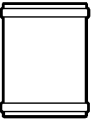
	8	3729-080 <b>69.27</b>	3929-080 <b>153.35</b>
	10	3729-100 <b>85.18</b>	3929-100 <b>167.01</b>
	12	3729-120 <b>125.39</b>	3929-120 <b>192.51</b>
	14	3729-140 <b>203.61</b>	3929-140 <b>384.95</b>
	16	3729-160 <b>227.10</b>	3929-160 <b>457.66</b>
	18	3729-180 <b>387.28</b>	3929-180 <b>902.11</b>
	20	3729-200 <b>675.61</b>	3929-200 <b>1112.26</b>
	24	3729-240 <b>938.29</b>	3929-240 <b>1918.73</b>

**REPAIR COUPLING (Gasket x Gasket)**

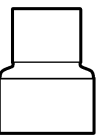
	4	3728-040 <b>67.14</b>	3928-040 <b>78.44</b>
	6	3728-060 <b>93.39</b>	3928-060 <b>110.54</b>
	8	3728-080 <b>147.01</b>	3928-080 <b>187.00</b>

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**REPAIR COUPLING (Gasket x Gasket) (continued)**

	10	3728-100 <b>193.96</b>	3928-100 <b>261.66</b>
	12	3728-120 <b>243.33</b>	3928-120 <b>332.52</b>
	14	3728-140 <b>422.24</b>	3928-140 <b>736.29</b>
	16	3728-160 <b>622.10</b>	3928-160 <b>1104.65</b>
	18	3728-180 <b>813.27</b>	3928-180 <b>1435.96</b>
	20	3728-200 <b>1262.90</b>	3928-200 <b>1723.17</b>
24	3728-240 <b>1712.80</b>	3928-240 <b>2324.28</b>	

**REDUCER COUPLING (Soc x Soc)**

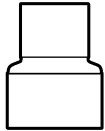
	6X2	3729-528' <b>100.74</b>	3929-528 <b>174.67</b>
	6X3	3729-530' <b>99.16</b>	3929-530 <b>129.03</b>
	6X4	3729-532 <b>35.98</b>	3929-532 <b>84.89</b>
	8X2	3729-578 <b>169.45</b>	3929-578 <b>235.97</b>
	8X3	3729-580 <b>156.87</b>	3929-580 <b>206.24</b>
	8X4	3729-582' <b>89.18</b>	3929-582 <b>162.98</b>
	8X6	3729-585' <b>76.65</b>	3929-585 <b>149.99</b>
	10X4	3729-624' <b>201.24</b>	3929-624 <b>382.88</b>
	10X6	3729-626' <b>187.54</b>	3929-626 <b>305.50</b>
	10X8	3729-628' <b>131.26</b>	3929-628 <b>163.29</b>
	12X4	3729-664' <b>378.38</b>	3929-664 <b>550.13</b>
	12X6	3729-666' <b>286.90</b>	3929-666 <b>453.59</b>
	12X8	3729-668' <b>252.50</b>	3929-668 <b>393.61</b>
	12X10	3729-670' <b>191.07</b>	3929-670 <b>241.77</b>
	14X4	3729-694' <b>608.91</b>	3929-694 <b>744.37</b>
	14X6	3729-696' <b>589.49</b>	3929-696 <b>664.89</b>
	14X8	3729-698' <b>426.71</b>	3929-698 <b>654.00</b>
	14X10	3729-700' <b>360.39</b>	3929-700 <b>552.13</b>
	14X12	3729-702' <b>320.05</b>	3929-702 <b>352.96</b>
	16X4	3729-754 <b>651.72</b>	3929-754 <b>1093.81</b>
	16X6	3729-756 <b>600.30</b>	3929-756 <b>1025.46</b>
	16X8	3729-758 <b>546.24</b>	3929-758 <b>968.50</b>
	16X10	3729-760 <b>487.84</b>	3929-760 <b>673.34</b>
	16X12	3729-762 <b>442.89</b>	3929-762 <b>618.99</b>
	16X14	3729-764 <b>384.10</b>	3929-764 <b>521.83</b>
	18X6	3729-786 <b>1084.87</b>	3929-786 <b>1580.91</b>
	18X8	3729-788 <b>920.14</b>	3929-788 <b>1462.96</b>
	18X10	3729-790 <b>858.57</b>	3929-790 <b>1344.46</b>
18X12	3729-792 <b>803.86</b>	3929-792 <b>1123.63</b>	



**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

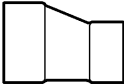
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**REDUCER COUPLING (Soc x Soc) (continued)**



18X14	3729-794 741.35	3929-794 1088.06
18X16	3729-796 553.79	3929-796 930.04
20X6	3729-816 1358.83	3929-816 2223.06
20X8	3729-818 1315.98	3929-818 2197.33
20X10	3729-820 1153.72	3929-820 2181.00
20X12	3729-822 1137.91	3929-822 2045.36
20X14	3729-824 1123.86	3929-824 2029.10
20X16	3729-826 1060.22	3929-826 1625.01
20X18	3729-828 936.64	3929-828 1120.57
24X6	3729-906 2732.86	3929-906 3758.81
24X8	3729-908 2654.56	3929-908 3727.45
24X10	3729-910 2194.81	3929-910 3714.71
24X12	3729-912 2122.45	3929-912 3654.69
24X14	3729-914 2012.56	3929-914 3642.45
24X16	3729-916 1847.93	3929-916 3502.51
24X18	3729-918 1636.31	3929-918 2670.40
24X20	3729-920 1230.10	3929-920 2394.88

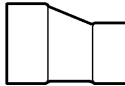
**ECCENTRIC REDUCER COUPLING (Soc x Soc)**



3X2	3729-338E 31.95	3929-338E 44.51
4X2	3729-420E <sup>2</sup> 43.39	3929-420E <sup>2</sup> 113.55
4X3	3729-422E 40.10	3929-422E 52.54
6X2	3729-528E <sup>3*</sup> 97.94	3929-528E <sup>3</sup> 147.83
6X3	3729-530E <sup>2*</sup> 90.21	3929-530E <sup>2</sup> 143.62
6X4	3729-532E <sup>2</sup> 45.11	3929-532E 109.54
8X3	3729-580E <sup>3*</sup> 186.07	3929-580E <sup>3</sup> 208.73
8X4	3729-582E <sup>2*</sup> 92.91	3929-582E <sup>2</sup> 189.46
8X6	3729-585E <sup>7</sup> 75.11	3929-585E 145.69
10X4	3729-624E <sup>2*</sup> 212.45	3929-624E <sup>3</sup> 320.61
10X6	3729-626E <sup>7</sup> 195.34	3929-626E <sup>2</sup> 272.11
10X8	3729-628E <sup>7</sup> 184.17	3929-628E 251.44
12X4	3729-664E <sup>3*</sup> 396.38	3929-664E <sup>4</sup> 490.28
12X6	3729-666E <sup>2*</sup> 325.70	3929-666E <sup>3</sup> 403.49
12X8	3729-668E <sup>2*</sup> 215.98	3929-668E <sup>2</sup> 348.59
12X10	3729-670E <sup>7</sup> 187.26	3929-670E 222.82
14X6	3729-696E <sup>3</sup> 661.64	3929-696E <sup>4</sup> 798.65
14X8	3729-698E <sup>3</sup> 541.99	3929-698E <sup>3</sup> 714.44
14X10	3729-700E <sup>2</sup> 492.01	3929-700E <sup>2</sup> 517.24

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

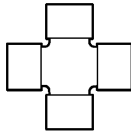
**ECCENTRIC REDUCER COUPLING (Soc x Soc) (continued)**



14X12	3729-702E 300.79	3929-702E 475.68
16X6	3729-756E <sup>3</sup> 691.36	3929-756E <sup>5</sup> 1475.54
16X8	3729-758E <sup>3</sup> 681.67	3929-758E <sup>3</sup> 1351.18
16X10	3729-760E <sup>2</sup> 504.07	3929-760E <sup>3</sup> 982.94
16X12	3729-762E 479.65	3929-762E <sup>2</sup> 872.69
16X14	3729-764E 426.20	3929-764E 675.95
18X6	3729-786E <sup>4</sup> 982.67	3929-786E <sup>6</sup> 2036.86
18X8	3729-788E <sup>4</sup> 968.12	3929-788E <sup>5</sup> 1949.82
18X10	3729-790E <sup>3</sup> 898.80	3929-790E <sup>4</sup> 1822.05
18X12	3729-792E <sup>2</sup> 811.16	3929-792E <sup>3</sup> 1626.32
18X14	3729-794E <sup>2</sup> 717.18	3929-794E <sup>2</sup> 1340.80
18X16	3729-796E 578.53	3929-796E 1308.31

2=Two-Step Design, 3=Three-Step Design, 4=Four-Step Design, 5=Five-Step Design, 6=Six-Step Design

**CROSS (Soc x Soc x Soc x Soc)**



4X2	---	3920-420 122.31
4X3	---	3920-422 134.60
6	3720-060 142.23	3920-060 331.73
6X2	3720-528 106.77	3920-528 171.87
6X3	3720-530 126.44	3920-530 193.72
6X4	3720-532 139.40	3920-532 239.18
8	3720-080 287.27	3920-080 399.53
8X2	3720-578 184.43	3920-578 216.87
8X3	3720-580 199.54	3920-580 230.39
8X4	3720-582 219.21	3920-582 247.16
8X6	3720-585 275.82	3920-585 320.32
10	3720-100 467.62	3920-100 854.76
10X2	3720-621 195.87	3920-621 392.53
10X3	3720-623 225.60	3920-623 454.21
10X4	3720-624 258.80	3920-624 465.72
10X6	3720-626 296.78	3920-626 569.07
10X8	3720-628 416.66	3920-628 750.95
12	3720-120 616.47	3920-120 1204.49
12X2	3720-661 258.86	3920-661 531.41
12X3	3720-663 290.53	3920-663 594.01
12X4	3720-664 307.14	3920-664 619.84
12X6	3720-666 375.43	3920-666 719.73
12X8	3720-668 456.23	3920-668 859.77

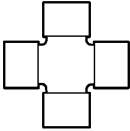


**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**



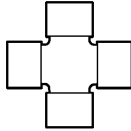
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**CROSS (Soc x Soc x Soc x Soc) (continued)**

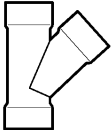
	12X8	3720-668 <b>456.23</b>	3920-668 <b>859.77</b>
	12X10	3720-670 <b>529.54</b>	3920-670 <b>979.74</b>
		14	3720-140 <b>1024.09</b>
	14X2	3720-691 <b>505.26</b>	3920-691 <b>806.70</b>
	14X3	3720-693 <b>562.57</b>	3920-693 <b>888.72</b>
	14X4	3720-694 <b>624.59</b>	3920-694 <b>993.59</b>
	14X6	3720-696 <b>702.56</b>	3920-696 <b>1115.13</b>
	14X8	3720-698 <b>809.40</b>	3920-698 <b>1282.62</b>
	14X10	3720-700 <b>919.67</b>	3920-700 <b>1535.84</b>
	14X12	3720-702 <b>972.97</b>	3920-702 <b>1799.45</b>
	16	3720-160 <b>1495.97</b>	3920-160 <b>2715.13</b>
	16X2	3720-751 <b>693.32</b>	3920-751 <b>1094.13</b>
	16X3	3720-753 <b>761.99</b>	3920-753 <b>1195.31</b>
	16X4	3720-754 <b>791.10</b>	3920-754 <b>1265.71</b>
	16X6	3720-756 <b>855.64</b>	3920-756 <b>1369.05</b>
	16X8	3720-758 <b>1002.33</b>	3920-758 <b>1603.69</b>
	16X10	3720-760 <b>1193.97</b>	3920-760 <b>1846.79</b>
	16X12	3720-762 <b>1372.15</b>	3920-762 <b>2193.87</b>
	16X14	3720-764 <b>1440.78</b>	3920-764 <b>2587.26</b>
	18	3720-180 <b>2119.43</b>	3920-180 <b>3351.85</b>
	18X4	3720-784 <b>857.77</b>	3920-784 <b>1597.41</b>
	18X6	3720-786 <b>1209.37</b>	3920-786 <b>1825.82</b>
	18X8	3720-788 <b>1370.18</b>	3920-788 <b>2178.14</b>
	18X10	3720-790 <b>1481.93</b>	3920-790 <b>2468.51</b>
	18X12	3720-792 <b>1575.61</b>	3920-792 <b>2738.52</b>
	18X14	3720-794 <b>1660.33</b>	3920-794 <b>2926.80</b>
	18X16	3720-796 <b>1926.99</b>	3920-796 <b>3179.19</b>
	20	3720-200 <b>3605.70</b>	3920-200 <b>5658.71</b>
	20X4	3720-814 <b>1514.46</b>	3920-814 <b>2099.24</b>
	20X6	3720-816 <b>1572.72</b>	3920-816 <b>2270.85</b>
20X8	3720-818 <b>1953.79</b>	3920-818 <b>2471.18</b>	
20X10	3720-820 <b>2231.96</b>	3920-820 <b>2901.09</b>	
20X12	3720-822 <b>2329.02</b>	3920-822 <b>3211.00</b>	
20X14	3720-824 <b>2533.39</b>	3920-824 <b>3468.95</b>	
20X16	3720-826 <b>2849.05</b>	3920-826 <b>3857.61</b>	
20X18	3720-828 <b>3082.57</b>	3920-828 <b>4600.87</b>	
24	3720-240 <b>4748.84</b>	3920-240 <b>6859.59</b>	

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**CROSS (Soc x Soc x Soc x Soc) (continued)**

	24X4	3720-904 <b>1935.80</b>	3920-904 <b>2317.49</b>
	24X6	3720-906 <b>2298.34</b>	3920-906 <b>2642.74</b>
	24X8	3720-908 <b>2446.67</b>	3920-908 <b>3449.11</b>
	24X10	3720-910 <b>2615.56</b>	3920-910 <b>3743.77</b>
	24X12	3720-912 <b>2880.52</b>	3920-912 <b>4294.79</b>
	24X14	3720-914 <b>2962.72</b>	3920-914 <b>5041.30</b>
	24X16	3720-916 <b>3283.61</b>	3920-916 <b>5345.20</b>
	24X18	3720-918 <b>3667.24</b>	3920-918 <b>5614.22</b>
	24X20	3720-920 <b>4440.39</b>	3920-920 <b>5978.71</b>

**WYE (Soc x Soc x Soc)**

	8	3775-080 <b>199.27</b>	3975-080 <b>333.20</b>
	8X2	3775-578 <b>130.01</b>	3975-578 <b>235.67</b>
	8X3	3775-580 <sup>o</sup> <b>135.12</b>	3975-580 <b>260.68</b>
	8X4	3775-582 <b>140.70</b>	3975-582 <b>267.20</b>
	8X6	3775-585 <b>184.67</b>	3975-585 <b>269.94</b>
	10	3775-100 <b>398.11</b>	3975-100 <b>594.70</b>
	10X2	3775-621 <sup>o</sup> <b>232.78</b>	3975-621 <b>343.11</b>
	10X3	3775-623 <sup>o</sup> <b>243.81</b>	3975-623 <b>357.62</b>
	10X4	3775-624 <b>250.55</b>	3975-624 <b>367.77</b>
	10X6	3775-626 <sup>o</sup> <b>302.10</b>	3975-626 <b>464.73</b>
	10X8	3775-628 <b>370.27</b>	3975-628 <b>506.10</b>
	12	3775-120 <b>525.17</b>	3975-120 <b>899.77</b>
	12X2	3775-661 <sup>o</sup> <b>276.96</b>	3975-661 <b>577.10</b>
	12X3	3775-663 <sup>o</sup> <b>287.62</b>	3975-663 <b>584.00</b>
	12X4	3775-664 <sup>o</sup> <b>297.46</b>	3975-664 <b>593.83</b>
	12X6	3775-666 <sup>o</sup> <b>354.46</b>	3975-666 <b>647.85</b>
	12X8	3775-668 <sup>o</sup> <b>393.84</b>	3975-668 <b>719.86</b>
	12X10	3775-670 <b>462.81</b>	3975-670 <b>845.77</b>
	14	3775-140 <sup>o</sup> <b>1130.21</b>	3975-140 <b>1366.53</b>
	14X2	3775-691 <sup>o</sup> <b>562.29</b>	3975-691 <b>923.76</b>
	14X3	3775-693 <sup>o</sup> <b>589.71</b>	3975-693 <b>937.83</b>
	14X4	3775-694 <sup>o</sup> <b>599.59</b>	3975-694 <b>945.37</b>
	14X6	3775-696 <sup>o</sup> <b>647.17</b>	3975-696 <b>1035.46</b>
	14X8	3775-698 <sup>o</sup> <b>740.59</b>	3975-698 <b>1147.21</b>
	14X10	3775-700 <sup>o</sup> <b>791.64</b>	3975-700 <b>1197.83</b>
	14X12	3775-702 <sup>o</sup> <b>1012.16</b>	3975-702 <b>1269.55</b>
	16	3775-160 <b>1438.00</b>	3975-160 <b>2103.57</b>



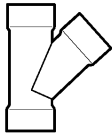
**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

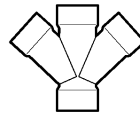
**WYE (Soc x Soc x Soc) (continued)**

16X2	3775-751 <b>638.90</b>	3975-751 <b>1071.52</b>
16X3	3775-753 <b>675.94</b>	3975-753 <b>1085.03</b>
16X4	3775-754 <b>706.59</b>	3975-754 <b>1130.50</b>
16X6	3775-756 <b>760.46</b>	3975-756 <b>1216.69</b>
16X8	3775-758 <b>867.12</b>	3975-758 <b>1282.15</b>
16X10	3775-760 <b>1041.68</b>	3975-760 <b>1403.62</b>
16X12	3775-762 <b>1134.44</b>	3975-762 <b>1880.86</b>
16X14	3775-764 <b>1374.74</b>	3975-764 <b>2002.34</b>
18	3775-180 <b>1653.53</b>	3975-180 <b>2825.89</b>
18X4	3775-784 <b>1132.95</b>	3975-784 <b>1461.15</b>
18X6	3775-786 <b>1151.20</b>	3975-786 <b>1485.65</b>
18X8	3775-788 <b>1188.73</b>	3975-788 <b>1601.38</b>
18X10	3775-790 <b>1264.64</b>	3975-790 <b>1647.85</b>
18X12	3775-792 <b>1385.01</b>	3975-792 <b>1813.98</b>
18X14	3775-794 <b>1514.19</b>	3975-794 <b>2203.30</b>
18X16	3775-796 <b>1605.33</b>	3975-796 <b>2656.38</b>
20	3775-200 <b>2436.88</b>	3975-200 <b>4819.19</b>
20X4	3775-814 <b>1312.88</b>	3975-814 <b>1704.26</b>
20X6	3775-816 <b>1317.66</b>	3975-816 <b>1843.63</b>
20X8	3775-818 <b>1414.55</b>	3975-818 <b>2291.73</b>
20X10	3775-820 <b>1463.89</b>	3975-820 <b>2385.28</b>
20X12	3775-822 <b>1652.51</b>	3975-822 <b>2625.83</b>
20X14	3775-824 <b>1922.04</b>	3975-824 <b>3042.99</b>
20X16	3775-826 <b>2110.95</b>	3975-826 <b>3125.32</b>
20X18	3775-828 <b>2281.38</b>	3975-828 <b>3266.83</b>
24	3775-240 <b>3032.27</b>	3975-240 <b>5426.44</b>
24X4	3775-904 <b>1636.89</b>	3975-904 <b>2427.05</b>
24X6	3775-906 <b>1805.89</b>	3975-906 <b>2665.86</b>
24X8	3775-908 <b>1913.76</b>	3975-908 <b>3086.24</b>
24X10	3775-910 <b>2057.41</b>	3975-910 <b>3128.82</b>
24X12	3775-912 <b>2123.11</b>	3975-912 <b>3431.62</b>
24X14	3775-914 <b>2224.83</b>	3975-914 <b>3618.83</b>
24X16	3775-916 <b>2351.14</b>	3975-916 <b>4150.55</b>
24X18	3775-918 <b>2515.52</b>	3975-918 <b>4873.51</b>
24X20	3775-920 <b>2839.07</b>	3975-920 <b>5032.28</b>



**DOUBLE WYE (Soc x Soc x Soc x Soc)**

6	3776-060 <b>147.60</b>	3976-060 <b>188.94</b>
6X4	3776-532 <b>115.48</b>	3976-532 <b>175.49</b>
8	3776-080 <sup>+</sup> <b>284.68</b>	3976-080 <b>364.40</b>
8X2	3776-578 <sup>+</sup> <b>155.00</b>	3976-578 <b>208.39</b>
8X3	3776-580 <sup>+</sup> <b>165.60</b>	3976-580 <b>215.72</b>
8X4	3776-582 <sup>+</sup> <b>172.62</b>	3976-582 <b>245.57</b>
8X6	3776-585 <sup>+</sup> <b>217.97</b>	3976-585 <b>313.81</b>
10	3776-100 <sup>+</sup> <b>417.54</b>	3976-100 <b>668.09</b>
10X2	3776-621 <sup>+</sup> <b>220.64</b>	3976-621 <b>370.04</b>
10X3	3776-623 <sup>+</sup> <b>230.53</b>	3976-623 <b>379.40</b>
10X4	3776-624 <sup>+</sup> <b>242.07</b>	3976-624 <b>387.30</b>
10X6	3776-626 <sup>+</sup> <b>299.47</b>	3976-626 <b>479.13</b>
10X8	3776-628 <sup>+</sup> <b>362.61</b>	3976-628 <b>578.85</b>
12	3776-120 <sup>+</sup> <b>681.69</b>	3976-120 <b>1093.21</b>
12X2	3776-661 <sup>+</sup> <b>298.66</b>	3976-661 <b>610.22</b>
12X3	3776-663 <sup>+</sup> <b>308.48</b>	3976-663 <b>615.60</b>
12X4	3776-664 <sup>+</sup> <b>315.39</b>	3976-664 <b>620.88</b>
12X6	3776-666 <sup>+</sup> <b>375.43</b>	3976-666 <b>730.51</b>
12X8	3776-668 <sup>+</sup> <b>479.21</b>	3976-668 <b>887.43</b>
12X10	3776-670 <sup>+</sup> <b>613.50</b>	3976-670 <b>1002.13</b>
14	3776-140 <sup>+</sup> <b>1209.11</b>	3976-140 <b>1518.46</b>
14X2	3776-691 <sup>+</sup> <b>576.19</b>	3976-691 <b>1080.50</b>
14X3	3776-693 <sup>+</sup> <b>603.09</b>	3976-693 <b>1112.36</b>
14X4	3776-694 <sup>+</sup> <b>628.44</b>	3976-694 <b>1121.93</b>
14X6	3776-696 <sup>+</sup> <b>699.63</b>	3976-696 <b>1147.21</b>
14X8	3776-698 <sup>+</sup> <b>810.77</b>	3976-698 <b>1214.70</b>
14X10	3776-700 <sup>+</sup> <b>856.82</b>	3976-700 <b>1282.15</b>
14X12	3776-702 <sup>+</sup> <b>1109.67</b>	3976-702 <b>1444.14</b>
16	3776-160 <b>1586.94</b>	3976-160 <b>2360.01</b>
16X2	3776-751 <b>745.14</b>	3976-751 <b>1267.72</b>
16X3	3776-753 <b>789.69</b>	3976-753 <b>1278.36</b>
16X4	3776-754 <b>801.37</b>	3976-754 <b>1282.15</b>
16X6	3776-756 <sup>+</sup> <b>847.78</b>	3976-756 <b>1356.39</b>
16X8	3776-758 <b>927.88</b>	3976-758 <b>1484.60</b>
16X10	3776-760 <b>1136.48</b>	3976-760 <b>1693.80</b>
16X12	3776-762 <b>1224.81</b>	3976-762 <b>1822.04</b>
16X14	3776-764 <b>1466.78</b>	3976-764 <b>2166.91</b>



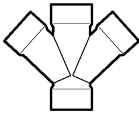
**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**



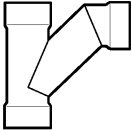
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

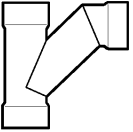
**DOUBLE WYE (Soc x Soc x Soc x Soc) (continued)**

	18	3776-180 <b>2216.87</b>	3976-180 <b>3116.60</b>
	18X4	3776-784 <b>1223.50</b>	3976-784 <b>1641.34</b>
	18X6	3776-786 <b>1243.22</b>	3976-786 <b>1903.15</b>
	18X8	3776-788 <b>1333.34</b>	3976-788 <b>1952.63</b>
	18X10	3776-790 <b>1623.38</b>	3976-790 <b>1969.81</b>
	18X12	3776-792 <b>1653.65</b>	3976-792 <b>2116.45</b>
	18X14	3776-794 <b>1775.63</b>	3976-794 <b>2407.61</b>
	18X16	3776-796 <b>1822.33</b>	3976-796 <b>2814.18</b>
	20	3776-200 <b>2882.50</b>	3976-200 <b>5033.10</b>
	20X4	3776-814 <b>1387.73</b>	3976-814 <b>2020.07</b>
	20X6	3776-816 <b>1459.83</b>	3976-816 <b>2148.30</b>
	20X8	3776-818 <b>1484.00</b>	3976-818 <b>2323.64</b>
	20X10	3776-820 <b>1954.28</b>	3976-820 <b>2665.50</b>
	20X12	3776-822 <b>2139.30</b>	3976-822 <b>2957.85</b>
	20X14	3776-824 <b>2336.37</b>	3976-824 <b>3105.48</b>
	20X16	3776-826 <b>2549.48</b>	3976-826 <b>3949.33</b>
	20X18	3776-828 <b>2788.33</b>	3976-828 <b>4199.65</b>
	24	3776-240 <b>3589.00</b>	3976-240 <b>6495.97</b>
	24X4	3776-904 <b>1788.04</b>	3976-904 <b>2625.83</b>
	24X6	3776-906 <b>1976.95</b>	3976-906 <b>2880.98</b>
	24X8	3776-908 <b>2028.51</b>	3976-908 <b>3153.82</b>
	24X10	3776-910 <b>2134.21</b>	3976-910 <b>3314.78</b>
	24X12	3776-912 <b>2259.38</b>	3976-912 <b>3399.70</b>
	24X14	3776-914 <b>2400.86</b>	3976-914 <b>4576.74</b>
	24X16	3776-916 <b>2611.95</b>	3976-916 <b>5717.37</b>
	24X18	3776-918 <b>2637.93</b>	3976-918 <b>5797.52</b>
	24X20	3776-920 <b>3390.20</b>	3976-920 <b>6112.67</b>

**COMBO WYE (Soc x Soc x Soc) (continued)**

	10X3	3777-623 <b>255.84</b>	3977-623 <b>410.94</b>
	10X4	3777-624 <b>261.50</b>	3977-624 <b>418.41</b>
	10X6	3777-626 <b>328.98</b>	3977-626 <b>526.38</b>
	10X8	3777-628 <b>409.35</b>	3977-628 <b>688.32</b>
	12	3777-120 <b>776.48</b>	3977-120 <b>1185.97</b>
	12X2	3777-661 <b>395.85</b>	3977-661 <b>646.53</b>
	12X3	3777-663 <b>404.21</b>	3977-663 <b>657.21</b>
	12X4	3777-664 <b>413.31</b>	3977-664 <b>661.35</b>
	12X6	3777-666 <b>459.26</b>	3977-666 <b>738.98</b>
	12X8	3777-668 <b>515.24</b>	3977-668 <b>877.31</b>
	12X10	3777-670 <b>641.06</b>	3977-670 <b>1025.77</b>
	14	3777-140 <b>1344.96</b>	3977-140 <b>1813.63</b>
	14X2	3777-691 <b>595.62</b>	3977-691 <b>996.35</b>
	14X3	3777-693 <b>609.07</b>	3977-693 <b>1007.84</b>
	14X4	3777-694 <b>644.16</b>	3977-694 <b>1030.56</b>
	14X6	3777-696 <b>732.94</b>	3977-696 <b>1172.74</b>
	14X8	3777-698 <b>806.37</b>	3977-698 <b>1227.33</b>
	14X10	3777-700 <b>954.32</b>	3977-700 <b>1396.07</b>
	14X12	3777-702 <b>1126.11</b>	3977-702 <b>1695.52</b>
	16	3777-160 <b>1579.31</b>	3977-160 <b>2526.93</b>
	16X2	3777-751 <b>774.17</b>	3977-751 <b>1259.09</b>
	16X3	3777-753 <b>788.51</b>	3977-753 <b>1278.29</b>
	16X4	3777-754 <b>807.30</b>	3977-754 <b>1291.61</b>
	16X6	3777-756 <b>853.85</b>	3977-756 <b>1366.18</b>
	16X8	3777-758 <b>939.38</b>	3977-758 <b>1552.13</b>
	16X10	3777-760 <b>1062.83</b>	3977-760 <b>1700.56</b>
	16X12	3777-762 <b>1140.93</b>	3977-762 <b>1825.38</b>
	16X14	3777-764 <b>1400.64</b>	3977-764 <b>2197.69</b>
	18	3777-180 <b>1988.81</b>	3977-180 <b>3450.38</b>
	18X4	3777-784 <b>1212.53</b>	3977-784 <b>1530.71</b>
	18X6	3777-786 <b>1250.30</b>	3977-786 <b>1623.80</b>
	18X8	3777-788 <b>1284.03</b>	3977-788 <b>1789.34</b>
18X10	3777-790 <b>1366.82</b>	3977-790 <b>1924.50</b>	
18X12	3777-792 <b>1420.70</b>	3977-792 <b>2539.43</b>	
18X14	3777-794 <b>1613.11</b>	3977-794 <b>2905.38</b>	
18X16	3777-796 <b>1834.80</b>	3977-796 <b>3123.94</b>	
20	3777-200 <b>2577.07</b>	3977-200 <b>6357.30</b>	

**COMBO WYE (Soc x Soc x Soc)**

	6	3777-060 <b>187.79</b>	3977-060 <b>300.55</b>
	6X4	3777-532 <b>146.30</b>	3977-532 <b>264.02</b>
	8	3777-080 <b>299.47</b>	3977-080 <b>495.18</b>
	8X2	3777-578 <b>164.21</b>	3977-578 <b>325.86</b>
	8X3	3777-580 <b>204.62</b>	3977-580 <b>333.84</b>
	8X4	3777-582 <b>208.44</b>	3977-582 <b>341.12</b>
	8X6	3777-585 <b>236.20</b>	3977-585 <b>377.88</b>
	10	3777-100 <b>534.88</b>	3977-100 <b>944.76</b>
	10X2	3777-621 <b>244.27</b>	3977-621 <b>395.93</b>

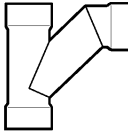


**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

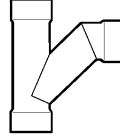
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**COMBO WYE (Soc x Soc x Soc) (continued)**



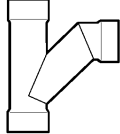
20X4	3777-814 <b>1340.65</b>	3977-814 <b>1693.55</b>
20X6	3777-816 <b>1451.87</b>	3977-816 <b>1875.47</b>
20X8	3777-818 <b>1479.39</b>	3977-818 <b>2336.16</b>
20X10	3777-820 <b>1550.89</b>	3977-820 <b>2611.43</b>
20X12	3777-822 <b>1949.30</b>	3977-822 <b>3084.67</b>
20X14	3777-824 <b>2052.07</b>	3977-824 <b>3399.81</b>
20X16	3777-826 <b>2296.05</b>	3977-826 <b>4329.68</b>
20X18	3777-828 <b>2346.32</b>	3977-828 <b>5920.18</b>
24	3777-240 <b>3481.14</b>	3977-240 <b>6770.11</b>
24X4	3777-904 <b>1787.27</b>	3977-904 <b>2741.50</b>
24X6	3777-906 <b>1951.64</b>	3977-906 <b>2916.97</b>
24X8	3777-908 <b>2177.10</b>	3977-908 <b>3041.44</b>
24X10	3777-910 <b>2330.82</b>	3977-910 <b>3594.87</b>
24X12	3777-912 <b>2427.78</b>	3977-912 <b>3869.44</b>
24X14	3777-914 <b>2472.52</b>	3977-914 <b>4616.05</b>
24X16	3777-916 <b>2859.12</b>	3977-916 <b>5389.12</b>
24X18	3777-918 <b>3054.33</b>	3977-918 <b>6109.12</b>
24X20	3777-920 <b>3103.01</b>	3977-920 <b>6484.16</b>

**SANITARY TEE (Soc x Soc x Soc) (continued)**



12X8	3790-668 <sup>+</sup> <b>492.54</b>	3990-668 <b>861.70</b>
12X10	3790-670 <sup>+</sup> <b>620.43</b>	3990-670 <b>998.29</b>
14	3790-140 <sup>+</sup> <b>1334.01</b>	3990-140 <b>1767.45</b>
14X2	3790-691 <sup>+</sup> <b>528.55</b>	3990-691 <b>965.19</b>
14X3	3790-693 <sup>+</sup> <b>573.52</b>	3990-693 <b>979.76</b>
14X4	3790-694 <sup>+</sup> <b>579.13</b>	3990-694 <b>999.44</b>
14X6	3790-696 <sup>+</sup> <b>690.67</b>	3990-696 <b>1139.61</b>
14X8	3790-698 <sup>+</sup> <b>787.78</b>	3990-698 <b>1198.78</b>
14X10	3790-700 <sup>+</sup> <b>946.27</b>	3990-700 <b>1362.83</b>
14X12	3790-702 <sup>+</sup> <b>1115.56</b>	3990-702 <b>1638.22</b>
16	3790-160 <sup>+</sup> <b>1716.24</b>	3990-160 <b>2109.06</b>
16X2	3790-751 <sup>+</sup> <b>769.14</b>	3990-751 <b>1191.82</b>
16X3	3790-753 <sup>+</sup> <b>776.67</b>	3990-753 <b>1239.86</b>
16X4	3790-754 <sup>+</sup> <b>794.14</b>	3990-754 <b>1278.78</b>
16X6	3790-756 <sup>+</sup> <b>844.16</b>	3990-756 <b>1353.05</b>
16X8	3790-758 <sup>+</sup> <b>930.97</b>	3990-758 <b>1515.18</b>
16X10	3790-760 <sup>+</sup> <b>1052.01</b>	3990-760 <b>1674.40</b>
16X12	3790-762 <sup>+</sup> <b>1129.48</b>	3990-762 <b>1800.05</b>
16X14	3790-764 <sup>+</sup> <b>1353.74</b>	3990-764 <b>1963.99</b>
18	3790-180 <sup>+</sup> <b>1757.62</b>	3990-180 <b>3409.32</b>
18X4	3790-784 <sup>+</sup> <b>936.64</b>	3990-784 <b>1481.91</b>
18X6	3790-786 <sup>+</sup> <b>1004.55</b>	3990-786 <b>1571.85</b>
18X8	3790-788 <sup>+</sup> <b>1260.20</b>	3990-788 <b>1752.79</b>
18X10	3790-790 <sup>+</sup> <b>1433.95</b>	3990-790 <b>1891.72</b>
18X12	3790-792 <sup>+</sup> <b>1473.04</b>	3990-792 <b>2463.65</b>
18X14	3790-794 <sup>+</sup> <b>1679.27</b>	3990-794 <b>2533.94</b>
18X16	3790-796 <sup>+</sup> <b>1812.86</b>	3990-796 <b>3105.41</b>
20	3790-200 <sup>+</sup> <b>2374.31</b>	3990-200 <b>6259.17</b>
20X4	3790-814 <sup>+</sup> <b>991.54</b>	3990-814 <b>1661.52</b>
20X6	3790-816 <sup>+</sup> <b>1134.57</b>	3990-816 <b>1805.31</b>
20X8	3790-818 <sup>+</sup> <b>1223.84</b>	3990-818 <b>2293.45</b>
20X10	3790-820 <sup>+</sup> <b>1380.76</b>	3990-820 <b>2549.82</b>
20X12	3790-822 <sup>+</sup> <b>1546.03</b>	3990-822 <b>3014.69</b>
20X14	3790-824 <sup>+</sup> <b>1838.59</b>	3990-824 <b>3270.49</b>
20X16	3790-826 <sup>+</sup> <b>2119.91</b>	3990-826 <b>4252.63</b>
20X18	3790-828 <sup>+</sup> <b>2284.34</b>	3990-828 <b>5887.26</b>
24	3790-240 <sup>+</sup> <b>3106.51</b>	3990-240 <b>6716.97</b>

**SANITARY TEE (Soc x Soc x Soc)**



6	3790-060 <b>161.47</b>	3990-060 <b>271.57</b>
6X4	3790-532 <sup>+</sup> <b>120.97</b>	3990-532 <b>214.65</b>
8	3790-080 <sup>+</sup> <b>295.87</b>	3990-080 <b>491.69</b>
8X2	3790-578 <sup>+</sup> <b>151.35</b>	3990-578 <b>268.95</b>
8X3	3790-580 <sup>+</sup> <b>200.00</b>	3990-580 <b>306.34</b>
8X4	3790-582 <sup>+</sup> <b>189.79</b>	3990-582 <b>326.61</b>
8X6	3790-585 <sup>+</sup> <b>227.35</b>	3990-585 <b>363.69</b>
10	3790-100 <sup>+</sup> <b>528.97</b>	3990-100 <b>933.90</b>
10X2	3790-621 <sup>+</sup> <b>232.27</b>	3990-621 <b>362.04</b>
10X3	3790-623 <sup>+</sup> <b>236.20</b>	3990-623 <b>372.33</b>
10X4	3790-624 <sup>+</sup> <b>253.07</b>	3990-624 <b>404.91</b>
10X6	3790-626 <sup>+</sup> <b>325.70</b>	3990-626 <b>512.88</b>
10X8	3790-628 <sup>+</sup> <b>398.79</b>	3990-628 <b>660.61</b>
12	3790-120 <sup>+</sup> <b>757.46</b>	3990-120 <b>1152.94</b>
12X2	3790-661 <sup>+</sup> <b>389.76</b>	3990-661 <b>612.03</b>
12X3	3790-663 <sup>+</sup> <b>394.20</b>	3990-663 <b>622.06</b>
12X4	3790-664 <sup>+</sup> <b>405.73</b>	3990-664 <b>647.85</b>
12X6	3790-666 <sup>+</sup> <b>442.38</b>	3990-666 <b>725.46</b>

**DWV  
PVC Schedule 40 & 80 DWV Fabricated Fittings**



Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**SANITARY TEE (Soc x Soc x Soc) (continued)**

	24X4	3790-904 <b>1451.91</b>	3990-904 <b>2677.53</b>
	24X6	3790-906 <b>1611.95</b>	3990-906 <b>2807.27</b>
	24X8	3790-908 <b>2139.36</b>	3990-908 <b>2936.98</b>
	24X10	3790-910 <b>2313.13</b>	3990-910 <b>3517.87</b>
	24X12	3790-912 <b>2417.05</b>	3990-912 <b>3788.61</b>
	24X14	3790-914 <b>2465.83</b>	3990-914 <b>4567.22</b>
	24X16	3790-916 <b>2827.90</b>	3990-916 <b>5242.84</b>
	24X18	3790-918 <b>2964.44</b>	3990-918 <b>6029.35</b>
	24X20	3790-920 <b>3071.50</b>	3990-920 <b>6368.34</b>

**SPIGOT PLUG (Spigot)**

	6	3749-060 <b>42.96</b>	3949-060 <b>129.93</b>
	8	3749-080 <b>109.73</b>	3949-080 <b>219.30</b>
	10	3749-100 <b>125.14</b>	3949-100 <b>277.26</b>
	12	3749-120 <b>179.37</b>	3949-120 <b>441.46</b>
	14	3749-140 <b>304.32</b>	---
	16	3749-160 <b>370.82</b>	3949-160 <b>642.16</b>

**CLEANOUT ADAPTER WITH PLUG (Spig x Cleanout)**

SOLD AS SET ONLY (Non-Pressure Rated)

	2	---	3978-020* <b>91.80</b>
	3	---	3978-030* <b>117.61</b>
	4	---	3978-040* <b>147.80</b>
	5	---	3978-050* <b>157.11</b>
	6	---	3978-060* <b>166.44</b>
	8	---	3978-080* <b>264.76</b>
	10	---	3978-100* <b>442.16</b>
	12	---	3978-120* <b>617.33</b>
	14	---	3978-140* <b>765.54</b>
	16	---	3978-160* <b>1505.70</b>
	18	---	3978-180* <b>1802.96</b>
	24	---	3978-240* <b>2215.60</b>

\* HDPE Plug

**IPS X SEWER ADAPTER (Soc x Spig)**

	4	3729-04013IXS <b>16.63</b>	---
	6	3729-06013IXS <b>35.10</b>	---
	8	3729-08013IXS <b>67.95</b>	---
	10	3729-10013IXS <b>184.01</b>	---
	12	3729-12013IXS <b>200.19</b>	---

**IPS X SEWER ADAPTER (Soc x Soc)**

	4	3729-040IXS <b>28.60</b>	---
	6	3729-060IXS <b>52.26</b>	---
	8	3729-080IXS <b>83.97</b>	---
	10	3729-100IXS <b>135.78</b>	---
	12	3729-120IXS <b>200.96</b>	---

**IPS X SEWER ADAPTER (Spig x Soc)**

	4	3729-04031IXS <b>21.83</b>	---
	6	3729-06031IXS <b>50.55</b>	---
	8	3729-08031IXS <b>82.79</b>	---
	10	3729-10031IXS <b>128.89</b>	---
	12	3729-12031IXS <b>191.43</b>	---

**CAP (Soc)**

	10	3747-100* <b>111.14</b>	3947-100 <b>217.02</b>
	12	3747-120* <b>140.35</b>	3947-120 <b>375.72</b>
	14	3747-140* <b>238.65</b>	3947-140 <b>426.11</b>
	16	3747-160 <b>305.50</b>	3947-160 <b>562.40</b>
	18	3747-180 <b>338.04</b>	3947-180 <b>738.89</b>
	20	3747-200 <b>595.44</b>	3947-200 <b>853.85</b>
	24	3747-240 <b>880.17</b>	3947-240 <b>990.76</b>



**CTS CPVC Hot & Cold Water Distribution System  
EverTUFF® CPVC CTS Fittings, Valves & Pipe**

**PRODUCT INFORMATION**

**APPLICATION**

Spears® Copper Tube Size (CTS) fittings are manufactured from chlorinated polyvinyl chloride (CPVC) for use with SDR-11 piping systems of CTS outside diameter in hot and cold water distribution systems. Check state and local codes for application and restrictions.

**CONFORMANCE STANDARDS**

Spears® CPVC CTS fittings conform to ASTM D 2846 Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot and Cold Water Distribution Systems.

**WORKING PRESSURE**

Spears® CPVC CTS fittings have a continuous working pressure rating of 100 psi at 180°F (82°C) [400 psi at 73°F (23°C)].

**PRODUCT CERTIFICATION**

Spears® CPVC CTS fittings and Special Reinforced (SR) Thread transition adapters are tested and certified by the National Sanitation Foundation (NSF®) to ASTM D 2846 for use in Hot and Cold Water Distribution Systems, and for safe use in potable water systems under NSF® Standard 14/61.

**TESTING**

Once the system has been installed and allowed to cure properly, the system shall be tested in accordance with applicable code requirements. When testing with water (hydrostatic testing), the system must be slowly filled with water and the air bled from the highest and furthest points in the system before test pressure is applied. Failure to do so can cause damage to the piping system and could be harmful to the job site personnel should a failure occur. If a leak is found, the affected product must be cut out and discarded. A new section can be installed using couplings or other approved means.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**TEE**

Socket x Socket x Socket



4101-005	1/2	25	300	035	1.48
4101-007	3/4	25	200	035	2.77
4101-010	1	10	120	035	14.54
4101-012	1-1/4	10	80	035	22.31
4101-015	1-1/2	5	40	035	29.06
4101-020	2	5	0	035	46.98

**DROP EAR TEE (Fitting with Bracket)**

Socket x Socket x Socket



DE4101-005	1/2	25	150	035	3.15
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**DROP EAR BRACKET ONLY**

For 4101-005 and 4106-005



DES-005	1/2	800	0	035	5.86
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**REDUCING TEE**

Socket x Socket x Socket



4101-074	1/2X1/2X3/4	25	300	035	5.15
4101-094	3/4X1/2X1/2	25	300	035	2.76
4101-095	3/4X1/2X3/4	25	300	035	2.76
4101-101	3/4X3/4X1/2	25	300	035	2.86
4101-102	3/4X3/4X1	10	60	035	32.08
4101-120	1X1/2X1/2	10	120	035	34.57
4101-121	1X1/2X3/4	10	120	035	33.99
4101-122	1X1/2X1	10	120	035	26.14
4101-124	1X3/4X1/2	10	120	035	32.57
4101-125	1X3/4X3/4	10	120	035	17.63
4101-126	1X3/4X1	10	120	035	24.44
4101-130	1X1X1/2	10	120	035	16.52
4101-131	1X1X3/4	10	120	035	15.76
4101-138	1-1/4X1/2X1/2	10	80	035	43.07
4101-139	1-1/4X1/2X3/4	10	80	035	43.07
4101-142	1-1/4X1/2X1-1/4	10	80	035	38.15
4101-146	1-1/4X3/4X1/2	10	80	035	43.07
4101-147	1-1/4X3/4X3/4	10	80	035	43.07
4101-148	1-1/4X3/4X1	10	80	035	43.07
4101-149	1-1/4X3/4X1-1/4	10	80	035	43.07
4101-156	1-1/4X1X1/2	10	80	035	43.07
4101-157	1-1/4X1X3/4	10	80	035	43.07
4101-158	1-1/4X1X1	10	80	035	43.07
4101-159	1-1/4X1X1-1/4	10	80	035	38.15
4101-166	1-1/4X1-1/4X1/2	10	80	035	39.30
4101-167	1-1/4X1-1/4X3/4	10	80	035	39.30
4101-168	1-1/4X1	10	40	035	35.86
4101-169	1-1/4X1-1/4X1-1/2	5	40	035	53.53
4101-173	1-1/2X1/2X1/2	5	40	035	53.53
4101-174	1-1/2X1/2X3/4	5	40	035	53.53

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**REDUCING TEE (continued)**

Socket x Socket x Socket

4101-175	1-1/2X1/2X1	5	40	035	53.53
4101-176	1-1/2X1/2X1-1/4	5	40	035	53.53
4101-177	1-1/2X1/2X1-1/2	5	40	035	38.15
4101-182	1-1/2X3/4X1/2	5	40	035	53.53
4101-184	1-1/2X3/4X3/4	5	40	035	53.53
4101-185	1-1/2X3/4X1	5	40	035	53.53
4101-186	1-1/2X3/4X1-1/4	5	40	035	53.53
4101-188	1-1/2X3/4X1-1/2	5	40	035	38.15
4101-193	1-1/2X1X1/2	5	40	035	53.53
4101-194	1-1/2X1X3/4	5	40	035	53.53
4101-195	1-1/2X1X1	5	40	035	35.86
4101-196	1-1/2X1X1-1/4	5	40	035	50.84
4101-197	1-1/2X1X1-1/2	5	40	035	38.15
4101-199	1-1/2X1-1/4X1/2	5	40	035	53.53
4101-201	1-1/2X1-1/4X3/4	5	40	035	53.53
4101-202	1-1/2X1-1/4X1	5	40	035	53.53
4101-203	1-1/2X1-1/4X1-1/4	5	40	035	53.53
4101-204	1-1/2X1-1/4X1-1/2	5	40	035	38.15
4101-209	1-1/2X1-1/2X1/2	5	30	035	38.15
4101-210	1-1/2X1-1/2X3/4	5	30	035	39.18
4101-211	1-1/2X1	10	30	035	41.99
4101-212	1-1/2X1-1/2X1-1/4	5	40	035	38.15
4101-213	1-1/2X1-1/2X2	5	0	035	94.20
4101-216	2X1/2X1/2	5	0	035	94.20
4101-217	2X1/2X3/4	5	0	035	94.20
4101-218	2X1/2X1	5	0	035	94.20
4101-219	2X1/2X1-1/4	5	0	035	94.20
4101-220	2X1/2X1-1/2	5	0	035	94.20
4101-221	2X1/2X2	5	0	035	75.23
4101-222	2X3/4X1/2	5	0	035	94.20
4101-223	2X3/4X3/4	5	0	035	94.20
4101-224	2X3/4X1	5	0	035	94.20
4101-225	2X3/4X1-1/4	5	0	035	94.20
4101-226	2X3/4X1-1/2	5	0	035	94.20
4101-227	2X3/4X2	5	0	035	75.23
4101-228	2X1X1/2	5	0	035	94.20
4101-229	2X1X3/4	5	0	035	94.20
4101-230	2X1X1	5	0	035	94.20
4101-231	2X1X1-1/4	5	0	035	94.20
4101-232	2X1X1-1/2	5	0	035	94.20
4101-233	2X1X2	5	0	035	75.23
4101-234	2X1-1/4X1/2	5	0	035	94.20
4101-235	2X1-1/4X3/4	5	0	035	94.20
4101-236	2X1-1/4X1	5	0	035	94.20
4101-237	2X1-1/2X1/2	5	0	035	94.20
4101-238	2X1-1/2X3/4	5	0	035	94.20
4101-239	2X1-1/2X1	5	0	035	94.20
4101-240	2X1-1/2X1-1/4	5	0	035	94.20
4101-241	2X1-1/2X1-1/2	5	0	035	94.20
4101-242	2X1-1/4X1-1/4	5	0	035	94.20
4101-243	2X1-1/4X1-1/2	5	0	035	94.20
4101-244	2X1-1/4X2	5	0	035	75.23
4101-247	2X2X1/2	10	0	035	55.57



**CTS CPVC Hot & Cold Water Distribution System  
EverTUFF® CPVC CTS Fittings, Valves & Pipe**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**REDUCING TEE (continued)**

Socket x Socket x Socket

4101-248*	2X2X3/4	5	40	035	49.75
4101-249	2X1	5	15	035	47.14
4101-250*	2X2X1-1/4	5	0	035	47.14
4101-251	2X2X1-1/2	5	15	035	50.30
4101-257*	2X1-1/2X2	5	0	035	50.30

\* Outlet sized with bushing.

**90° ELL**

Socket x Socket



4106-005	1/2	25	600	035	1.15
4106-007	3/4	25	300	035	1.90
4106-010	1	10	150	035	5.55
4106-012	1-1/4	10	80	035	11.05
4106-015	1-1/2	10	80	035	19.94
4106-020	2	5	30	035	38.24

**REDUCING 90° ELL**

Socket x Socket



4106-101	3/4X1/2	25	300	035	4.00
4106-130*	1X1/2	25	200	035	14.07
4106-131*	1X3/4	25	200	035	14.07
4106-167*	1-1/4X3/4	10	80	035	21.66
4106-168*	1-1/4X1	10	80	035	21.66
4106-209*	1-1/2X1/2	10	0	035	30.00
4106-210*	1-1/2X3/4	10	0	035	30.00
4106-211*	1-1/2X1	10	0	035	30.00
4106-212*	1-1/2X1-1/4	10	0	035	30.00
4106-247*	2X1/2	5	30	035	66.65
4106-248*	2X3/4	5	30	035	66.65
4106-249*	2X1	5	30	035	66.65
4106-250*	2X1-1/4	5	30	035	66.65
4106-251*	2X1-1/2	5	30	035	66.65

\* Outlet sized with bushing.

**SPECIAL REINFORCED 90° ELL**

Socket x SR Fipt - Stainless Steel Collar



4107-005SR	1/2	50	300	035	8.56
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**ZINC DROP EAR REINFORCED CTS 90° ELL  
(One Piece Unit)**

Socket x SR Fipt - Zinc Collar



DEZ4107-005SR	1/2	10	150	035	19.25
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**DROP EAR 90° ELL (Fitting with Bracket)**

Socket x Socket



DE4106-005	1/2	25	150	035	3.44
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**DROP EAR BRACKET ONLY**

For 4101-005 and 4106-005



DES-005	1/2	800	0	035	5.86
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**DROP EAR SPECIAL REINFORCED 90° ELL  
(Fitting Plus Bracket)**

Socket x SR Fipt - Stainless Steel Collar



DE4107-005SR	1/2	10	200	035	13.23
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DROP EAR BRACKET ONLY**

For 4107-005SR



DET-005	1/2	400	0	035	5.86
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**90° STREET ELL**

Spigot x Socket



4109-005	1/2	25	500	035	1.36
4109-007	3/4	25	300	035	2.13
4109-010	1	10	100	035	9.74

**45° ELL**

Socket x Socket



4117-005	1/2	25	500	035	1.46
4117-007	3/4	25	300	035	2.53
4117-010	1	10	100	035	6.43
4117-012	1-1/4	10	120	035	13.62
4117-015	1-1/2	10	80	035	19.74
4117-020	2	10	0	035	41.33

**45° STREET ELL**

Spigot x Socket



4127-005	1/2	25	600	035	3.10
4127-007	3/4	25	400	035	4.15
4127-010	1	10	150	035	11.93

**COUPLING**

Socket x Socket



4129-005	1/2	25	600	035	.95
4129-007	3/4	25	300	035	1.25
4129-010	1	10	250	035	5.64
4129-012	1-1/4	10	120	035	7.29
4129-015	1-1/2	10	120	035	10.30
4129-020	2	10	0	035	19.61

**REDUCER COUPLING**

Socket x Socket



4129-101	3/4X1/2	25	300	035	2.01
4129-130	1X1/2	25	150	035	11.89
4129-131	1X3/4	25	150	035	6.44
4129-166*	1-1/4X1/2	10	120	035	14.91
4129-167*	1-1/4X3/4	10	120	035	14.91
4129-168*	1-1/4X1	10	120	035	21.21
4129-209*	1-1/2X1/2	10	80	035	20.22
4129-210*	1-1/2X3/4	10	80	035	20.22
4129-211*	1-1/2X1	10	80	035	20.22
4129-212*	1-1/2X1-1/4	10	80	035	20.22
4129-247*	2X1/2	10	0	035	43.79
4129-248*	2X3/4	10	0	035	43.79
4129-249*	2X1	10	0	035	43.79
4129-250*	2X1-1/4	10	0	035	43.79
4129-251*	2X1-1/2	10	0	035	43.79

\* Outlet sized with bushing.

**FEMALE ADAPTER with Gasket**

Socket x NPSC



For Cold Water Service Only

4135-005OR	1/2	25	200	035	4.47
4135-007OR	3/4	25	300	035	6.35



**CTS CPVC Hot & Cold Water Distribution System  
EverTUFF® CPVC CTS Fittings, Valves & Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**FEMALE ADAPTER with Gasket (continued)**

Socket x NPSC

4135-010OR	1	5	100	035	7.24
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**GASKET SEALED BRASS THREAD**

**TRANSITION FEMALE ADAPTER**

Socket x Gasket FPT - Use NO Thread Sealant



NSF Certified Lead Free

4135-005BRG	1/2	25	150	035	38.20
4135-007BRG	3/4	25	150	035	42.07
4135-010BRG	1	15	90	035	125.49
4135-012BRG	1-1/4	15	60	035	238.42
4135-015BRG	1-1/2	10	40	035	310.76
4135-020BRG	2	8	32	035	456.90

**GASKET SEALED BRASS THREAD**

**TRANSITION REDUCING FEMALE ADAPTER**

Socket x Gasket FPT - Use NO Thread Sealant



NSF Certified Lead Free

4135-101BRG	3/4X1/2	25	150	035	41.58
4135-130BRG	1X1/2	50	0	035	65.69

**SPECIAL REINFORCED FEMALE ADAPTER**

Socket x SR Fipt - Stainless Steel Collar



4135-005SR	1/2	25	200	035	6.61
4135-007SR	3/4	25	300	035	7.27
4135-010SR	1	5	100	035	9.22

**SPECIAL REINFORCED REDUCING FEMALE ADAPTER**

Socket x SR Fipt - Stainless Steel Collar



4135-131SR	1X3/4	25	150	035	14.52
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**MALE ADAPTER**

Mipt x Socket



For Cold Water Service Only

4136-005	1/2	25	600	035	1.20
4136-007	3/4	25	300	035	2.04
4136-010	1	10	250	035	9.65
4136-012	1-1/4	25	200	035	14.95
4136-015	1-1/2	10	80	035	18.44
4136-020	2	10	80	035	30.40

**REDUCING MALE ADAPTER**

Mipt x Socket



For Cold Water Service Only

4136-074	1/2X3/4	25	600	035	4.37
4136-101	3/4X1/2	25	600	035	4.68

**MALE ADAPTER**

Mipt x Spigot



For Cold Water Service Only

4161-005	1/2	50	700	035	3.71
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**REINFORCED MALE ADAPTER (Internal Stainless Steel Reinforced)**

R Mipt x Socket - Stainless Steel Sleeve



4136-005R	1/2	25	300	035	8.48
4136-007R	3/4	25	300	035	9.43
4136-010R	1	10	120	035	14.05

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**TRANSITION MALE ADAPTER w/BRASS THREAD**

Brass Mipt x Socket

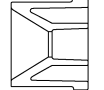


NSF Certified Lead Free

4136-005BR	1/2	60	360	035	38.20
4136-007BR	3/4	40	160	035	42.07
4136-010BR	1	10	60	035	125.49
4136-012BR	1-1/4	10	60	035	154.77
4136-015BR	1-1/2	10	40	035	204.31
4136-020BR	2	8	32	035	339.62

**REDUCER BUSHING**

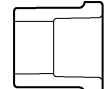
Spigot x Socket



4137-101	3/4X1/2	25	600	035	1.43
4137-130	1X1/2	10	300	035	4.70
4137-131	1X3/4	10	400	035	4.70
4137-166	1-1/4X1/2	10	120	035	6.52
4137-167	1-1/4X3/4	10	300	035	6.10
4137-168	1-1/4X1	10	300	035	5.33
4137-209	1-1/2X1/2	25	100	035	7.67
4137-210	1-1/2X3/4	25	100	035	7.67
4137-211	1-1/2X1	10	120	035	7.52
4137-212	1-1/2X1-1/4	10	200	035	7.52
4137-247	2X1/2	10	60	035	18.20
4137-248	2X3/4	10	60	035	16.99
4137-249	2X1	10	60	035	16.99
4137-250	2X1-1/4	10	120	035	18.20
4137-251	2X1-1/2	10	120	035	16.99

**TRANSITION BUSHING**

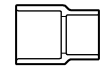
IPS Spigot x CTS Socket



4140-005	1/2	10	600	035	6.08
4140-007	3/4	10	600	035	6.35
4140-010	1	10	400	035	7.01
4140-012	1-1/4	10	60	035	8.68
4140-015	1-1/2	10	60	035	10.94
4140-020	2	10	60	035	11.93

**TRANSITION COUPLING**

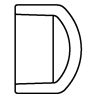
IPS Socket x CTS Socket



4141-007	3/4	25	300	035	4.14
4141-010	1	10	150	035	7.31

**CAP**

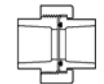
Socket



4147-005	1/2	25	600	035	1.04
4147-007	3/4	25	300	035	1.32
4147-010	1	10	400	035	4.82
4147-012	1-1/4	10	120	035	6.62
4147-015	1-1/2	10	120	035	10.18
4147-020	2	10	80	035	20.55

**CTS Union**

Socket with EPDM O-ring Seal



100 psi Maximum Internal Pressure @ 180°F (82°C)

4197-005	1/2	25	150	035	13.54
4197-007	3/4	10	60	035	20.61
4197-010	1	10	60	035	26.60

**CTS CPVC Hot & Cold Water Distribution System  
EverTUFF® CPVC CTS Fittings, Valves & Pipe**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**1/4-Turn Angle Supply Stop**  
Socket x NPT



100 psi @ 180°F (82°C)  
1/2" & 3/8" Male Thread for Connection to Female Flexible Supply Line

7722-005	1/2	50	400	217	15.61
7722-073	1/2X3/8	50	400	217	15.61

**1/4-Turn Angle Supply Stop**  
SR FPT x NPT



100 psi @ 180°F (82°C)  
1/2" & 3/8" Male Thread for Connection to Female Flexible Supply Line

7721-005SR	1/2	50	400	217	38.66
7721-073SR	1/2X3/8	50	400	217	38.66

**CPVC CTS Ball Valves**  
Socket with EPDM O-ring Seal

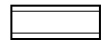


100 psi Maximum Internal Pressure @ 180°F (82°C)

1922-005	1/2	50	200	217	31.72
1922-007	3/4	25	0	217	37.50
1922-010	1	25	0	217	43.25
1922-012	1-1/4	20	0	217	67.15
1922-015	1-1/2	20	0	217	96.84
1922-020	2	8	0	217	124.06

For additional valve information, please refer to Spears® Thermoplastic Valves & Accessories Product Guide & Engineering Specifications V-4.

**CPVC CTS Pipe - SDR 11**  
10' Lengths, Price Per Foot



List Price Per Foot

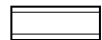
CTS-005	1/2	500	0	034	.87
CTS-007	3/4	250	0	034	1.57
CTS-010	1	150	0	034	3.22
CTS-012	1-1/4	100	0	034	4.78
CTS-015	1-1/2	100	0	034	6.34
CTS-020	2	50	0	034	10.73

- Pipe sold in bag quantities only - no broken bags
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

CPVC CTS PIPE WEIGHTS:

CTS-005 Weight per Foot .090 lbs; per Bag Weight 45 lbs.  
CTS-007 Weight per Foot .149 lbs; per Bag Weight 37.25 lbs.  
CTS-010 Weight per Foot .239 lbs; per Bag Weight 35.85 lbs.  
CTS-012 Weight per Foot .353 lbs; per Bag Weight 35.3 lbs.  
CTS-015 Weight per Foot .489 lbs; per Bag Weight 48.9 lbs.  
CTS-020 Weight per Foot .810 lbs; per Bag Weight 40.5 lbs.

**CPVC CTS Pipe - SDR 11**  
20' Lengths, Price Per Foot



List Price Per Foot

CTS-005-20	1/2	1000	0	034	.87
CTS-007-20	3/4	500	0	034	1.57
CTS-010-20	1	300	0	034	3.22
CTS-012-20	1-1/4	200	0	034	4.78
CTS-015-20	1-1/2	200	0	034	6.34
CTS-020-20	2	100	0	034	10.73

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC CTS Pipe - SDR 11 (continued)**  
20' Lengths, Price Per Foot

- Pipe sold in bag quantities only - no broken bags
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

CPVC CTS PIPE WEIGHTS:

CTS-005 Weight per Foot .090 lbs; per Bag Weight 90 lbs.  
CTS-007 Weight per Foot .149 lbs; per Bag Weight 74.5 lbs.  
CTS-010 Weight per Foot .239 lbs; per Bag Weight 71.7 lbs.  
CTS-012 Weight per Foot .353 lbs; per Bag Weight 70.6 lbs.  
CTS-015 Weight per Foot .489 lbs; per Bag Weight 97.8 lbs.  
CTS-020 Weight per Foot .830 lbs; per Bag Weight 83 lbs.

**CPVC CTS Coiled Pipe - SDR 11**  
100 ft. Coil, Price Per Foot



List Price Per Foot

CTS-005-100	1/2	100	0	034	1.03
CTS-007-100	3/4	100	0	034	1.86
CTS-010-100	1	100	0	034	3.67

- Pipe sold in coil quantities only - no broken coils
- No return on Coiled Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

CPVC CTS COILED PIPE WEIGHTS:

CTS-005-100 Weight per Foot .090 lbs; per Coil Weight 9 lbs.  
CTS-007-100 Weight per Foot .149 lbs; per Coil Weight 14.9 lbs.  
CTS-010-100 Weight per Foot .239 lbs; per Coil Weight 23.9 lbs.

WARNING:

Banded coils will expand when opened. Exercise caution to avoid injury during banding removal.

**CTS TUBING STRAPS**  
Std Pk Bag of 25 For Anchoring CTS Pipe



Sold in Full Bag Quantity Only

556A	1/2	25	500	901	.89
556B	3/4	25	500	901	.89

**CTS TUBE TALON with NAIL**  
Std Pk Bag Quantities as Specified. For Anchoring CTS Pipe



Sold in Full Bag Quantity Only

555A	1/2	100	1000	901	.99
555B	3/4	100	1000	901	1.50
555C	1	50	500	901	4.22

**EverTUFF® CTS One Step CPVC Solvent Cement**



CTS5-005	1/4 Pint	24	0	701	8.05
CTS5-010	1/2 Pint	24	0	701	12.80
CTS5-020	Pint	12	0	701	20.75
CTS5-030	Quart	12	0	701	36.10

**Cap Daubers**



DHP-38	3/8" for 1/2 Pint	50	0	710	1.10
DHP-50	1/2" for 1/2 Pint	50	0	710	1.10
DHP-75	3/4" for 1/2 Pint	50	0	710	1.17



**CTS CPVC Hot & Cold Water Distribution System  
EverTUFF® CPVC CTS Fittings, Valves & Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cap Daubers (continued)**

DP-50	<b>1/2" for Pint</b>	50	0	710	1.10
DP-75	<b>3/4" for Pint</b>	50	0	710	1.17
DP-125	<b>1-1/4" for Pint</b>	50	0	710	1.41
DQ-50	<b>1/2" for Quart</b>	50	0	710	1.10
DQ-75	<b>3/4" for Quart</b>	50	0	710	1.10
DQ-125	<b>1-1/4" for Quart</b>	50	0	710	1.41

3/8" Diameter for pipe sizes to 3/4"  
 1/2" Diameter for pipe sizes to 1"  
 3/4" Diameter for pipe size to 1-1/2"  
 1-1/4" Diameter for pipe size 1-1/2" to 3"

**Can-Mate Daubers**

**Adjustable Plastic Applicator with Telescoping Stem for use with Standard 1/2 Pint, Pint and Quart Cans**



CM-50	<b>1/2"</b>	50	0	710	4.70
CM-75	<b>3/4"</b>	50	0	710	4.70
CM-150	<b>1-1/4"</b>	50	0	710	4.70

1/2" Diameter for pipe sizes to 1"  
 3/4" Diameter for pipe size to 1-1/2"  
 1-1/4" Diameter for pipe size 1-1/2" to 3"

**Deburring Tool**

**Cone Type for pipe from 1/2" through 2"**



DEB-2	<b>1/2 to 2 Pipe</b>	1	6	710	87.25
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**High Purity PVC System  
Low-Extractable Piping For Ultra-Pure Water Systems**



**Spears® Low-Extractable SCHEDULE 80 PIPE**

NOMINAL PIPE SIZE	PART NUMBER	AVG. OD	AVG. ID	MIN. WALL	MAX. W.P. PSI*	LBS/FT	LGTHS/ CARTONS
1/2"	LXT-005	.840	.528	.147	420	.202	22
3/4"	LXT-007	1.050	.724	.154	340	.273	22
1"	LXT-010	1.315	.935	.179	320	.402	18
1-1/4"	LXT-012	1.660	1.256	.191	260	.554	14
1-1/2"	LXT-015	1.900	1.476	.200	240	.673	11
2"	LXT-020	2.375	1.913	.218	200	.932	8
3"	LXT-030	3.500	2.864	.300	190	1.903	5
4"	LXT-040	4.500	3.786	.337	160	2.782	2
6"	LXT-060	6.625	5.709	.432	140	5.313	1

\* PSI water, non-shock @ 73°F (23°C) with solvent welded connections.  
Standard Length - 15 feet. All pipe is double-bagged and boxed on-line for high purity environments.



## High Purity PVC System Low-Extractable Piping For Ultra-Pure Water Systems

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Spears® Low-Extractable Schedule 80 Pipe 15' Lengths, Price Per Foot

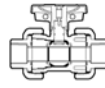


List Price Per Foot

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
LXT-005	1/2	300	0	064	4.57
LXT-007	3/4	255	0	064	6.19
LXT-010	1	150	0	064	9.12
LXT-012	1-1/4	120	0	064	12.62
LXT-015	1-1/2	105	0	064	15.27
LXT-020	2	75	0	064	21.18
LXT-030	3	45	0	064	43.20
LXT-040	4	30	0	064	63.15
LXT-060	6	15	0	064	146.40

See Spears® Low-Extractable Schedule 80 Pipe Chart for additional information.

### Spears® True Union 2000 Industrial Ball Valves w/Handle Lockout & Safe-T-Block™

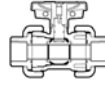


#### Design

#### EPDM O-ring

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
1829-005BL	1/2	1	18	066	88.87
1829-007BL	3/4	1	18	066	108.91
1829-010BL	1	1	12	066	138.17
1829-012BL	1-1/4	1	8	066	183.15
1829-015BL	1-1/2	1	8	066	239.51
1829-020BL	2	1	4	066	338.14
1822-030BL	3	1	0	066	625.70
1822-040BL	4	1	0	066	1057.79
1822-060BL	6	1	0	066	1929.60

### Spears® True Union 2000 Industrial Ball Valves w/Handle Lockout & Safe-T-Block™



#### Design

#### Viton® O-rings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
1839-005BL	1/2	1	18	066	103.79
1839-007BL	3/4	1	18	066	122.77
1839-010BL	1	1	12	066	166.33
1839-012BL	1-1/4	1	8	066	232.05
1839-015BL	1-1/2	1	8	066	303.89
1839-020BL	2	1	4	066	397.76
1832-030BL	3	1	0	066	773.04
1832-040BL	4	1	0	066	1306.13
1832-060BL	6	1	0	066	2163.51

### Spears® True Union 2000 Industrial T-Style Ball Valve



#### EPDM

#### Safe-T-Block™ Design

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
182901-005BL	1/2	1	12	066	339.95
182901-007BL	3/4	1	8	066	371.46
182901-010BL	1	1	8	066	314.64
182901-012BL	1-1/4	1	0	066	350.97
182901-015BL	1-1/2	1	0	066	363.66
182901-020BL	2	1	0	066	388.50
182901-101BL	3/4X1/2	1	12	066	345.54
182901-130BL	1X1/2	1	8	066	358.49
182901-131BL	1X3/4	1	8	066	378.47
182901-166BL	1-1/4X1/2	1	8	066	383.50
182901-167BL	1-1/4X3/4	1	8	066	385.48
182901-168BL	1-1/4X1	1	8	066	441.86
182901-209BL	1-1/2X1/2	1	8	066	430.73
182901-210BL	1-1/2X3/4	1	8	066	385.48
182901-211BL	1-1/2X1	1	8	066	458.52
182901-247BL	2X1/2	1	8	066	491.86
182901-248BL	2X3/4	1	8	066	530.73
182901-249BL	2X1	1	8	066	558.56
182901-251BL	2X1-1/2	1	8	066	579.06
182901-333BL	3X1/2	1	0	066	647.51

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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Spears® True Union 2000 Industrial T-Style Ball Valve (continued)

#### EPDM

182901-335BL	3X1	1	0	066	806.22
182901-337BL	3X1-1/2	1	0	066	772.53
182901-338BL	3X2	1	0	066	847.59
182901-417BL	4X1	1	0	066	833.68
182901-419BL	4X1-1/2	1	0	066	928.18
182901-420BL	4X2	1	0	066	1106.01
182901-528BL	6X2	1	0	066	1444.63
182901-578BL	8X2	1	0	066	2131.46

Includes Plugged end with additional Socket and Threaded end connectors.

### Spears® True Union 2000 Industrial T-Style Ball Valve



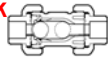
#### Viton®

#### Safe-T-Block™ Design

183901-005BL	1/2	1	12	066	355.96
183901-007BL	3/4	1	8	066	389.84
183901-010BL	1	1	8	066	406.04
183901-015BL	1-1/2	1	0	066	419.47
183901-020BL	2	1	4	066	477.63
183901-101BL	3/4X1/2	1	12	066	361.57
183901-130BL	1X1/2	1	8	066	374.52
183901-131BL	1X3/4	1	8	066	396.85
183901-166BL	1-1/4X1/2	1	8	066	399.52
183901-167BL	1-1/4X3/4	1	8	066	403.86
183901-168BL	1-1/4X1	1	8	066	469.44
183901-209BL	1-1/2X1/2	1	8	066	399.52
183901-210BL	1-1/2X3/4	1	8	066	403.86
183901-211BL	1-1/2X1	1	8	066	469.44
183901-247BL	2X1/2	1	8	066	507.91
183901-248BL	2X3/4	1	8	066	549.12
183901-249BL	2X1	1	8	066	586.15
183901-251BL	2X1-1/2	1	8	066	690.26
183901-333BL	3X1/2	1	0	066	663.52
183901-335BL	3X1	1	0	066	705.66
183901-337BL	3X1-1/2	1	0	066	806.97
183901-338BL	3X2	1	0	066	911.69
183901-417BL	4X1	1	0	066	861.27
183901-419BL	4X1-1/2	1	0	066	962.59
183901-420BL	4X2	1	0	066	1170.15
183901-528BL	6X2	1	0	066	1508.76
183901-578BL	8X2	1	0	066	2195.57

Includes Plugged end with additional Socket and Threaded end connectors.

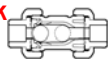
### Spears® True Union 2000 Industrial Ball Check Valves



#### EPDM O-rings

4529-005BL	1/2	1	18	066	130.07
4529-007BL	3/4	1	18	066	157.15
4529-010BL	1	1	18	066	179.90
4529-012BL	1-1/4	1	12	066	318.63
4529-015BL	1-1/2	1	8	066	337.06
4529-020BL	2	1	8	066	563.57
4522-030BL	3	1	0	066	791.18
4522-040BL	4	1	0	066	1484.14

### Spears® True Union 2000 Industrial Ball Check Valves



#### Viton® O-rings

4539-005BL	1/2	1	18	066	144.15
4539-007BL	3/4	1	18	066	173.40
4539-010BL	1	1	18	066	195.28
4539-012BL	1-1/4	1	12	066	330.54
4539-015BL	1-1/2	1	8	066	357.83
4539-020BL	2	1	8	066	585.26



## High Purity PVC System Low-Extractable Piping For Ultra-Pure Water Systems



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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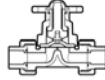
### Spears® True Union 2000 Industrial Ball Check Valves (continued)

Viton® O-rings

4532-030BL	3	1	0	066	842.69
4532-040BL	4	1	0	066	1563.68

### Spears® Diaphragm Valves

EPDM O-ring Seals EPDM Backed PTFE Diaphragm

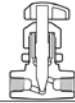


2729T-005BL	1/2	1	12	066	245.28
2729T-007BL	3/4	1	8	066	263.52
2729T-010BL	1	1	8	066	308.02
2729T-012BL	1-1/4	1	4	066	416.39
2729T-015BL	1-1/2	1	4	066	505.38
2729T-020BL	2	1	0	066	663.96

Note: Both socket and threaded end connectors are provided with valve sizes 1/2" -2" Diaphragm valves. Valves carry a maximum pressure rating of 150 psi for water, non-shock, @ 73°F (23°C).

### Spears® Needle Valve

Globe Pattern - FIPT

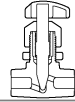


5591-002BL	1/4	1	18	066	118.64
5591-003BL	3/8	1	18	066	118.64

Replaceable PTFE Stem Seal - no elastomer or lubricants used. Needle valves carry a maximum internal pressure rating of 235 psi at 73°F (23°C).

### Spears® Needle Valve

Globe Pattern - Soc

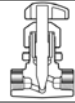


5592-002BL	1/4	1	18	066	118.64
5592-003BL	3/8	1	18	066	118.64
5592-005BL	1/2	1	18	066	123.45

Replaceable PTFE Stem Seal - no elastomer or lubricants used. Needle valves carry a maximum internal pressure rating of 235 psi at 73°F (23°C).

### Spears® Needle Valve

Globe Pattern - SR FIPT

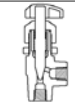


5591-005BLSR	1/2	1	18	066	125.94
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Replaceable PTFE Stem Seal - no elastomer or lubricants used. Needle valves carry a maximum internal pressure rating of 235 psi at 73°F (23°C).

### Spears® Needle Valve

Angle Pattern - FIPT

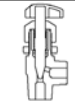


5691-002BL	1/4	1	18	066	118.64
5691-003BL	3/8	1	18	066	118.64

Replaceable PTFE Stem Seal - no elastomer or lubricants used. Needle valves carry a maximum internal pressure rating of 235 psi at 73°F (23°C).

### Spears® Needle Valve

Angle Pattern - Soc

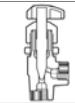


5692-002BL	1/4	1	18	066	118.64
5692-003BL	3/8	1	18	066	118.64
5692-005BL	1/2	1	18	066	125.94

Replaceable PTFE Stem Seal - no elastomer or lubricants used. Needle valves carry a maximum internal pressure rating of 235 psi at 73°F (23°C).

### Spears® Needle Valve

Angle Pattern - SR FIPT



5691-005BLSR	1/2	1	18	066	125.94
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Replaceable PTFE Stem Seal - no elastomer or lubricants used. Needle valves carry a maximum internal pressure rating of 235 psi at 73°F (23°C).

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Spears® Gauge Guards

PTFE Diaphragm 1/4" Inlet Connection



G0004-002BL	No Gauge	1	18	623	134.77
G30V4-002BL	0-30 in-Hg	1	18	623	208.44
G0154-002BL	0-15 psi	1	18	623	197.00
G0304-002BL	0-30 psi	1	18	623	197.00
G0604-002BL	0-60 psi	1	18	623	197.00
G1004-002BL	0-100 psi	1	18	623	197.00
G1604-002BL	0-160 psi	1	18	623	197.00
G2004-002BL	0-200 psi	1	18	623	197.00
G3004-002BL	0-300 psi	1	18	623	197.00

\*No Gauge\* designates Gauge Guard only, unfilled. Other units are pre-filled and factory assembled with gauge specified in Size column. Gauge Guards carry a maximum pressure rating to 235 psi @ 73°F (23°C) and full vacuum service on vacuum gauges. All inlet connections are Spears® patented Special Reinforced (SR) female plastic NPT thread.

### Spears® Gauge Guards

PTFE Diaphragm 1/2" Inlet Connection



G0004-005BL	No Gauge	1	18	623	134.77
G30V4-005BL	0-30 in-Hg	1	18	623	208.44
G0154-005BL	0-15 psi	1	18	623	197.00
G0304-005BL	0-30 psi	1	18	623	197.00
G0604-005BL	0-60 psi	1	18	623	197.00
G1004-005BL	0-100 psi	1	18	623	197.00
G1604-005BL	0-160 psi	1	18	623	197.00
G2004-005BL	0-200 psi	1	18	623	197.00
G3004-005BL	0-300 psi	1	18	623	197.00

\*No Gauge\* designates Gauge Guard only, unfilled. Other units are pre-filled and factory assembled with gauge specified in Size column. Gauge Guards carry a maximum pressure rating to 235 psi @ 73°F (23°C) and full vacuum service on vacuum gauges. All inlet connections are Spears® patented Special Reinforced (SR) female plastic NPT thread.

### Spears® Gauge Guards

Viton® Diaphragm 1/4" Inlet Connection



G0003-002BL	No Gauge	1	18	623	134.77
G30V3-002BL	0-30 in-Hg	1	18	623	208.44
G0153-002BL	0-15 psi	1	18	623	197.00
G0303-002BL	0-30 psi	1	18	623	197.00
G0603-002BL	0-60 psi	1	18	623	197.00
G1003-002BL	0-100 psi	1	18	623	197.00
G1603-002BL	0-160 psi	1	18	623	197.00
G2003-002BL	0-200 psi	1	18	623	197.00
G3003-002BL	0-300 psi	1	18	623	197.00

\*No Gauge\* designates Gauge Guard only, unfilled. Other units are pre-filled and factory assembled with gauge specified in Size column. Gauge Guards carry a maximum pressure rating to 235 psi @ 73°F (23°C) and full vacuum service on vacuum gauges. All inlet connections are Spears® patented Special Reinforced (SR) female plastic NPT thread.

### Spears® Gauge Guards

Viton® Diaphragm 1/2" Inlet Connection



G0003-005BL	No Gauge	1	18	623	134.77
G30V3-005BL	0-30 in-Hg	1	18	623	208.44
G0153-005BL	0-15 psi	1	18	623	197.00
G0303-005BL	0-30 psi	1	18	623	197.00
G0603-005BL	0-60 psi	1	18	623	197.00
G1003-005BL	0-100 psi	1	18	623	197.00
G1603-005BL	0-160 psi	1	18	623	197.00
G2003-005BL	0-200 psi	1	18	623	197.00
G3003-005BL	0-300 psi	1	18	623	197.00



## High Purity PVC System Low-Extractable Piping For Ultra-Pure Water Systems

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Spears® Gauge Guards (continued)

#### Viton® Diaphragm 1/2" Inlet Connection

\*No Gauge\* designates Gauge Guard only, unfilled. Other units are pre-filled and factory assembled with gauge specified in Size column. Gauge Guards carry a maximum pressure rating to 235 psi @ 73°F (23°C) and full vacuum service on vacuum gauges. All inlet connections are Spears® patented Special Reinforced (SR) female plastic NPT thread.

### Spears® Gauge Guards

#### EPDM Diaphragm 1/4" Inlet Connection

G0002-002BL	No Gauge	1	18	623	129.38
G30V2-002BL	0-30 in-Hg	1	18	623	200.10
G0152-002BL	0-15 psi	1	18	623	189.14
G0302-002BL	0-30 psi	1	18	623	189.14
G0602-002BL	0-60 psi	1	18	623	189.14
G1002-002BL	0-100 psi	1	18	623	189.14
G1602-002BL	0-160 psi	1	18	623	189.14
G2002-002BL	0-200 psi	1	18	623	189.14
G3002-002BL	0-300 psi	1	18	623	189.14

\*No Gauge\* designates Gauge Guard only, unfilled. Other units are pre-filled and factory assembled with gauge specified in Size column. Gauge Guards carry a maximum pressure rating to 235 psi @ 73°F (23°C) and full vacuum service on vacuum gauges. All inlet connections are Spears® patented Special Reinforced (SR) female plastic NPT thread.

### Spears® Gauge Guards

#### EPDM Diaphragm 1/2" Inlet Connection

G0002-005BL	No Gauge	1	18	623	129.38
G30V2-005BL	0-30 in-Hg	1	18	623	200.10
G0152-005BL	0-15 psi	1	18	623	189.14
G0302-005BL	0-30 psi	1	18	623	189.14
G0602-005BL	0-60 psi	1	18	623	189.14
G1002-005BL	0-100 psi	1	18	623	189.14
G1602-005BL	0-160 psi	1	18	623	189.14
G2002-005BL	0-200 psi	1	18	623	189.14
G3002-005BL	0-300 psi	1	18	623	189.14

\*No Gauge\* designates Gauge Guard only, unfilled. Other units are pre-filled and factory assembled with gauge specified in Size column. Gauge Guards carry a maximum pressure rating to 235 psi @ 73°F (23°C) and full vacuum service on vacuum gauges. All inlet connections are Spears® patented Special Reinforced (SR) female plastic NPT thread.

### LX-5 Low Extractable One-Step Cement

LX5C-020	Pint	12	0	702	30.32
LX5C-030	Quart	12	0	702	48.91

### Empty Can

MT-654	Pint	12	0	710	6.61
MT-651	Quart	12	0	710	7.46
MT-653	Quart	12	0	710	7.46

MT-651 & MT-654 cans have 1-3/4" Screw Neck size  
MT-653 is a TT Paint Type can

### Brush

PB1	1	100	0	710	9.03
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Fits 1-3/4" Screw Cap

### Roller

3020	3" length	24	0	710	14.32
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Roller (continued)

Fits Paint Type Quart Can (MT-653). For use with pipe sizes 3" to 6"

### Cap Dauber

DP-75	3/4" for Pint	50	0	710	1.17
DP-125	1-1/4" for Pint	50	0	710	1.41
DQ-125	1-1/4" for Quart	50	0	710	1.41

1/2" Diameter for pipe sizes to 1"  
3/4" Diameter for pipe size to 1-1/2"  
1-1/4" Diameter for pipe size 1-1/2" to 3"

### Can-Mate Dauber

CM-75	3/4"	50	0	710	4.70
CM-150	1-1/4"	50	0	710	4.70

1/2" Diameter for pipe sizes to 1"  
3/4" Diameter for pipe size to 1-1/2"  
1-1/4" Diameter for pipe size 1-1/2" to 3"

### Deburring Tool

#### Cone Type for pipe from 1/2" through 2"

DEB-2	1/2 to 2 Pipe	1	6	710	87.25
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### Tee Soc

801-005BL	1/2	25	0	065	6.91
801-007BL	3/4	15	120	065	8.44
801-010BL	1	15	0	065	12.44
801-012BL	1-1/4	10	0	065	19.38
801-015BL	1-1/2	10	0	065	29.10
801-020BL	2	10	0	065	46.20
801-030BL	3	5	0	065	133.48
801-040BL	4	5	0	065	223.18
801-060BL	6	4	0	065	334.78

### Reducing Tee Soc

801-131BL	1X1X3/4	15	0	065	11.61
801-211BL	1-1/2X1-1/2X1	10	0	065	25.22
801-249BL	2X2X1	10	0	065	31.93
801-251BL	2X2X1-1/2	10	0	065	31.93
801-338BL	3X3X2	5	0	065	58.55
801-422BL	4X4X3	5	0	065	94.65
801-530BL	6X6X3	4	0	065	401.56
801-532BL	6X6X4	5	0	065	401.56

### 90° Ell Soc

806-005BL	1/2	20	160	065	4.28
806-007BL	3/4	20	160	065	5.12
806-010BL	1	10	80	065	10.15
806-012BL	1-1/4	10	0	065	16.20
806-015BL	1-1/2	10	0	065	23.97
806-020BL	2	25	0	065	40.49
806-030BL	3	5	0	065	103.83
806-040BL	4	5	0	065	191.66
806-060BL	6	4	0	065	287.49

## High Purity PVC System Low-Extractable Piping For Ultra-Pure Water Systems



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### 90° Sweep Ell Soc



806-005SBL	1/2	25	100	065	6.11
806-007SBL	3/4	25	0	065	7.32
806-010SBL	1	25	0	065	14.50
806-012SBL	1-1/4	25	0	065	23.15
806-015SBL	1-1/2	25	0	065	34.22
806-020SBL	2	25	0	065	57.85

### 45° Ell Soc



817-005BL	1/2	20	240	065	6.85
817-007BL	3/4	10	120	065	9.37
817-010BL	1	15	120	065	11.24
817-012BL	1-1/4	10	0	065	19.54
817-015BL	1-1/2	10	0	065	21.67
817-020BL	2	10	0	065	34.22
817-030BL	3	5	0	065	128.74
817-040BL	4	5	0	065	187.80
817-060BL	6	5	0	065	281.70

### Coupling Soc



829-005BL	1/2	25	300	065	3.09
829-007BL	3/4	15	180	065	3.54
829-010BL	1	15	120	065	6.52
829-012BL	1-1/4	10	80	065	9.83
829-015BL	1-1/2	10	0	065	20.27
829-020BL	2	10	0	065	29.10
829-030BL	3	5	0	065	47.34
829-040BL	4	5	0	065	86.12
829-060BL	6	4	0	065	182.83

### Reducer Coupling Soc



829-101BL	3/4X1/2	50	0	065	8.23
829-131BL	1X3/4	25	200	065	11.99
829-168BL	1-1/4X1	25	0	065	24.35
829-211BL	1-1/2X1	25	0	065	25.54
829-212BL	1-1/2X1-1/4	25	0	065	31.55
829-249BL	2X1	10	0	065	28.80
829-251BL	2X1-1/2	10	0	065	28.80
829-338BL	3X2	8	0	065	70.67
829-420BL	4X2	4	0	065	134.74
829-422BL	4X3	4	0	065	129.67
829-532BL	6X4	4	0	065	496.94

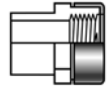
### Special Reinforced Female Adapter Soc x SR Fipt



835-005SRBL	1/2	25	300	065	6.40
835-007SRBL	3/4	25	200	065	7.85
835-010SRBL	1	25	0	065	12.62
835-012SRBL	1-1/4	10	80	065	16.29
835-015SRBL	1-1/2	10	80	065	20.38
835-020SRBL	2	10	0	065	38.64
835-030SRBL	3	5	0	065	52.24
835-040SRBL	4	5	0	065	83.84

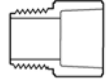
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Special Reinforced Reducing Spigot Female Adapter Spig x SR Fipt



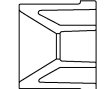
878-072SRBL	1/2X1/4	25	450	065	12.76
878-098SRBL	3/4X1/4	50	300	065	17.62
878-128SRBL	1X1/4	50	0	065	18.13

### Male Adapter Mipt x Soc



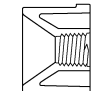
836-005BL	1/2	25	300	065	7.84
836-007BL	3/4	25	200	065	8.66
836-010BL	1	10	80	065	15.01
836-012BL	1-1/4	10	80	065	17.55
836-015BL	1-1/2	10	80	065	25.22
836-020BL	2	10	0	065	36.45
836-030BL	3	5	0	065	57.51
836-040BL	4	5	0	065	81.80

### Reducer Bushing Flush Style Spig x Soc



837-101BL	3/4X1/2	50	0	065	4.66
837-130BL	1X1/2	50	0	065	6.88
837-131BL	1X3/4	50	0	065	6.88
837-166BL	1-1/4X1/2	25	200	065	9.76
837-168BL	1-1/4X1	25	200	065	9.76
837-210BL	1-1/2X3/4	25	0	065	13.28
837-211BL	1-1/2X1	25	200	065	13.28
837-212BL	1-1/2X1-1/4	25	200	065	13.28
837-249BL	2X1	10	80	065	18.96
837-251BL	2X1-1/2	10	80	065	18.96
837-338BL	3X2	10	0	065	52.12
837-422BL	4X3	6	0	065	90.22
837-532BL	6X4	5	0	065	143.34

### Reducer Bushing Flush Style Spig x Fipt



838-072BL	1/2X1/4	50	400	065	5.97
838-073BL	1/2X3/8	50	600	065	5.97
838-098BL	3/4X1/4	50	0	065	3.94
838-101BL	3/4X1/2	50	0	065	3.94
838-129BL	1X3/8	50	400	065	6.21
838-130BL	1X1/2	50	0	065	6.21
838-131BL	1X3/4	50	0	065	6.21
838-210BL	1-1/2X3/4	25	200	065	16.31
838-211BL	1-1/2X1	25	200	065	16.31

### Cap Soc



847-005BL	1/2	25	300	065	6.60
847-007BL	3/4	25	300	065	6.93
847-010BL	1	15	180	065	12.31
847-012BL	1-1/4	10	120	065	14.87
847-015BL	1-1/2	10	80	065	21.23
847-020BL	2	10	80	065	29.36
847-030BL	3	5	0	065	70.19
847-040BL	4	5	0	065	118.33
847-060BL	6	4	0	065	399.90



## High Purity PVC System Low-Extractable Piping For Ultra-Pure Water Systems

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Union

Soc x Soc EPDM O-ring Seals



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

897-005BL	1/2	10	60	065	11.81
897-007BL	3/4	10	40	065	14.82
897-010BL	1	10	40	065	19.38
897-012BL	1-1/4	5	20	065	27.95
897-015BL	1-1/2	5	0	065	38.22
897-020BL	2	5	0	065	57.62
8097-030BL	3	5	0	065	97.59
8097-040BL	4	4	0	065	135.03

### Union

Soc x Soc Viton® O-ring Seals



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

857-005BL	1/2	10	60	065	14.50
857-007BL	3/4	10	40	065	17.69
857-010BL	1	10	40	065	24.52
857-012BL	1-1/4	5	20	065	33.09
857-015BL	1-1/2	5	0	065	46.20
857-020BL	2	5	0	065	70.16
8057-030BL	3	5	0	065	118.99
8057-040BL	4	4	0	065	164.70

### Flange Soc Van Stone Style

Rated @ 150 psi Working Pressure @ 73°F (23°C)



854-005BL	1/2	25	0	065	20.33
854-007BL	3/4	25	0	065	21.76
854-010BL	1	15	0	065	24.23
854-012BL	1-1/4	15	0	065	24.98
854-015BL	1-1/2	20	0	065	25.50
854-020BL	2	10	0	065	33.89
854-030BL	3	10	0	065	57.87
854-040BL	4	5	0	065	73.20
854-060BL	6	4	0	065	163.98

### PVC New Style Standard Tank Adapters with EPDM Gaskets

Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170E-005BL	1/2	25	0	065	39.74
8170E-007BL	3/4	25	0	065	45.10
8170E-010BL	1	25	0	065	51.77
8170E-012BL	1-1/4	20	0	065	65.52
8170E-015BL	1-1/2	20	0	065	68.76
8170E-020BL	2	15	0	065	99.11
8170E-030BL	3	4	0	065	167.60
8170E-040BL	4	2	0	065	278.22

### PVC New Style Standard Tank Adapters with Viton® Gaskets

Soc



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8170V-005BL	1/2	25	0	065	52.10
8170V-007BL	3/4	25	0	065	59.94
8170V-010BL	1	25	0	065	69.38
8170V-012BL	1-1/4	20	0	065	85.24
8170V-015BL	1-1/2	20	0	065	88.85
8170V-020BL	2	15	0	065	134.52
8170V-030BL	3	4	0	065	230.48
8170V-040BL	4	2	0	065	510.53

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Wrench Sets

Body Wrench & Nut Wrench



TAW-005	1/2	1	25	299	20.80
TAW-007	3/4	1	25	299	21.20
TAW-010	1	1	25	299	22.05
TAW-012	1-1/4	1	20	299	24.87
TAW-015	1-1/2	1	20	299	26.98
TAW-020	2	1	10	299	30.73
TAW-030	3	1	10	299	37.47
TAW-040	4	1	10	299	40.15

### Individual Body Wrench



TAW1-005	1/2	250	0	299	11.67
TAW1-007	3/4	220	0	299	11.89
TAW1-010	1	200	0	299	12.38
TAW1-012	1-1/4	300	0	299	14.02
TAW1-015	1-1/2	150	0	299	15.10
TAW1-020	2	100	0	299	16.39
TAW1-030	3	74	0	299	21.48
TAW1-040	4	35	0	299	22.10

### Individual Nut Wrench

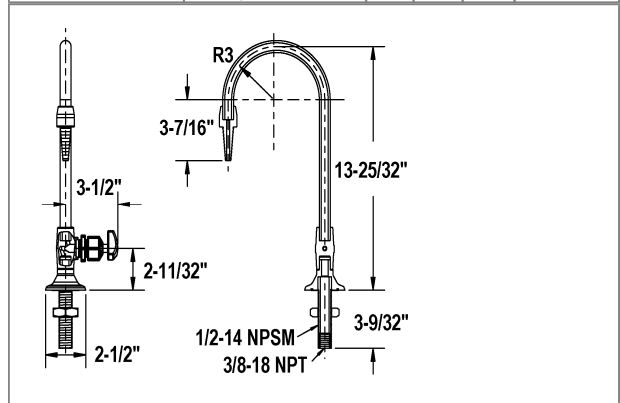


TAW2-005	1/2	200	0	299	11.67
TAW2-007	3/4	160	0	299	11.89
TAW2-010	1	110	0	299	12.38
TAW2-012	1-1/4	200	0	299	14.02
TAW2-015	1-1/2	120	0	299	15.10
TAW2-020	2	100	0	299	16.39
TAW2-030	3	40	0	299	21.48
TAW2-040	4	35	0	299	22.10

### Standard Deck Mount Lab Fixture

Base with Valve, Gooseneck & Serrated Tip with Needle Valve-Metered Flow

LF1000-BLN	LXT, PTFE Seal	1	0	066	357.55
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### Standard Deck Mount Lab Fixture

With Ball Valve-Direct Flow

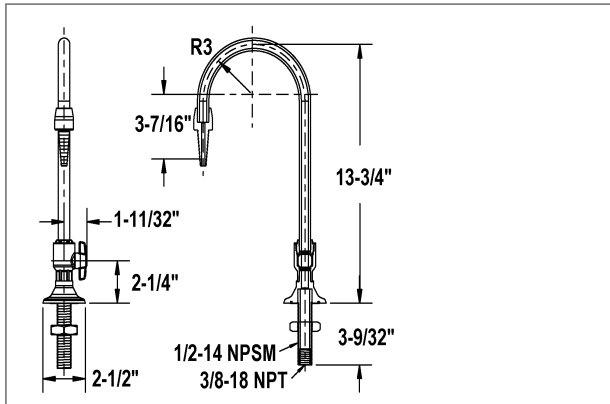
LF1002-BL	LXT, EPDM Seal	1	0	066	299.00
LF1003-BL	LXT, Viton® Seal	1	0	066	332.23

## High Purity PVC System Low-Extractable Piping For Ultra-Pure Water Systems



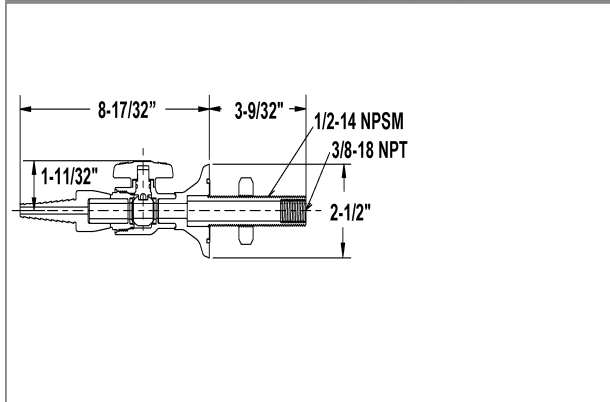
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### Standard Deck Mount Lab Fixture (continued) With Ball Valve-Direct Flow



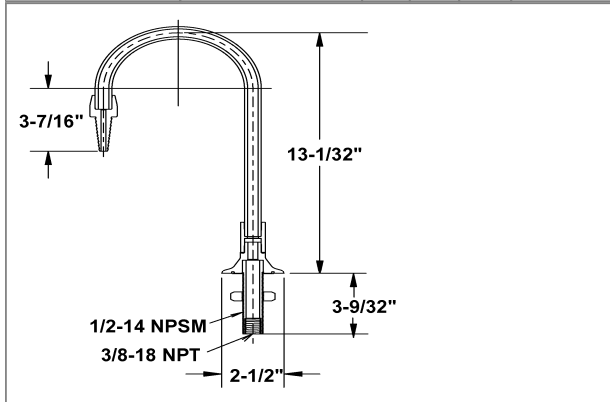
### Panel Mount Turret Lab Fixture Base with Valve & Serrated Tip with Ball Valve-Direct Flow

LF3002-BL	PVC, EPDM Seal	1	0	066	294.12
LF3003-BL	PVC, Viton® Seal	1	0	066	326.84



### Deck Mount Gooseneck Base with Gooseneck & Serrated Tip - For use with Remote Valve

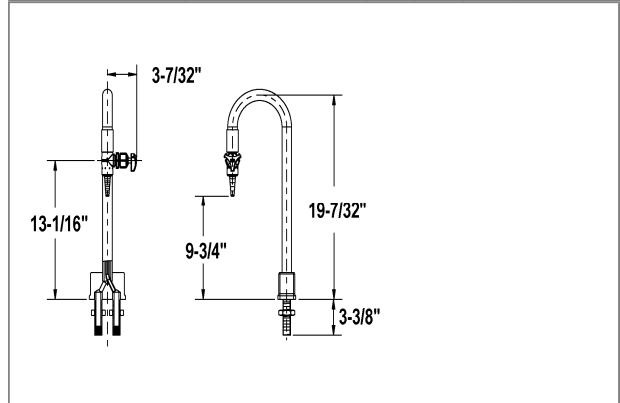
LF100-BL	LXT	1	0	066	245.37
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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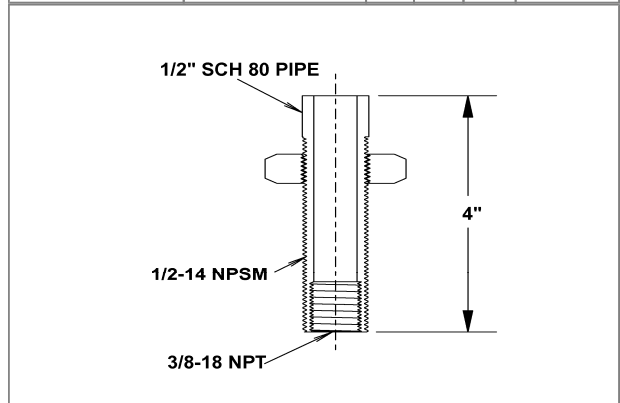
### Recirculating Deck Mount Lab Fixture Base with Gooseneck, Valve & Serrated Tip with Needle Valve - Metered Flow

LFR1000-BLN	LXT, PTFE Seal	1	0	066	744.85
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### Fixture Connection Nipple With Locknut (Included on all fixtures listed above)

LF500-BL	LXT	1	0	066	40.64
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### Standard & Recirculating Gooseneck Only

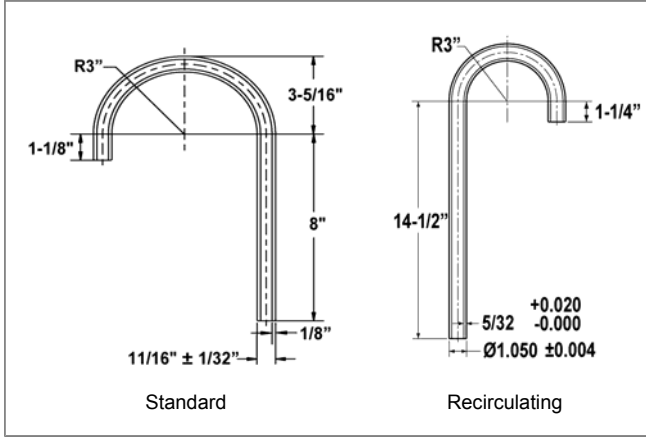
LFGN-BL	LXT	1	0	066	34.54
LFRGN-BL	LXT	1	0	066	48.40



**High Purity PVC System  
Low-Extractable Piping For Ultra-Pure Water Systems**

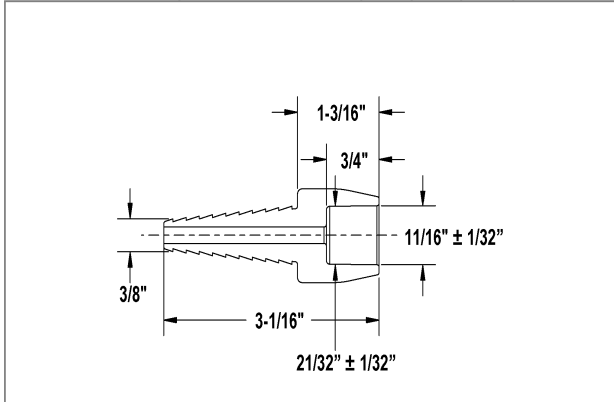
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Standard & Recirculating Gooseneck Only (continued)**



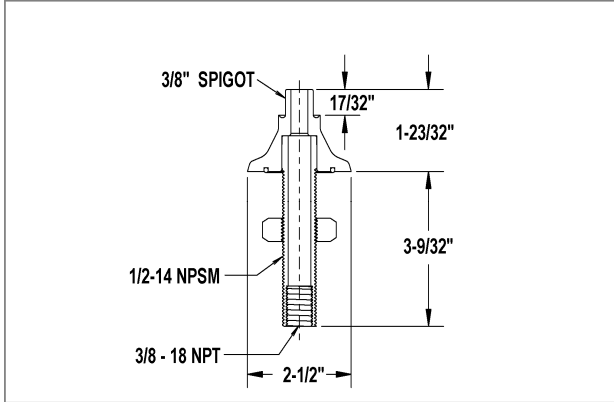
**Straight Serrated Tip Only**

LF400-BL	LXT	600	0	066	7.31
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**Base Only  
Deck Mount**

LFB-BL	LXT	1	0	066	5.11
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**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ CPVC Corrosive Waste Drainage Systems**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P093 Elastomer Transition Coupling - Glass/IPS Pipe**

IPS Clamp Joint x IPS Clamp Joint



For connection to plain end Glass or any same-size IPS pipe systems. Shielded FKM (Fluorocarbon) w/gear clamps.

P093-015	1-1/2	20	0	171	254.51
P093-020	2	10	0	171	265.40
P093-030	3	10	0	171	279.33
P093-040	4	10	0	171	828.44
P093-060	6	5	0	171	335.80

**P094 Elastomer Transition Coupling-Duriron**

IPS Clamp Joint x Duriron Clamp Joint



For connection to Duriron plain end pipe. Shielded FKM (Fluorocarbon) w/gear clamps.

P094-015	1-1/2	20	0	171	231.53
P094-020	2	10	0	171	245.37
P094-030	3	10	0	171	269.64
P094-040	4	10	0	171	298.07

**P095 Duriron Transition Fitting**

Mechanical Joint x Pipe Size



For connection to Duriron system. Requires Duriron mechanical joint coupling.

P095-015C	1-1/2	30	0	169	49.09
P095-020C	2	16	0	169	62.12
P095-030C	3	9	0	169	103.66
P095-040C	4	5	0	169	143.27

**P096 Grooved Coupling**

Grv x Soc



P096-015C	1-1/2	10	60	169	24.60
P096-020C	2	10	80	169	33.09
P096-030C	3	10	0	169	64.84
P096-040C	4	5	0	169	110.32
P096-060C	6	5	0	169	157.83

**P097 Duriron Transition Coupling**

Spig x Caulk Joint



For connection to Duriron system. Requires packing and plastic lead. Warning: Do not use hot lead or oiled Oakum

P097-015C	1-1/2	25	0	169	49.09
P097-020C	2	15	0	169	62.12
P097-030C	3	6	0	169	103.66
P097-040C	4	6	0	169	143.27

**P098 Glass Transition Coupling**

Spig x Clamp



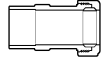
For connection to glass system. Requires use of clamp from glass system manufacturer.

P098-015C	1-1/2	50	0	169	36.82
P098-020C	2	30	0	169	49.69
P098-030C	3	20	0	169	77.73
P098-040C	4	12	0	169	100.30
P098-060C	6	12	0	169	174.15

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P099 Transition Coupling**

H x Compression



For connection to PP or PVDF systems. Requires Safety Retaining Groove Tool. Contact Spears®.

P099-015C	1-1/2	16	0	169	101.72
P099-020C	2	12	0	169	115.66
P099-030C	3	4	0	169	144.87
P099-040C	4	4	0	169	173.23
P099-060C	6	1	0	169	200.72
P099-080C	8	1	0	169	607.52

**P100 Coupling**

H x H



P100-015C	1-1/2	100	0	160	24.18
P100-020C	2	100	0	160	30.18
P100-030C	3	60	0	160	38.62
P100-040C	4	25	0	160	54.96
P100-060C	6	5	0	160	87.10
P100-080C	8	6	0	159	234.90
P100-100C	10	1	0	159	340.61
P100-120C	12	1	0	159	478.61
P100-140C	14	1	0	159	607.72

**P101 Female Adapter**

Fpt x H



P101-015C	1-1/2	100	0	160	19.02
P101-020C	2	100	0	160	25.91
P101-030C	3	30	0	160	42.76
P101-040C	4	6	0	160	82.19
P101-060C	6	10	0	160	137.69

**P102 Increaser - Reducer**

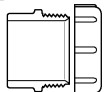
H x H



P102-251C	2X1-1/2	25	0	160	47.32
P102-337C	3X1-1/2	25	0	160	49.95
P102-338C	3X2	20	0	160	54.96
P102-420C	4X2	10	0	160	60.40
P102-422C	4X3	20	0	160	65.90
P102-530C	6X3	6	0	160	92.59
P102-532C	6X4	4	0	160	111.43
P102-582C	8X4	2	0	159	204.04
P102-585C	8X6	2	0	159	150.36
P102-624C	10X4	2	0	159	344.44
P102-626C	10X6	1	0	159	368.45
P102-628C	10X8	1	0	159	384.79
P102-666C	12X6	1	0	159	471.56
P102-668C	12X8	1	0	159	534.43
P102-670C	12X10	1	0	159	588.26

**P103P Trap Adapter - Male**

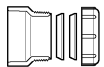
Spig x Slip with Plastic Nut



P103P-015C	1-1/2	50	0	160	20.11
P103P-020C	2	25	0	160	23.51

**P104R Trap Adapter - Female**

w/1-1/2 Plastic Nut & Washer and 1-1/2x1-1/4 Washer H x Slip w/Plastic Nut



P104R-015C	1-1/2	50	0	160	22.05
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**LabWaste™ CPVC Corrosive Waste Drainage System**  
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P104X Trap Adapter - Female**  
H x Slip w/Chrome Nut & Washer



P104X-015C	1-1/2	50	0	160	23.46
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**P105 Cleanout Adapter**  
Spig x Fpt



P105-015C	1-1/2	50	0	160	19.02
P105-020C	2	50	0	160	20.34
P105-030C	3	25	0	160	39.20
P105-040C	4	10	0	160	70.03
P105-060C	6	10	0	160	123.24
P105-080C	8	8	0	159	190.68

**P105X Cleanout Adapter with Square Head Plug**  
Spig



P105X-015C	1-1/2	50	0	160	20.03
P105X-020C	2	50	0	160	23.61
P105X-030C	3	25	0	160	43.56
P105X-040C	4	10	0	160	74.94
P105X-060C	6	10	0	160	129.62
P105X-080C	8	6	0	159	352.88

**P106 Square Head Cleanout Plug**  
Mpt



P106-015C	1-1/2	50	400	160	6.93
P106-020C	2	50	0	160	7.57
P106-030C	3	25	0	160	13.22
P106-040C	4	30	0	160	14.83
P106-060C	6	10	0	160	34.61
P106-080C	8	12	0	159	178.90

**P107 Flush Bushing**  
Spig x H



P107-251C	2X1-1/2	50	0	160	25.78
P107-337C	3X1-1/2	30	0	160	27.26
P107-338C	3X2	30	0	160	29.72
P107-420C	4X2	30	0	160	65.94
P107-422C	4X3	30	0	160	67.48
P107-530C <sup>1</sup>	6X3	10	0	160	123.77
P107-532C	6X4	10	0	160	118.04
P107-582C	8X4	4	0	159	429.01
P107-585C	8X6	4	0	159	447.57
P107-624C <sup>1</sup>	10X4	4	0	159	833.64
P107-628C	10X8	4	0	159	655.87
P107-670C	12X10	2	0	159	817.72

<sup>1</sup>Outlet-sized with Bushing

**P109 Male Adapter**  
Mpt x H



P109-015C	1-1/2	50	0	160	18.81
P109-020C	2	50	0	160	22.77
P109-030C	3	25	0	160	37.44
P109-040C	4	25	0	160	78.05
P109-060C	6	7	0	160	209.85

**P110 Counter Sunk Cleanout Plug**  
Mpt



P110-015C	1-1/2	25	150	160	11.53
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P110 Counter Sunk Cleanout Plug (continued)**  
Mpt

P110-020C	2	25	150	160	12.53
P110-030C	3	50	0	160	12.95
P110-040C	4	25	0	160	14.57
P110-060C	6	10	0	160	31.59

**P116 Cap Socket**



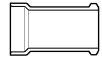
P116-015C	1-1/2	20	240	160	18.81
P116-020C	2	15	180	160	22.51
P116-030C	3	10	0	160	38.88
P116-040C	4	5	0	160	79.27
P116-060C	6	5	0	160	130.55
P116-080C	8	3	0	159	226.62

**P119 No-Hub Adapter**  
S x H



P119-015C	1-1/2	25	0	160	33.12
P119-020C	2	25	0	160	35.33
P119-030C	3	20	0	160	44.51
P119-040C	4	15	0	160	65.00
P119-060C	6	5	0	160	141.16

**P123 Hub Adapter**  
H x S



For connection to Cast Iron system. Requires packing and plastic lead.  
Warning: Do not use hot lead or oiled Oakum

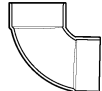
P123-020C	2	20	0	160	39.26
P123-030C	3	25	0	160	49.46

**P130 Repair Coupling**  
H x H



P130-015C	1-1/2	25	200	160	25.23
P130-020C	2	25	0	160	14.93
P130-030C	3	10	0	160	49.46
P130-040C	4	5	0	160	82.98

**P300 1/4 Bend (90° Ell)**  
H x H



P300-015C	1-1/2	100	0	160	30.95
P300-020C	2	50	0	160	38.46
P300-030C	3	25	0	160	65.29
P300-040C	4	10	0	160	103.90
P300-060C	6	4	0	160	268.87
P300-080C	8	2	0	159	374.76
P300-100C	10	1	0	159	866.13
P300-120C	12	1	0	159	1452.29

**P300S 1/4 Bend w/Side Inlet (90° Ell)**  
All Hub



P300S-338C	3X3X2	10	0	160	143.61
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**P302 1/4 Bend, Street (90° Street Ell)**  
H x Spig



P302-015C	1-1/2	100	0	160	36.35
P302-020C	2	25	0	160	46.13
P302-030C	3	20	0	160	61.76
P302-040C	4	10	0	160	98.12

**LabWaste™ CPVC Corrosive Waste Drainage System**  
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P302 1/4 Bend, Street (90° Street Ell) (continued)**

H x Spig

P302-060C	6	4	0	160	238.07
P302-080C	8	2	0	159	370.44
P302-100C	10	1	0	159	862.84
P302-120C	12	1	0	159	1437.44

**P303 1/4 Bend w/Low Heel Inlet**

H x H x H



P303-338C	3X3X2	25	0	160	90.30
P303-420C	4X4X2	6	0	160	186.40

**P304 1/4 Bend, Long Sweep (90° LS Ell)**

H x H



P304-015C	1-1/2	50	0	160	32.02
P304-020C	2	25	0	160	43.66
P304-030C	3	10	0	160	74.69
P304-040C	4	5	0	160	107.35
P304-060C	6	5	0	160	345.10

**P309 1/4 Bend Long Sweep, Street (90° LS Street Ell)**

H x Spig



P309-015C	1-1/2	50	0	160	33.68
P309-020C	2	25	0	160	45.14
P309-030C	3	20	0	160	76.87
P309-040C	4	5	0	160	109.24
P309-060C	6	5	0	160	280.12

**P319 1/6 Bend (60° Ell)**

H x H



P319-015C	1-1/2	40	0	160	31.03
P319-020C	2	25	0	160	37.46
P319-030C	3	20	0	160	67.67
P319-040C	4	10	0	160	108.49
P319-060CF	6	1	4	160	304.94

**P320 1/6 Bend, Street (60° Street Ell)**

H x Spig



P320-015C	1-1/2	40	0	160	31.03
P320-020C	2	25	0	160	37.46
P320-030C	3	20	0	160	68.37
P320-040C	4	10	0	160	108.49

**P321 1/8 Bend (45° Ell)**

H x H



P321-015C	1-1/2	100	0	160	30.41
P321-020C	2	50	0	160	37.05
P321-030C	3	25	0	160	67.99
P321-040C	4	15	0	160	77.05
P321-060C	6	5	0	160	225.07
P321-080C	8	1	0	159	324.53
P321-100C	10	1	0	159	618.77
P321-120C	12	1	0	159	1121.06

**P323 1/8 Bend, Street (45° Street Ell)**

H x Spig



P323-015C	1-1/2	100	0	160	23.04
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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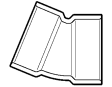
**P323 1/8 Bend, Street (45° Street Ell) (continued)**

H x Spig

P323-020C	2	50	0	160	26.16
P323-030C	3	25	0	160	57.99
P323-040C	4	10	0	160	59.51
P323-060C	6	5	0	160	213.81
P323-080C	8	1	0	159	246.27

**P324 1/16 Bend (22-1/2° Ell)**

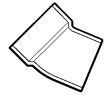
H x H



P324-015C	1-1/2	50	0	160	31.03
P324-020C	2	25	0	160	36.99
P324-030C	3	20	0	160	66.88
P324-040C	4	15	0	160	82.38
P324-060C	6	3	0	160	222.95
P324-080C	8	2	0	159	241.99

**P326 1/16 Bend, Street (22-1/2° Street Ell)**

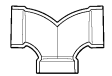
H x Spig



P326-015C	1-1/2	50	0	160	27.60
P326-020C	2	25	0	160	36.99
P326-030C	3	20	0	160	66.88
P326-040C	4	10	0	160	82.38
P326-060C	6	5	0	160	191.84
P326-080C	8	2	0	159	232.47

**P327 Double 1/4 Bend (3 Way Ell)**

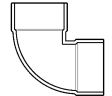
All Hub



P327-015C	1-1/2	20	0	160	62.47
P327-020C	2	25	0	160	109.18
P327-030C	3	15	0	160	139.57
P327-040C	4	6	0	160	152.77
P327-241C	2X1-1/2X1-1/2	25	0	160	100.87

**P331 Vent Ell**

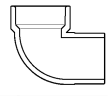
H x H



P331-015C	1-1/2	25	0	160	30.68
P331-020C	2	30	0	160	35.97
P331-030C	3	25	0	160	62.23
P331-040C	4	10	0	160	99.81
P331-060C	6	5	0	160	154.80

**P333 Vent Ell, Street**

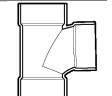
H x Spig



P333-015C	1-1/2	25	0	160	32.81
P333-020C	2	20	0	160	38.84
P333-030C	3	25	0	160	69.15
P333-040C	4	10	0	160	110.89

**P400 Sanitary Tee**

All Hub



P400-015C	1-1/2	100	0	160	38.46
P400-020C	2	35	0	160	46.06
P400-030C	3	30	0	160	92.19
P400-040C	4	5	0	160	138.07
P400-060C	6	6	0	160	391.21
P400-080C	8	2	0	159	641.32
P400-100C	10	1	0	159	1438.62
P400-120C	12	1	0	159	2027.30



**LabWaste™ CPVC Corrosive Waste Drainage System**  
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P401 Sanitary Tee, Reducing**  
All Hub



P401-241C	2X1-1/2X1-1/2	25	0	160	45.98
P401-251C	2X2X1-1/2	50	0	160	45.98
P401-257C	2X1-1/2X2	25	0	160	48.06
P401-337C	3X3X1-1/2	10	0	160	80.01
P401-338C	3X3X2	10	0	160	86.02
P401-420C	4X4X2	10	0	160	123.37
P401-422C	4X4X3	10	0	160	128.90
P401-532C	6X4	4	0	160	322.28
P401-582C	8X4	2	0	159	1092.15

**P403 Sanitary Tee, Street**  
S x H x H



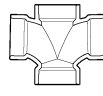
P403-015C	1-1/2	20	0	160	45.24
P403-020C	2	25	0	160	54.84
P403-030C	3	30	0	160	109.47
P403-040C	4	10	0	160	164.36
P403-060C	6	6	0	160	449.10
P403-080C	8	2	0	159	733.47
P403-100C	10	1	0	159	1747.29
P403-120C	12	1	0	159	2500.97

**P404 Sanitary Tee, Street, Reducing**  
S x H x H



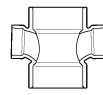
P404-241C	2X1-1/2X1-1/2	50	0	160	46.88
P404-251C	2X1-1/2	50	0	160	50.69
P404-337C	3X3X1-1/2	10	0	160	89.62
P404-338C	3X3X2	10	0	160	95.59

**P428 Double Sanitary Tee**  
All Hub



P428-015C	1-1/2	25	0	160	57.94
P428-020C	2	25	0	160	68.31
P428-030C	3	8	0	160	91.37
P428-040C	4	6	0	160	121.94

**P429 Double Sanitary Tee, Reducing**  
All Hub



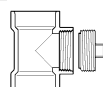
P429-241C	2X1-1/2X1-1/2X1-1/2	25	0	160	76.23
P429-251C	2X2X1-1/2X1-1/2	25	0	160	76.31
P429-337C	3X3X1-1/2X1-1/2	6	0	160	118.54
P429-338C	3X3X2X2	10	0	160	128.41
P429-419C	4X4X1-1/2X1-1/2	7	0	160	126.98
P429-420C	4X4X2X2	7	0	160	128.78
P429-422C	4X4X3X3	8	0	160	142.18

**P441 Vent Tee**  
All Hub



P441-020C	2	25	0	160	75.28
P441-030C	3	10	0	160	96.83
P441-040C	4	5	0	160	136.73
P441-060C	6	4	0	160	334.60
P441-080C	8	2	0	159	659.04

**P444X Cleanout Tee w/Plug**  
H x H x Fpt



P444X-015C	1-1/2	20	0	160	45.79
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P444X Cleanout Tee w/Plug (continued)**  
H x H x Fpt

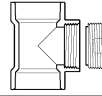
P444X-020C	2	10	0	160	50.59
P444X-030C	3	10	0	160	106.07
P444X-040C	4	10	0	160	144.45
P444X-060C	6	2	0	160	390.12

**P445 Cleanout Tee**  
H x H x Fpt



P445-015C	1-1/2	20	0	160	38.85
P445-020C	2	20	0	160	43.02
P445-030C	3	10	0	160	92.85
P445-040C	4	10	0	160	129.62
P445-060C	6	3	0	160	407.38

**P445X Cleanout Tee with Counter Sunk Plug**  
H x H



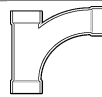
P445X-015C	1-1/2	20	0	160	45.79
P445X-020C	2	10	0	160	50.59
P445X-030C	3	10	0	160	106.07
P445X-040C	4	10	0	160	144.45
P445X-060C	6	3	0	160	436.71

**P500 Double Fixture Fitting**  
All Hub



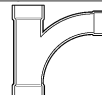
P500-020C	2X2X2X2	10	0	160	89.38
P500-030C	3X3X3X3	10	0	160	184.27
P500-241C	2X1-1/2X1-1/2X1-1/2	20	0	160	80.83
P500-251C	2X2X1-1/2X1-1/2	20	0	160	82.93
P500-338C	3X2X3X3	10	0	160	167.70

**P501 Combo Wye + 1/8 Bend (Long Turn Tee Wye)**  
All Hub



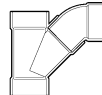
P501-015C	1-1/2	50	0	160	51.18
P501-020C	2	20	0	160	68.29
P501-030C	3	10	0	160	109.02
P501-040C	4	8	0	160	154.84

**P502 Combination Wye + 1/8 Bend Reducing (Long Turn Tee Wye)**  
All Hub



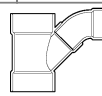
P502-251C	2X2X1-1/2	20	0	160	61.47
P502-337C	3X3X1-1/2	15	0	160	90.68
P502-338C	3X3X2	10	0	160	98.23
P502-420C	4X4X2	5	0	160	136.01
P502-422C	4X4X3	5	0	160	142.71
P502-578C	8X8X2	1	0	159	349.68

**P503 Combination Wye and 1/8 Bend (Two Piece)**  
All Hub



P503-060C	6	4	0	160	418.51
P503-080C	8	1	0	159	770.06
P503-100C	10	1	0	159	1002.55

**P504 Combination Wye and 1/8 Bend, Reducing (Two Piece)**  
All Hub



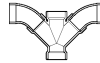
P504-241C	2X1-1/2X1-1/2	5	0	160	79.63
P504-528C	6X2	5	0	160	283.22
P504-530C	6X3	5	0	160	316.78
P504-532C	6X4	5	0	160	328.98

**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ CPVC Corrosive Waste Drainage Systems**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>P504 Combination Wye and 1/8 Bend, Reducing (Two Piece) (continued)</b>					
<b>All Hub</b>					
P504-582C	<b>8X4</b>	2	0	159	509.30
P504-585C	<b>8X6</b>	1	0	159	516.97
P504-623C	<b>10X3</b>	1	0	159	628.84
P504-624C	<b>10X4</b>	1	0	159	675.86
P504-626C	<b>10X6</b>	1	0	159	708.67
P504-628C	<b>10X8</b>	1	0	159	790.62
P504-664C	<b>12X4</b>	1	0	159	1494.26
P504-668C	<b>12X8</b>	1	0	159	1312.86
P504-670C	<b>12X10</b>	1	0	159	1511.28

**P507 Double Combination Wye and 1/8 Bend**  
**All Hub**



P507-020C	<b>2</b>	10	0	160	135.00
P507-030C	<b>3</b>	10	0	160	232.02
P507-040C	<b>4</b>	5	0	160	439.67
P507-060C	<b>6</b>	2	0	160	995.20
P507-338C	<b>3X3X2X2</b>	10	0	160	194.51
P507-422C	<b>4X4X3X3</b>	5	0	160	243.57
P507-530C	<b>6X6X3X3</b>	2	0	160	516.79
P507-532C	<b>6X6X4X4</b>	1	0	160	589.74

**P600 45° Wye**  
**All Hub**



P600-015C	<b>1-1/2</b>	50	0	160	39.20
P600-020C	<b>2</b>	25	0	160	54.99
P600-030C	<b>3</b>	25	0	160	98.00
P600-040C	<b>4</b>	8	0	160	142.85
P600-060C	<b>6</b>	4	0	160	362.65
P600-080C	<b>8</b>	1	0	159	394.73
P600-100C	<b>10</b>	1	0	159	621.33
P600-120C	<b>12</b>	1	0	159	1362.94

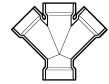
**P601 45° Wye, Reducing**  
**All Hub**



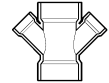
P601-241C	<b>2X1-1/2X1-1/2</b>	25	0	160	55.69
P601-251C	<b>2X2X1-1/2</b>	25	0	160	54.99
P601-337C	<b>3X3X1-1/2</b>	15	0	160	84.38
P601-338C	<b>3X3X2</b>	12	0	160	91.36
P601-419C	<b>4X4X1-1/2</b>	10	0	160	124.06
P601-420C	<b>4X4X2</b>	10	0	160	131.49
P601-422C	<b>4X4X3</b>	10	0	160	137.12
P601-528C <sup>1</sup>	<b>6X6X2</b>	5	0	160	268.03
P601-530C	<b>6X6X3</b>	6	0	160	232.96
P601-532C	<b>6X6X4</b>	5	0	160	235.50
P601-580C	<b>8X8X3</b>	2	0	159	268.07
P601-582C	<b>8X8X4</b>	1	0	159	274.33
P601-585C	<b>8X8X6</b>	1	0	159	305.31
P601-624C <sup>1</sup>	<b>10X10X4</b>	1	0	159	673.90
P601-626C	<b>10X10X6</b>	1	0	159	542.37
P601-628C	<b>10X10X8</b>	1	0	159	564.07
P601-661C <sup>1</sup>	<b>12X12X2</b>	1	0	159	1653.47
P601-663C <sup>1</sup>	<b>12X12X3</b>	1	0	159	1667.79
P601-664C <sup>1</sup>	<b>12X12X4</b>	1	0	159	1671.70
P601-666C <sup>1</sup>	<b>12X12X6</b>	1	0	159	1677.31
P601-668C <sup>1</sup>	<b>12X12X8</b>	1	0	159	1780.95
P601-670C <sup>1</sup>	<b>12X10</b>	1	0	159	1736.54

<sup>1</sup>Sized with Bushing

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>P611 Double Wye</b>					
<b>All Hub</b>					
P611-015C	<b>1-1/2</b>	40	0	160	73.56
P611-020C	<b>2</b>	20	0	160	77.76
P611-030C	<b>3</b>	15	0	160	140.56
P611-040C	<b>4</b>	5	0	160	320.65
P611-060C	<b>6</b>	2	0	160	557.62



**P612 Double Wye, Reducing**  
**All Hub**



P612-241C	<b>2X1-1/2X1-1/2X1-1/2</b>	10	0	160	114.61
P612-251C	<b>2X2X1-1/2X1-1/2</b>	10	0	160	116.67
P612-337C	<b>3X3X1-1/2X1-1/2</b>	10	0	160	130.07
P612-338C	<b>3X3X2X2</b>	15	0	160	143.57
P612-420C	<b>4X4X2X2</b>	5	0	160	278.04
P612-422C	<b>4X4X3X3</b>	5	0	160	284.05
P612-532C	<b>6X6X4X4</b>	5	0	160	480.69

**P335 Trap Elbow (for use with Traps only)**  
**H x S**



P335-030C	<b>3</b>	30	0	160	77.50
P335-040C	<b>4</b>	25	0	160	179.93

**P700 Return Bend**  
**H x H**



P700-015C	<b>1-1/2</b>	20	0	160	51.30
P700-020C	<b>2</b>	35	0	160	71.65
P700-030C	<b>3</b>	8	0	160	106.59
P700-040C	<b>4</b>	6	0	160	203.05
P700-060C	<b>6</b>	2	0	160	294.44
P700-080C	<b>8</b>	1	0	159	398.37

**P704P Tail Piece Adapter**  
**Spig x Slip w/Plastic Nut**



P704P-015C	<b>1-1/2</b>	25	0	160	20.11
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**P705 S-Trap**  
**H x H**



P705-015C	<b>1-1/2</b>	25	0	160	80.48
P705-020C	<b>2</b>	25	0	160	112.31
P705-030C	<b>3</b>	10	0	160	204.60
P705-040C	<b>4</b>	5	0	160	370.21

**P705R Running Trap**  
**H x H**



P705R-015C	<b>1-1/2</b>	25	0	160	80.48
P705R-020C	<b>2</b>	25	0	160	112.31
P705R-030C	<b>3</b>	10	0	160	204.60
P705R-040C	<b>4</b>	5	0	160	369.81

**P706X P-Trap**  
**H x H**



P706X-015C	<b>1-1/2</b>	25	0	160	60.35
P706X-020C	<b>2</b>	20	0	160	84.23
P706X-030C	<b>3</b>	10	0	160	152.88
P706X-040C	<b>4</b>	4	0	160	271.76
P706X-060C	<b>6</b>	2	0	160	806.63





**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ CPVC Corrosive Waste Drainage Systems**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**P706X P-Trap (continued)**

H x H

P706X-080C	8	1	0	159	953.78
P706X-100C	10	1	0	159	1519.90
P706X-120C	12	2	0	159	1707.83

**P707X P-Trap w/Cleanout**

H x H



P707X-015C	1-1/2	10	0	160	67.54
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**P708P P-Trap w/Plastic Nut (Union Connection)**

H x H



P708P-015C	1-1/2	25	0	160	52.55
P708P-020C	2	25	0	160	91.03

**P711P L.A Pattern P-Trap w/Plastic Nut (Union Connection w/Slip Joint) Slip x H w/Plastic Nut**



P711P-015C	1-1/2	25	0	160	114.88
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**P712 Jar Trap**

Spig x H



P712-015C	1-1/2	1	0	169	103.86
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**P712P Jar Trap w/Tail Piece Adapter**

Slip x H



P712P-015C	1-1/2	1	0	169	123.97
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**P720 Drum Trap**

H x H



P720-015C	1-1/2	4	0	160	252.34
P720-020C	2	4	0	160	399.70
P720-030C	3	4	0	160	553.76
P720-040C	4	4	0	160	635.53

**854 Flange, Van Stone Style**

Soc



854-015C	1-1/2	20	0	090	38.90
854-020C	2	10	0	090	47.11
854-030C	3	10	0	090	102.18
854-040C	4	5	0	090	137.99
854-060C	6	5	0	090	235.13
854-080C	8	2	0	090	707.48
854-100C	10	2	0	091	1703.17
854-120C	12	2	0	091	2555.67
854-140C	14	1	0	091	2879.81
854-160C	16	1	0	091	3599.78

**Waste Assembly**

Sink Outlet



LWWA-1	1-1/2	10	0	169	91.66
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**LW1500 Floor Drain with CPVC Adjustable Top w/5" Round Grate**



LW1500-015C	1-1/2X5	4	0	169	370.26
LW1500-020C	2X5	4	0	169	370.26
LW1500-030C	3X5	4	0	169	370.26

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**LW1500 Floor Drain with CPVC Adjustable Top w/5" Round Grate (continued)**

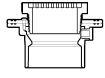
LW1500-040C	4X5	4	0	169	370.26
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**LW1520 Floor Drain with CPVC Adjustable Top w/5" Round Grate & Strainer**



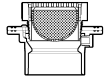
LW1520-015C	1-1/2X5	3	0	169	423.36
LW1520-020C	2X5	3	0	169	423.36
LW1520-030C	3X5	3	0	169	423.36
LW1520-040C	4X5	3	0	169	423.36

**LW150M Floor Drain with CPVC Adjustable Top w/5" Round Grate & Membrane Collar**



LW150M-015C	1-1/2X5	4	0	169	410.79
LW150M-020C	2X5	4	0	169	410.79
LW150M-030C	3X5	4	0	169	410.79
LW150M-040C	4X5	4	0	169	410.79

**LW152M Floor Drain with CPVC Adjustable Top w/5" Round Grate, Strainer & Membrane Collar**



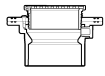
LW152M-015C	1-1/2X5	4	0	169	462.47
LW152M-020C	2X5	4	0	169	462.47
LW152M-030C	3X5	4	0	169	462.47
LW152M-040C	4X5	4	0	169	462.47

**Floor Drain with Stainless Steel Adjustable Top w/Round Grate**



LW1500-015S	1-1/2X5	4	0	169	391.21
LW1600-015S	1-1/2X6	4	0	169	409.38
LW1700-015S	1-1/2X7	0	0	169	435.94
LW1800-015S	1-1/2X8	4	0	169	568.66
LW1500-020S	2X5	4	0	169	391.21
LW1600-020S	2X6	4	0	169	409.38
LW1700-020S	2X7	0	0	169	435.94
LW1800-020S	2X8	0	0	169	568.66
LW1500-030S	3X5	4	0	169	391.21
LW1600-030S	3X6	4	0	169	409.38
LW1700-030S	3X7	2	0	169	435.94
LW1800-030S	3X8	4	0	169	568.66
LW1500-040S	4X5	4	0	169	391.21
LW1600-040S	4X6	4	0	169	409.38
LW1700-040S	4X7	4	0	169	435.94
LW1800-040S	4X8	4	0	169	568.66

**Floor Drain with Stainless Steel Adjustable Top w/Round Grate & Membrane Collar**



LW150M-015S	1-1/2X5	4	0	169	431.73
LW160M-015S	1-1/2X6	4	0	169	449.89
LW170M-015S	1-1/2X7	0	0	169	476.45
LW180M-015S	1-1/2X8	0	0	169	609.18
LW150M-020S	2X5	1	5	169	431.73
LW160M-020S	2X6	4	0	169	449.89
LW170M-020S	2X7	0	0	169	476.45
LW180M-020S	2X8	0	0	169	609.18
LW150M-030S	3X5	4	0	169	431.73
LW160M-030S	3X6	4	0	169	449.89
LW170M-030S	3X7	0	0	169	476.45
LW180M-030S	3X8	2	0	169	609.18
LW150M-040S	4X5	4	0	169	431.73



**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ CPVC Corrosive Waste Drainage Systems**

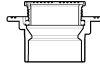


Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Floor Drain with Stainless Steel Adjustable Top w/Round Grate & Membrane Collar (continued)**

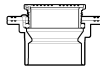
LW160M-040S	<b>4X6</b>	4	0	169	449.89
LW170M-040S	<b>4X7</b>	4	0	169	476.45
LW180M-040S	<b>4X8</b>	4	0	169	609.18

**LW1510 Floor Cleanout w/Stainless Steel Adjustable Round Top & Solid Access Cover**



LW1510-015S	<b>1-1/2X5</b>	4	0	169	419.16
LW1510-020S	<b>2X5</b>	6	0	169	419.16
LW1510-030S	<b>3X5</b>	4	0	169	419.16
LW1510-040S	<b>4X5</b>	4	0	169	419.16

**LW151M Floor Cleanout w/Stainless Steel Adjustable Round Top, Solid Access Cover & Membrane Collar**



LW151M-015S	<b>1-1/2X5</b>	4	0	169	447.12
LW151M-020S	<b>2X5</b>	4	0	169	447.12
LW151M-030S	<b>3X5</b>	4	0	169	447.12
LW151M-040S	<b>4X5</b>	4	0	169	447.12

**LWTP CPVC Tail Piece**  
May be cut to desired length



LWTP-015060	<b>1-1/2X6</b>	10	0	169	38.30
LWTP-015120	<b>1-1/2X12</b>	20	0	169	57.46
LWTP-015140	<b>1-1/2X14</b>	20	0	169	71.20

**LWTPN CPVC Tail Piece with Nut**  
May be cut to desired length



LWTPN-015060	<b>1-1/2X6</b>	10	0	169	48.34
LWTPN-015120	<b>1-1/2X12</b>	20	0	169	67.49
LWTPN-015140	<b>1-1/2X14</b>	20	0	169	77.31

**LabWaste™ CPVC Pipe**  
10' Lengths, Price Per Foot



List Price Per Foot, may be cut to desired length

LW-015	<b>1-1/2</b>	10	0	161	6.90
LW-020	<b>2</b>	10	0	161	9.33
LW-030	<b>3</b>	10	0	161	16.87
LW-040	<b>4</b>	10	0	161	23.95
LW-060	<b>6</b>	10	0	161	43.23
LW-080	<b>8</b>	10	0	157	83.52
LW-100	<b>10</b>	10	0	157	135.23
LW-120	<b>12</b>	10	0	157	178.66
LW-140	<b>14</b>	10	0	158	217.87
LW-160	<b>16</b>	10	0	158	284.34

20' length available upon request

**LW-5 LabWaste™ One-Step CPVC Cement**



LW5-020	<b>Pint</b>	12	0	704	40.64
LW5-030	<b>Quart</b>	12	0	704	54.18
LW5-040	<b>Gallon</b>	6	0	704	220.41
LW5-050	<b>5 Gallon</b>	1	0	704	1102.09

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**LW-5 LabWaste™ One-Step CPVC Cement (continued)**

AVERAGE NUMBER OF JOINTS  
Per Quart of Solvent Cement

PIPE DIAMETER	NUMBER OF JOINTS
1/2"	300
3/4"	200
1"	125
1-1/2"	90
2"	60
3"	40
4"	30
6"	10
8"	5
10"	2-3
12"	1-2

These figures are based on laboratory tests. Due to many field variations, these should be used as a **general guide** only.



**Empty Cans**

MT-654	<b>Pint</b>	12	0	710	6.61
MT-651	<b>Quart</b>	12	0	710	7.46
MT-653	<b>Quart</b>	12	0	710	7.46
MT-647	<b>Gallon</b>	6	0	710	17.55
MT-648	<b>Gallon</b>	6	0	710	21.95

MT-647, MT-651 & MT-654 have 1-3/4" Screw Neck  
 MT-648 has 2-7/8" Screw Neck  
 MT-653 is Paint-Type Can

**Brush**



PB1	<b>1</b>	100	0	710	9.03
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1" Brush w/1-3/4" Screw Cap, for pipe size 3/4" - 2"

**Cap Swab**



5020	<b>4" Length</b>	24	0	710	13.30
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Fits 1-3/4" Neck Quart Cans (MT-651). 4" length for pipe size 3" to 8"

**Large Mouth Can Swab**



4020	<b>4" Length</b>	24	0	710	19.61
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Fits 2-7/8" Neck Gallon Can MT-648



**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ CPVC Corrosive Waste Drainage Systems**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Swab with Heavy Handle**



4520	<b>4" length</b>	12	0	710	16.60
For Pipe Sizes 6" & Larger					

**Roller**



3020	<b>3" length</b>	24	0	710	14.32
Fits Paint Type Quart Can (MT-653). For use with pipe sizes 3" to 6"					

**Large Roller**



7020	<b>7" length</b>	20	0	710	17.83
Fits 2-78" Neck Gallon Can MT-648					

**Roller with Heavy Handle**



Replaceable Cover

5520	<b>4" length</b>	12	0	710	13.55
6520	<b>6" length</b>	12	0	710	16.60
For Pipe Sizes 6" & Larger					

**Cap Dauber**



DP-75	<b>3/4" for Pint</b>	50	0	710	1.17
DP-125	<b>1-1/4" for Pint</b>	50	0	710	1.41
DQ-125	<b>1-1/4" for Quart</b>	50	0	710	1.41
DP Fits Pint Cans					
DQ Fits Quart Cans					

**Can-Mate Dauber**



CM-75	<b>3/4"</b>	50	0	710	4.70
CM-150	<b>1-1/4"</b>	50	0	710	4.70
3/4" Diameter for pipe size to 1-1/2"					
1-1/4" Diameter for pipe size 1-1/2" to 3"					



## Acid Neutralization/Dilution Tanks for Use With LabWaste™ CPVC Systems

Neutralization or dilution tanks are required by codes for the purpose of neutralizing corrosive wastes. Corrosive liquids, spent acids or other harmful chemicals that destroy or damage a drain, sewer, soil or waste pipe, or create noxious or toxic fumes or interfere with sewage treatment processes are prohibited from discharge into the plumbing system without being neutralized or treated. Spears® offers a standard selection of HDPE tanks in 5 gallon to 3000 gallon capacities and CPVC tanks in 5 gallon to 55 gallon capacities with connection and vent options listed below, plus convenient 1- gallon Dilution Tank designed for under-sink installation. Tanks can also be produced in virtually any custom size, shape, or connection configuration. Contact Spears® Technical Services with desired specifications for custom quotation.

### Standard HDPE Round Tanks Technical Information Construction: HDPE – High Density Polyethylene

Tank Capacity US Gallons	Approx Useable Capacity, US Gallons		Inside Dimension Dia. x Ht. (in.)	Wall Thickness (in.)	Approx Weight (lbs)	Standard Inlet & Outlet Connection Size (in.)	Standard Fitting Connection	LabWaste™ Transition Connection Fitting <sup>3</sup>	Optional <sup>4</sup> Vent Connection Size (in.)	Approx. Centerline Height (in.) <sup>5</sup>		
	Without Limestone	With Limestone								Inlet	Outlet	Vent
5	3	1	11 x 14	3/16	10	1-1/2 or 2	Mipt	P101	1-1/2 or 2	11	8	12
15	7	2	18 x 15	3/16	20	1-1/2 or 2	Mipt	P101	1-1/2 or 2	11	8	12
30	19	6	18 x 29	3/16	35	3	Mipt	P101	2 or 3	23	19	25
55	35	12	22 x 36	3/16	50	4	Mipt	P101	3 or 4	27	23	31
100	77	26	28 x 42	1/4	85	4	Mipt	P101	3 or 4	35	31	37
150	105	35	31 x 48	1/4	100	4	Mipt	P101	3 or 4	38	34	42
175	135	45	30 x 60	1/4	125	4	Mipt	P101	3 or 4	51	47	54
200	137	46	36 x 48	1/4	125	4 or 6	Mipt/Flange	P101/854	4 or 6	38	34	42
275	186	62	42 x 48	1/4	160	4 or 6	Mipt/Flange	P101/854	4 or 6	38	34	42
300	230	76	36 x 74	5/16	175	4 or 6	Mipt/Flange	P101/854	4 or 6	61	56	65
350	243	81	48 x 48	5/16	200	4 or 6	Mipt/Flange	P101/854	4 or 6	38	34	42
500	395	132	52 x 60	3/8	225	4 or 6	Mipt/Flange	P101/854	4 or 6	51	47	54
550	447	149	48 x 72	3/8	275	4 or 6	Mipt/Flange	P101/854	4 or 6	64	60	67
650	548	183	48 x 84	3/8	375	4 or 6	Mipt/Flange	P101/854	4 or 6	75	71	76
1200	1052	351	69 x 84	3/8	600	4 or 6	Mipt/Flange	P101/854	4 or 6	74	68	76
2000 <sup>1</sup>	1559	521	84 x 84	1/2	850	4 or 6	Mipt/Flange	P101/854	4 or 6	74	68	76
3000 <sup>1</sup>	2203	735	95 x 97	1/2	1350	4 or 6	Mipt/Flange	P101/854	4 or 6	87	83	91

### Standard CPVC Round Tanks Technical Information Construction: Chlorinated Polyvinyl Chloride (CPVC)

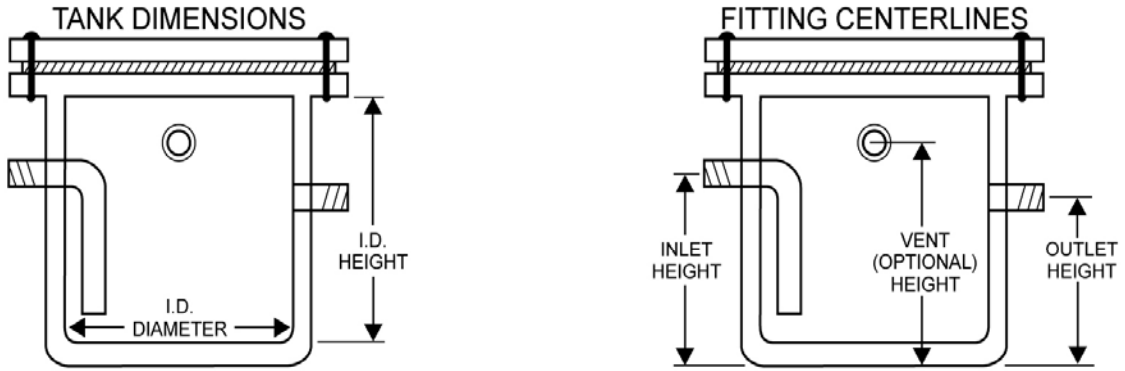
Tank Capacity US Gallons	Approx Useable Capacity, US Gallons		Inside Dimension Dia. x Ht. (in.)	Wall Thickness (in.)	Approx Weight (lbs)	Standard <sup>2</sup> Inlet & Outlet Connection Size (in.)	Standard Fitting Connection	LabWaste™ Transition Connection Fitting <sup>3</sup>	Optional <sup>4</sup> Vent Connection Size (in.)	Approx. Centerline Height (in.) <sup>5</sup>		
	Without Limestone	With Limestone								Inlet	Outlet	Vent
5	5	3	12-3/8 x 14-11/16	3/16	20	1-1/2 or 2	Soc	direct	1-1/2 or 2	11	8	12
15	15	7	17-11/16 x 17-1/4	3/16	35	1-1/2 or 2	Soc	direct	1-1/2 or 2	11	8	12
30	30	18	17-5/8 x 33	3/16	54	3	Soc	direct	2 or 3	23	18	25
55	55	35	23-1/2 x 38-1/2	1/4	70	4	Soc	direct	3 or 4	27	23	31

### Important Notes

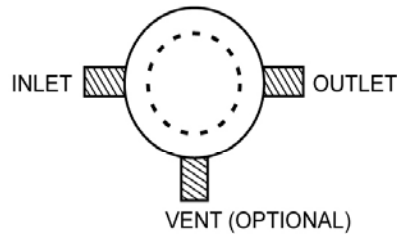
- Larger HDPE tanks may include exterior steel banding or fiberglass reinforcement for additional strength. Special ordered optional inspection manhole ports are recommended for larger tanks (includes cover with neoprene gasket, stainless steel nuts, bolts, and washers).
- All tanks can be special ordered with Mipt, Flanged (150#), and Fipt connections or varying combinations other than standard connections specified. Inlets or vents may also be custom ordered for installation in covers instead of tank sides.
- For transitions from Mipt HDPE tank connections to **LabWaste™** piping use part numbers P101-xxxC, Female Adapter. CPVC tank sockets can be cemented directly to **LabWaste™** piping. For transitions from ALL flanged connections to **LabWaste™** piping use part numbers 854-xxxC, Flange (xxx = size code).
- Venting is required by codes but may be accomplished either at the tank or in-line.
- Neutralization tanks and tank extensions are not warranted for direct burial applications. Tanks must be properly placed and secured with no applied stresses, within a dry concrete vault with use of a protective traffic cover as deemed appropriate. However, if direct burial is used without warranty, custom centerlines must be furnished from top of cover down to fitting centerline instead of specified tank bottom to fittings centerline since tank heights can vary.



### HDPE Tanks

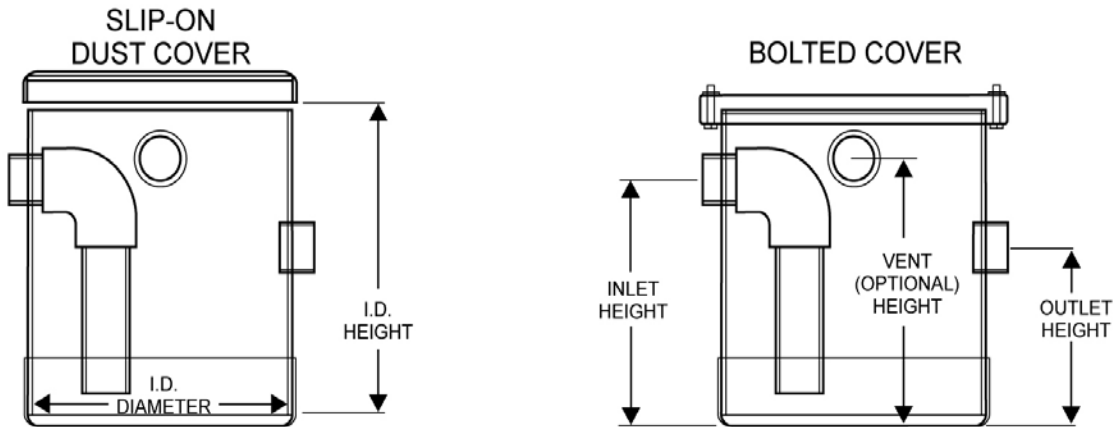


TOP VIEW  
STANDARD FITTING LOCATIONS



(Advise If You Want  
Standard Locations Changed)

### CPVC Tanks



**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ Standard HDPE Round Neutralization Tanks**



**PRICE SCHEDULE**

**LabWaste™ Standard HDPE Round Neutralization Tanks**

Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet & Outlet Connection	HDPE Tank Part No./ Price	Disc Code
5	1-1/2	Mipt	T20051414B	169
			740.52	
5	2	Mipt	T20052424B	169
			740.52	
15	1-1/2	Mipt	T20151414B	169
			1,145.70	
15	2	Mipt	T20152424B	169
			1,145.70	
30	3	Mipt	T20303434B	169
			1,592.81	
55	4	Mipt	T20554444B	169
			2,025.94	
100	4	Mipt	T21004444B	169
			2,780.44	
150	4	Mipt	T21504444B	169
			3,702.59	
175	4	Mipt	T21754444B	169
			4,890.21	
200	4	Mipt	T22004444B	169
			5,239.51	
275	4	Mipt	T22754444B	169
			6,287.41	
275	6	Flange	T22756363B	169
			6,287.41	
300	4	Mipt	T23004444B	169
			6,636.71	
300	6	Flange	T23006363B	169
			6,636.71	
350	4	Mipt	T23504444B	169
			7,195.59	
350	6	Flange	T23506363B	169
			7,195.59	
500	4	Mipt	T25004444B	169
			9,780.43	
500	6	Flange	T25006363B	169
			9,780.43	

Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet & Outlet Connection	HDPE Tank Part No./ Price	Disc Code
550	4	Mipt	T25504444B	169
			10,758.47	
550	6	Flange	T25506363B	169
			10,758.47	
650	4	Mipt	T26504444B	169
			12,295.38	
650	6	Flange	T26506363B	169
			12,295.38	
1200	4	Mipt	T212C4444B	169
			19,555.24	
1200	6	Flange	T212C6363B	169
			19,555.24	
2000	4	Mipt	T220C4444B	169
			30,732.86	
2000	6	Flange	T220C6363B	169
			30,732.86	
3000	4	Mipt	T230C4444B	169
			43,313.27	
3000	6	Flange	T230C6363B	169
			43,313.27	

**Optional Vent Outlet  
(recommended)  
for HDPE Tank**

Vent Size (in.)	Vent Connection	Add-on to Part No. / and to Price	Disc Code
1-1/2	Mipt	14	169
		139.72	
2	Mipt	24	169
		139.72	
3	Mipt	34	169
		209.59	
4	Mipt	44	169
		279.44	
6	Flange	63	169
		489.02	

Example: T20051414B14



**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ Standard CPVC Round Neutralization Tanks**

**LabWaste™ Standard CPVC  
 Round Neutralization Tanks**

Additional Inlet/Outlet Sizes, Combinations & Custom Configurations Available

Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet & Outlet Connection	CPVC Tank Part No./Price		Disc Code
			Dust (slip) Cover	Bolted Cover	
5	1-1/2	Soc	T30051212A	T30051212B	169
			1,325.01	3,044.88	
5	2	Soc	T30052222A	T30052222B	169
			1,325.01	3,044.88	
15	1-1/2	Soc	T30151212A	T30151212B	169
			1,829.74	4,232.72	
15	2	Soc	T30152222A	T30152222B	169
			1,829.74	4,232.72	
30	3	Soc	T30303232A	T30303232B	169
			2,446.97	4,754.65	
55	4	Soc	T30554242A	T30554242B	169
			4,726.04	7,825.74	

**Optional Vent Outlet (recommended)  
 for CPVC Tank**

Vent Size (in.)	Vent Connection	Add-on to Part No. / and to Price	Disc Code
1-1/2	Soc	12	169
		139.72	
2	Soc	22	169
		139.72	
3	Soc	32	169
		209.59	
4	Soc	42	169
		279.44	

Example: T30051212A12

**Neutralization Tank Sizing Table**

The following recommendation from the American Society of Plumbing Engineers (ASPE) may be used as a guideline for sizing tanks according to the number of lab sinks.

Number of Lab Sinks	Tank Size, Gal (L)
2	5 (18.9)
4	15 (56.8)
8	30 (113.6)
16	55 (208.2)
22	75 (283.9)
27	90 (340.7)
30	108 (408.8)
40	150 (567.8)
50	175 (662.4)
60	200 (757.0)
75	275 (1040.9)
110	360 (1362.6)
150	500 (1898.5)
175	550 (2081.8)
200	650 (2460.3)
300	1200 (4542)
500	2000 (7570)
600	3000 (11355)

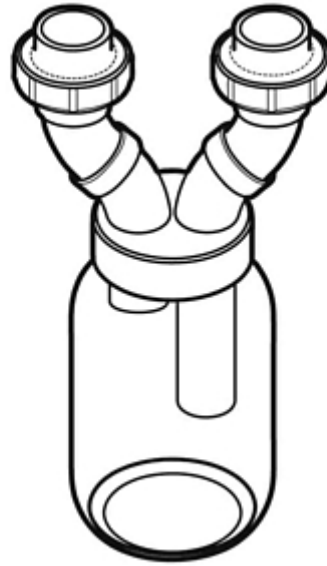
Note: For commercial and industrial laboratories, the number of lab sinks should be multiplied by a 0.5 use factor. (ASPE Data Book Vol. 3, Page 42, 2001).





**LabWaste™ 1-Gallon CPVC Dilution Tanks**

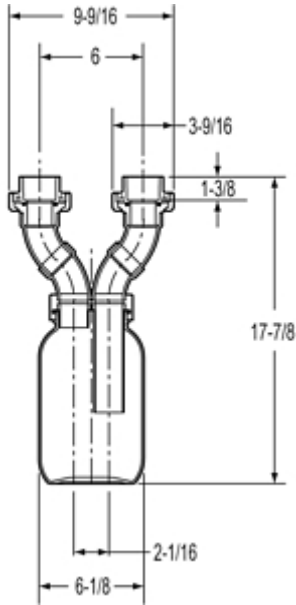
Provides chemical dilution from water rinse during use. Designed for under-sink installations. CPVC construction with Glass or PP Jar type tank.



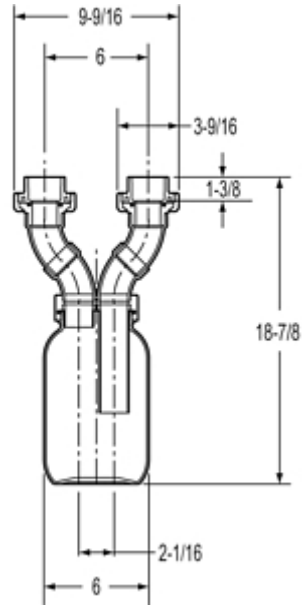
Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet & Outlet Connection	CPVC Tank Part Glass Jar Tank No./Price	Disc Code
1	1-1/2	Socket Union	T3001G1515 384.23	169

Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet & Outlet Connection	CPVC Tank Part Polypropylene Jar Tank No./Price	Disc Code
1	1-1/2	Socket Union	T3001P1515 276.64	169

**Dimensions**



Glass



Polypropylene



**LabWaste™ CPVC Corrosive Waste Drainage System  
LabWaste™ Dilution Traps**

**LabWaste™ 1-Gallon CPVC Dilution Traps**

Provides chemical dilution from water rinse during use. Designed for under-sink installations as a trap. CPVC construction with Glass or PP Jar type tank.

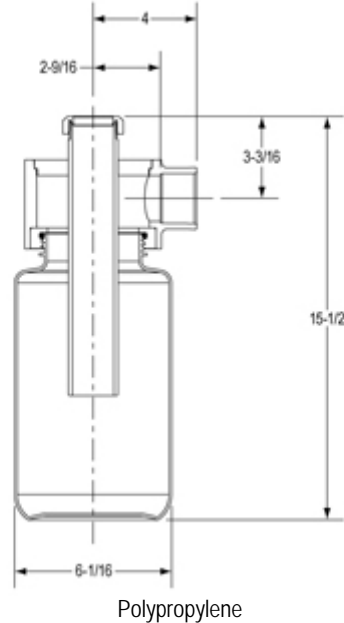
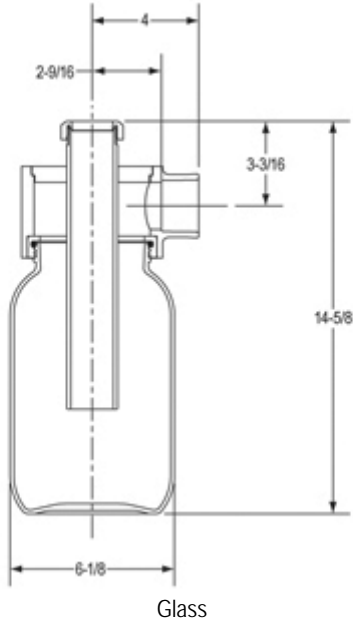
Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet	Outlet	CPVC Tank Part Glass Jar Tank No./Price	Disc Code
1	1-1/2	Slip	Socket	T4001G1612	169
				384.23	

Nominal US Gallons	Inlet & Outlet Size (in.)	Inlet	Outlet	CPVC Tank Part Polypropylene Jar Tank No./Price	Disc Code
1	1-1/2	Slip	Socket	T4001P1612	169
				276.64	

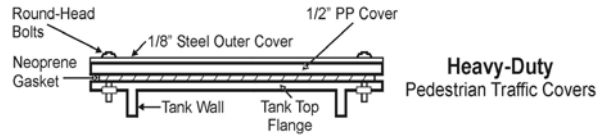
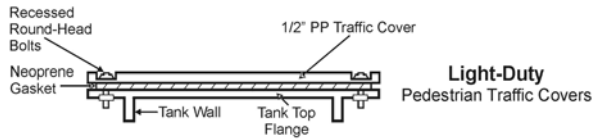
Note: Slip connections are for sink drain tailpiece.



**Dimensions**



**LabWaste™ CPVC Corrosive Waste Drainage System  
LabWaste™ Optional Covers**



**Pedestrian Traffic Covers**

Traffic Covers are priced and ordered separately with tank order in lieu of standard tank cover. Constructed from 1/2" white PP with recessed bolts and anchoring nuts. Covers are designed for light pedestrian traffic and flush floor installation.

**Heavy-Duty Pedestrian Traffic Covers**

Traffic Covers are priced and ordered separately with tank order in lieu of standard tank cover. Constructed with 1/8" steel, primer coated, over 1/2" white PP with round head slotted bolts and anchoring nuts. Heavy-Duty Traffic Covers are designed for heavy pedestrian traffic and flush floor installation.

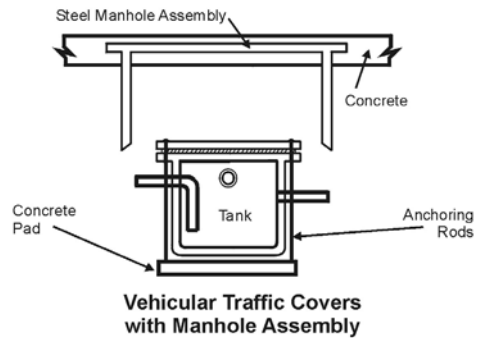
Part Number	Tank Size Range	List Price Each	Disc Code
PTC-5	5-gal thru 55-gal	698.61	169
PTC-100	100-gal thru 300-gal	838.32	169
PTC-350	350-gal thru 650-gal	1,187.62	169
PTC-1200	1200-gal thru 3000-gal	2,095.81	169

Part Number	Tank Size Range	List Price Each	Disc Code
HPTC-5	5-gal thru 55-gal	1,397.20	169
HPTC-100	100-gal thru 300-gal	1,816.35	169
HPTC-350	350-gal thru 650-gal	2,375.24	169
HPTC-1200	1200-gal thru 3000-gal	4,191.61	169

**Vehicular Traffic Covers**

Vehicular Traffic Covers are priced and ordered separately with tank. Covers are constructed from minimum 3/8" Diamond Plate steel supported by an external steel frame. Standard tank covers are used on tanks located below these steel manhole assemblies. Requires concrete pad below tank. Check with factory for frame height (may be extended in the field).

Part Number	Cover Size	Tank Application	Approx. Wt.(lbs.)	List Price Each	Disc Code
VTC18R	18" round	Fits 5-gallon units	100	698.61	169
VTC24S	24" square	Fits 5-gallon units	100	978.04	169
VTC30R	30" round	Fits 15 & 30-gallon units	150	1,383.22	169
VTC30S	30" square			1,383.22	169
VTC36R	36" round	Fits 55-gallon units	200	1,956.09	169
VTC36S	36" square			1,956.09	169
VTC42R	42" round	Fits 100, 150 & 175-gallon units	300	2,794.39	169
VTC42S	42" square			2,794.39	169
VTC48R	48" round	Fits 200 & 300-gallon units	400	3,493.01	169
VTC48S	48" square			3,493.01	169
VTC54R	54" round	Fits 275-gallon units	500	5,588.81	169
VTC54S	54" square			5,588.81	169
VTC60R	60" round	Fits 350, 550 & 650-gallon units	750	6,287.41	169
VTC60S	60" square			6,287.41	169





**LabWaste™ CPVC Corrosive Waste Drainage System**  
**LabWaste™ Manhole Ports, Tank Extensions and Limestone Chips**

**Optional Inspection Manhole Ports & Tank Extensions**

Manhole Assemblies are priced and ordered separately with tank order in lieu of standard tank cover. Assemblies include matching covers, Neoprene gaskets and stainless steel nuts, bolts, and washers; fabricated into the standard tank cover.

Part Number	Manhole Size	List Price Each	Disc Code
MH180	18	1,117.77	169
MH110	11	726.55	169
MH060	6	544.90	169
MH040	4	419.16	169

**Tank Extensions**

Tanks may be special ordered with extensions to increase the overall height of the tank. Extensions ranging from 1" to almost two (2) times the tank height are at a charge of double the list price for the basic tank. For example, a 55-gallon tank has a height of 36". Extended tank heights of 37" to 70" are twice the price of a standard 55-gallon tank. For higher extensions, contact Spears®. Special covers are needed for flush floor, in-ground installations. Standard covers are not designed for any traffic or load bearing.

**Limestone Chips for Acid Neutralization Tanks**

Most state and local codes require the addition of a neutralization medium in acid waste tanks with the addition of water for dilution prior to discharge into a sanitary sewer system. Limestone must be 1" to 3" in diameter with a calcium carbonate content of at least 90%. Spears® offers high grade Limestone Chips having a calcium carbonate content of approximately 95%. The use of Limestone Chips is generally one of the best and least expensive means of acid neutralization, but may be used in conjunction with more sophisticated chemical treatments if necessary.

**How Much to Use:** The following is a guideline for pounds of Limestone Chips to use for one (1) tank filling (charge). It is recommended that sufficient quantity be ordered for more than one filling.

Tank Size (gallons)	Approx. Pounds
5	50
15	100
30	200
55	500
100	1,000
150	1,750
175	1,900
200	2,500
275	3,200
300	3,200
350	4,000
500	5,000
550	7,500
650	9,000
1200	11,000
2000	16,000
3000	25,000

**Maintenance:** Tanks should be inspected routinely for accumulation of precipitated sludge and debris that must be cleaned out (usually scooped out) and for periodic addition of limestone and water if necessary. While once every one to three months may be sufficient, professional assistance should be sought to establish a proper schedule based on actual use. Note: Tank must be filled with water prior to carefully adding Limestone Chips to charge the system. Request instruction sheet.

**Standard 50-lb. Bags  
Regular & Dolomitic Limestone**

Limestone Chips are conveniently packaged in 50-lb. plastic bags but may be special ordered loose. Actual bag weight may vary by + 15%. Special dolomitic limestone is used for wastes predominantly composed of sulfuric acid (battery acid). Allow three to five weeks delivery.

Part Number	List Price Each				Disc Code
	1-4 bags	5-20 bags	21-39 bags	40 & up bags	
<b>Regular Limestone</b>					
RLC-50	69.86	62.88	55.88	41.90	169
<b>Dolomitic Limestone</b>					
DLC-50	139.72	125.74	111.78	83.84	169

## Lab Specialty Products Lab Ball Valves & Needle Valves



### Lab Ball Valves



Pressure Rating @ 73°F (23°C), Water  
 1/4" - 3/8" 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

#### Valve & Adapters includes:

- 1 - Threaded 1/4" Valve
- 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
- 2 - EPDM or Viton® O-rings (AS568-013 size)
- 1 - End Connector Wrench
- 2 - O-ring Sealed 1/4" MPT x 3/8" I.D. Tubing Barb Adapters
- OR -
- 2 - O-ring Sealed 1/4" MPT x 1/4" I.D. Tubing Barb Adapters



Socket/Threaded Valve Only

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Valve & Adapters

#### PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Valve &amp; Adapters Threaded Ends</b>					
1/4X1/4T	1529-002A 24.46	1539-002A 25.57	1	25	218
1/4X3/8T	1529-002 24.46	1539-002 25.57	1	25	218
<b>Valve only Threaded Ends</b>					
1/4	1521-002 19.55	1531-002 21.76	50	200	218
3/8	1521-003 27.48	1531-003 30.47	50	200	218
<b>Valve only Socket Ends</b>					
1/4	1522-002 19.55	1532-002 22.12	50	200	218
3/8	1522-003 27.48	1532-003 30.47	50	200	218

#### CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Valve &amp; Adapters Threaded Ends</b>					
1/4X1/4T	1529-002CA 29.36	1539-002CA 29.93	1	25	219
1/4X3/8T	1529-002C 29.36	1539-002C 29.93	1	25	219
<b>Valve only Threaded Ends</b>					
1/4	1521-002C 23.51	1531-002C 25.85	50	200	219
3/8	1521-003C 32.97	1531-003C 30.90	50	200	219
<b>Valve only Socket Ends</b>					
1/4	1522-002C 23.51	1532-002C 27.98	50	200	219
3/8	1522-003C 32.97	1532-003C 36.60	50	200	219

### Needle Valves



#### Pressure Rating @ 73°F (23°C), Water

PVC or CPVC 235 psi  
 PP 150 psi

#### Maximum Service Temperature

PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 PP = 180°F (82°C)

Solid PTFE Stem Seals

No Elastomer or Lubricants used

Valves include Panel Mounting Nut

#### PVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
<b>Globe Pattern</b>						
1/4	5591-002 67.71	5592-002 67.71	---	1	18	218
3/8	5591-003 67.71	5592-003 67.71	5591-003SR 61.76	1	18	218
1/2	5591-005 75.15	5592-005 75.15	5591-005SR 77.17	1	18	218
<b>Angle Pattern</b>						
1/4	5691-002 67.71	5692-002 67.71	---	1	18	218
3/8	5691-003 67.71	5692-003 67.71	---	1	18	218
1/2	5691-005 75.15	5692-005 75.15	5691-005SR 77.17	1	18	218

#### CPVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
<b>Globe Pattern</b>						
1/4	5591-002C 79.74	5592-002C 79.74	---	1	18	219
3/8	5591-003C 79.74	5592-003C 79.74	5591-003CSR 79.56	1	18	219
1/2	5591-005C 84.33	5592-005C 84.33	5591-005CSR 86.49	1	18	219
<b>Angle Pattern</b>						
1/4	5691-002C 79.74	5692-002C 79.74	---	1	18	219
3/8	5691-003C 79.74	5692-003C 79.74	---	1	18	219
1/2	5691-005C 84.33	5692-005C 84.33	5691-005CSR 86.49	1	18	219



Lab Specialty Products  
Needle Valves

**PP Needle Valve**

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
------	----------	--------	-------------	--------	---------	-----------

**Globe Pattern**

1/4	5591-002P 74.61	---	---	1	18	219
3/8	5591-003P 74.61	---	---	1	18	219
1/2	---	---	5591-005PSR 82.51	1	18	219

**Angle Pattern**

1/4	5691-002P 74.61	---	---	1	18	219
3/8	5691-003P 74.61	---	---	1	18	219
1/2	---	---	5691-005PSR 82.51	1	18	219



## Lab Specialty Products Gauge Guards



Connections use Spears® Patented Special Reinforced (SR)  
Female Threads on Pressure Inlet (1/4" or 1/2")

Pressure Rating  
235 psi @ 73°F  
16 BAR @ 22°C  
Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)  
PP = 180°F (82°C)  
Temperature/Pressure De-ratings Apply  
Rated for Full Vacuum Service

Gauge Guards are pre-filled with glycerin-water  
on units with Factory Installed Gauges.  
"No Gauge" units are to be filled by end user.

### PVC GAUGE GUARDS

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>PTFE Diaphragm</b>					
No Gauge	G0004-002 98.64	G0004-005 98.64	1	18	624
0-30 in-Hg	G30V4-002 166.52	G30V4-005 166.52	1	18	624
0-15 psi	G0154-002 157.41	G0154-005 157.41	1	18	624
0-30 psi	G0304-002 157.41	G0304-005 157.41	1	18	624
0-60 psi	G0604-002 157.41	G0604-005 157.41	1	18	624
0-100 psi	G1004-002 157.41	G1004-005 157.41	1	18	624
0-160 psi	G1604-002 157.41	G1604-005 157.41	1	18	624
0-200 psi	G2004-002 157.41	G2004-005 157.41	1	18	624
0-300 psi	G3004-002 157.41	G3004-005 157.41	1	18	624

### Viton® Diaphragm

No Gauge	G0003-002 98.64	G0003-005 98.64	1	18	624
0-30 in-Hg	G30V3-002 166.52	G30V3-005 166.52	1	18	624
0-15 psi	G0153-002 157.41	G0153-005 157.41	1	18	624
0-30 psi	G0303-002 157.41	G0303-005 157.41	1	18	624
0-60 psi	G0603-002 157.41	G0603-005 157.41	1	18	624
0-100 psi	G1003-002 157.41	G1003-005 157.41	1	18	624
0-160 psi	G1603-002 157.41	G1603-005 157.41	1	18	624
0-200 psi	G2003-002 157.41	G2003-005 157.41	1	18	624
0-300 psi	G3003-002 157.41	G3003-005 157.41	1	18	624

### EPDM Diaphragm

No Gauge	G0002-002 94.65	G0002-005 94.65	1	18	624
0-30 in-Hg	G30V2-002 159.83	G30V2-005 159.83	1	18	624
0-15 psi	G0152-002 151.16	G0152-005 151.16	1	18	624
0-30 psi	G0302-002 151.16	G0302-005 151.16	1	18	624

### PVC GAUGE GUARDS (continued)

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>EPDM Diaphragm</b>					
0-60 psi	G0602-002 151.16	G0602-005 151.16	1	18	624
0-100 psi	G1002-002 151.16	G1002-005 151.16	1	18	624
0-160 psi	G1602-002 151.16	G1602-005 151.16	1	18	624
0-200 psi	G2002-002 151.16	G2002-005 151.16	1	18	624
0-300 psi	G3002-002 151.16	G3002-005 151.16	1	18	624

### CPVC GAUGE GUARDS

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
<b>PTFE Diaphragm</b>					
No Gauge	G0004-002C 128.23	G0004-005C 128.23	1	18	625
0-30 in-Hg	G30V4-002C 216.49	G30V4-005C 216.49	1	18	625
0-15 psi	G0154-002C 204.66	G0154-005C 204.66	1	18	625
0-30 psi	G0304-002C 204.66	G0304-005C 204.66	1	18	625
0-60 psi	G0604-002C 204.66	G0604-005C 204.66	1	18	625
0-100 psi	G1004-002C 204.66	G1004-005C 204.66	1	18	625
0-160 psi	G1604-002C 204.66	G1604-005C 204.66	1	18	625
0-200 psi	G2004-002C 204.66	G2004-005C 204.66	1	18	625
0-300 psi	G3004-002C 204.66	G3004-005C 204.66	1	18	625

### Viton® Diaphragm

No Gauge	G0003-002C 128.23	G0003-005C 128.23	1	18	625
0-30 in-Hg	G30V3-002C 216.49	G30V3-005C 216.49	1	18	625
0-15 psi	G0153-002C 204.66	G0153-005C 204.66	1	18	625
0-30 psi	G0303-002C 204.66	G0303-005C 204.66	1	18	625
0-60 psi	G0603-002C 204.66	G0603-005C 204.66	1	18	625
0-100 psi	G1003-002C 204.66	G1003-005C 204.66	1	18	625



## Lab Specialty Products Gauge Guards

### CPVC GAUGE GUARDS (continued)

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
0-160 psi	G1603-002C 204.66	G1603-005C 204.66	1	18	625
0-200 psi	G2003-002C 204.66	G2003-005C 204.66	1	18	625
0-300 psi	G3003-002C 204.66	G3003-005C 204.66	1	18	625

#### Viton® Diaphragm

0-160 psi	G1603-002C 204.66	G1603-005C 204.66	1	18	625
0-200 psi	G2003-002C 204.66	G2003-005C 204.66	1	18	625
0-300 psi	G3003-002C 204.66	G3003-005C 204.66	1	18	625

#### EPDM Diaphragm

No Gauge	G0002-002C 123.12	G0002-005C 123.12	1	18	625
0-30 in-Hg	G30V2-002C 207.80	G30V2-005C 207.80	1	18	625
0-15 psi	G0152-002C 196.56	G0152-005C 196.56	1	18	625
0-30 psi	G0302-002C 196.56	G0302-005C 196.56	1	18	625
0-60 psi	G0602-002C 196.56	G0602-005C 196.56	1	18	625
0-100 psi	G1002-002C 196.56	G1002-005C 196.56	1	18	625
0-160 psi	G1602-002C 196.56	G1602-005C 196.56	1	18	625
0-200 psi	G2002-002C 196.56	G2002-005C 196.56	1	18	625
0-300 psi	G3002-002C 196.56	G3002-005C 196.56	1	18	625

### PP GAUGE GUARDS

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
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#### PTFE Diaphragm

No Gauge	G0004-002P 115.43	G0004-005P 115.43	1	18	626
0-30 in-Hg	G30V4-002P 177.34	G30V4-005P 177.34	1	18	626
0-15 psi	G0154-002P 168.66	G0154-005P 168.66	1	18	626
0-30 psi	G0304-002P 168.66	G0304-005P 168.66	1	18	626
0-60 psi	G0604-002P 168.66	G0604-005P 168.66	1	18	626
0-100 psi	G1004-002P 168.66	G1004-005P 168.66	1	18	626
0-160 psi	G1604-002P 168.66	G1604-005P 168.66	1	18	626
0-200 psi	G2004-002P 168.66	G2004-005P 168.66	1	18	626
0-300 psi	G3004-002P 168.66	G3004-005P 168.66	1	18	626

#### Viton® Diaphragm

No Gauge	G0003-002P 115.43	G0003-005P 115.43	1	18	626
0-30 in-Hg	G30V3-002P 177.34	G30V3-005P 177.34	1	18	626
0-15 psi	G0153-002P 168.66	G0153-005P 168.66	1	18	626
0-30 psi	G0303-002P 168.66	G0303-005P 168.66	1	18	626
0-60 psi	G0603-002P 168.66	G0603-005P 168.66	1	18	626
0-100 psi	G1003-002P 168.66	G1003-005P 168.66	1	18	626
0-160 psi	G1603-002P 168.66	G1603-005P 168.66	1	18	626
0-200 psi	G2003-002P 168.66	G2003-005P 168.66	1	18	626
0-300 psi	G3003-002P 168.66	G3003-005P 168.66	1	18	626

#### EPDM Diaphragm

No Gauge	G0002-002P 110.87	G0002-005P 110.87	1	18	626
0-30 in-Hg	G30V2-002P 170.22	G30V2-005P 170.22	1	18	626
0-15 psi	G0152-002P 161.98	G0152-005P 161.98	1	18	626

### PP GAUGE GUARDS (continued)

Size	1/4" Inlet Connection	1/2" Inlet Connection	Std Pk	Mstr Pk	Disc Code
0-30 psi	G0302-002P 161.98	G0302-005P 161.98	1	18	626
0-60 psi	G0602-002P 161.98	G0602-005P 161.98	1	18	626
0-100 psi	G1002-002P 161.98	G1002-005P 161.98	1	18	626
0-160 psi	G1602-002P 161.98	G1602-005P 161.98	1	18	626
0-200 psi	G2002-002P 161.98	G2002-005P 161.98	1	18	626
0-300 psi	G3002-002P 161.98	G3002-005P 161.98	1	18	626

#### EPDM Diaphragm

0-30 psi	G0302-002P 161.98	G0302-005P 161.98	1	18	626
0-60 psi	G0602-002P 161.98	G0602-005P 161.98	1	18	626
0-100 psi	G1002-002P 161.98	G1002-005P 161.98	1	18	626
0-160 psi	G1602-002P 161.98	G1602-005P 161.98	1	18	626
0-200 psi	G2002-002P 161.98	G2002-005P 161.98	1	18	626
0-300 psi	G3002-002P 161.98	G3002-005P 161.98	1	18	626



**100% Corrosion Resistance - No Metal Parts**

Spears® Lab Fixtures have *no metal parts*: this provides full resistance to internal or environmental corrosion. These fixtures are compatible with all laboratory service lines. Lab Fixtures are produced from PVC (gray) and CPVC (for hot water), or special Low-Extractable PVC for high purity applications, and are available in a variety of types and configurations.

- **Deck Mount** – base configuration for horizontal surface mounting.
- **Panel Mount** – base configuration for vertical surface mounting.
- **Standard Gooseneck Units** – select all-plastic needle valve unit (no elastomer seals) for metered flow or ball valve unit (choice of EPDM or Viton® seals) for direct flow. Unit includes valve, gooseneck with serrated tip, and base with nut for mounting. Select Deck or Panel Mount style.
- **Standard Turret Units** – direct flow ball valve (choice of EPDM or Viton® seals) with serrated tip and base with connecting nipple and nut for mounting. Select Deck or Panel Mount style.
- **Remote Valve Units (No Valve)** – same as standard units less valve for use with remotely located valve.
- **Recirculating Units** – Special design provides continuous water motion without dead-leg areas of contamination and potential bacteria build-up. Internal supply tube fully circulates water through the entire fixture when connected to circulating water supply. Unit features gooseneck with terminally mounted all-plastic needle valve and serrated tip (no elastomer seals) for metered flow. Base is Deck Mount only with inlet and outlet connecting nipples with mounting nuts.

**NPT - American National Standard Tapered Pipe Thread • NPSM - American National Standard Straight Thread For Free Fitting Mechanical Joints**

Viton® is a registered trademark of DuPont Dow Elastomers

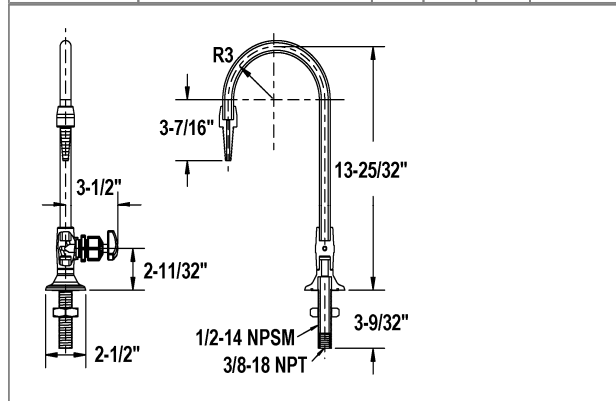
For information on Spears® Low Extractable PVC see publication LXT-4

**Standard Gooseneck Units - Deck Mount Lab Fixture -**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Base with Valve, Gooseneck & Serrated Tip with Needle Valve-Metered Flow**

LF1000-N	PVC, PTFE Seal	1	0	218	179.79
LF1000-CN	CPVC, PTFE Seal	1	0	219	224.47
LF1000-BLN	LXT, PTFE Seal	1	0	066	357.55



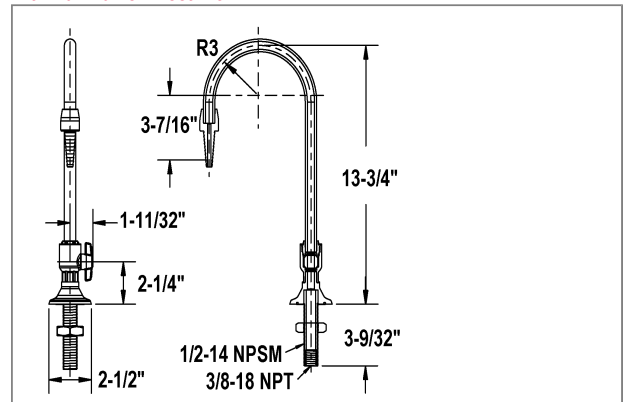
**with Ball Valve Direct Flow**

LF1002	PVC, EPDM Seal	1	0	218	150.18
LF1003	PVC, Viton® Seal	1	0	218	166.86
LF1002-C	CPVC, EPDM Seal	1	0	219	187.72
LF1003-C	CPVC, Viton® Seal	1	0	219	208.57
LF1002-BL	LXT, EPDM Seal	1	0	066	299.00
LF1003-BL	LXT, Viton® Seal	1	0	066	332.23

**Standard Gooseneck Units - Deck Mount Lab Fixture - (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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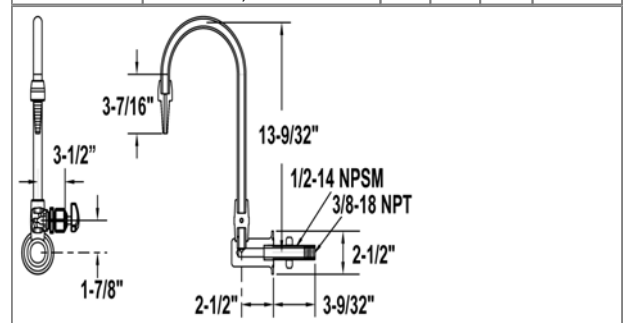
**with Ball Valve Direct Flow**



**Standard Gooseneck Units - Panel Mount Lab Fixture -**

**Base with Valve, Gooseneck & Serrated Tip with Needle Valve-Metered Flow**

LF2000-N	PVC, PTFE Seal	1	0	218	262.02
LF2000-CN	CPVC, PTFE Seal	1	0	219	327.51



**Standard Gooseneck Units - Panel Mount Lab Fixture -**

LF2002	PVC, EPDM Seal	3	0	218	225.88
LF2003	PVC, Viton® Seal	3	0	218	250.99

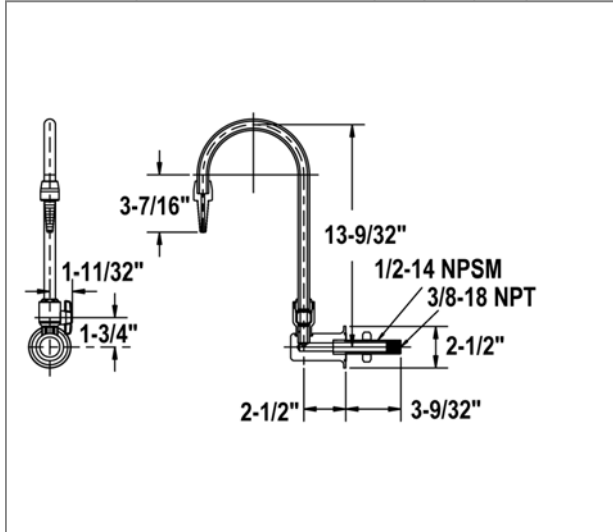


**Lab Specialty Products  
Lab Fixtures**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Standard Gooseneck Units - Panel Mount Lab Fixture - (continued)  
with Ball Valve-Direct Flow**

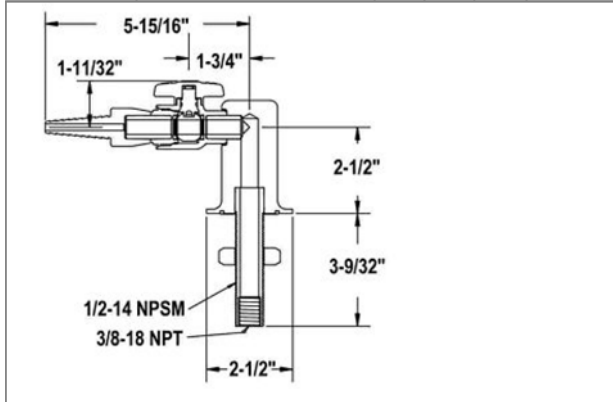
LF2002-C	CPVC, EPDM Seal	1	0	219	282.37
LF2003-C	CPVC, Viton® Seal	1	0	219	313.72



**Standard Turret Units - Deck Mount Turret Lab Fixtures Base -**

with Valve & Serrated Tip with Ball Valve-Direct Flow

LF4002	PVC, EPDM Seal	1	0	218	190.59
LF4003	PVC, Viton® Seal	1	0	218	211.76
LF4002-C	PVC, EPDM Seal	1	0	219	238.23
LF4003-C	PVC, Viton® Seal	1	0	219	264.71



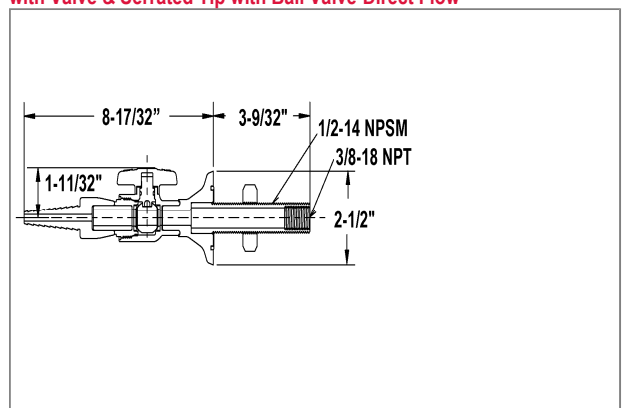
**Standard Turret Units - Panel Mount Turret Lab Fixture Base -**

with Valve & Serrated Tip with Ball Valve-Direct Flow

LF3002	PVC, EPDM Seal	1	0	218	147.72
LF3003	PVC, Viton® Seal	1	0	218	164.15
LF3002-C	PVC, EPDM Seal	1	0	219	184.67
LF3003-C	PVC, Viton® Seal	1	0	219	205.19
LF3002-BL	PVC, EPDM Seal	1	0	066	294.12
LF3003-BL	PVC, Viton® Seal	1	0	066	326.84

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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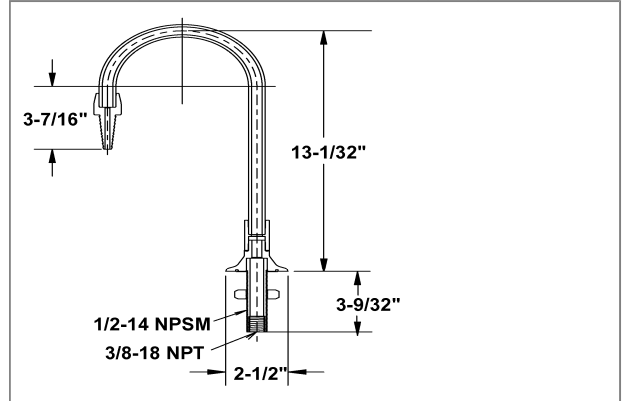
**Standard Turret Units - Panel Mount Turret Lab Fixture Base - (continued)  
with Valve & Serrated Tip with Ball Valve-Direct Flow**



**Remote Valve Units (No Valve) - Deck Mount Gooseneck -**

Base with Gooseneck & Serrated Tip

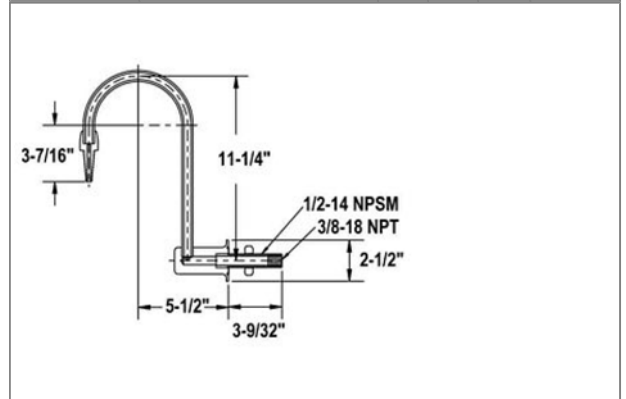
LF100	PVC	1	0	218	123.24
LF100-C	CPVC	1	0	219	154.06
LF100-BL	LXT	1	0	066	245.37



**Remote Valve Units (No Valve) - Panel Mount Gooseneck -**

Base with Gooseneck & Serrated Tip

LF104	PVC	1	0	218	152.23
LF104-C	CPVC	1	0	219	190.29

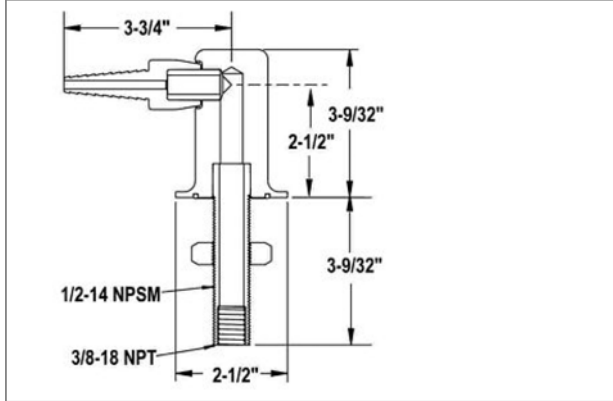




Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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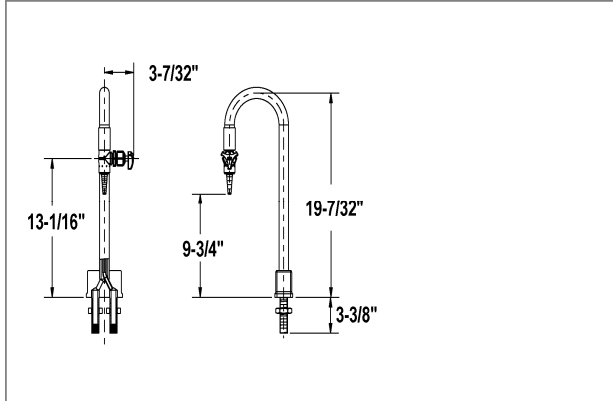
**Remote Valve Units (No Valve) - Deck Mount Turret - Base with Serrated Tip**

LF300	PVC	1	0	218	40.61
LF300-C	CPVC	1	0	219	50.77



**Recirculating Units - Recirculating Deck Mount Lab Fixture - Base with Gooseneck, Valve & Serrated Tip with Needle Valve**

LFR1000-N	PVC, PTFE Seal	1	0	218	312.89
LFR1000-CN	CPVC, PTFE Seal	1	0	219	467.63
LFR1000-BLN	LXT, PTFE Seal	1	0	066	744.85

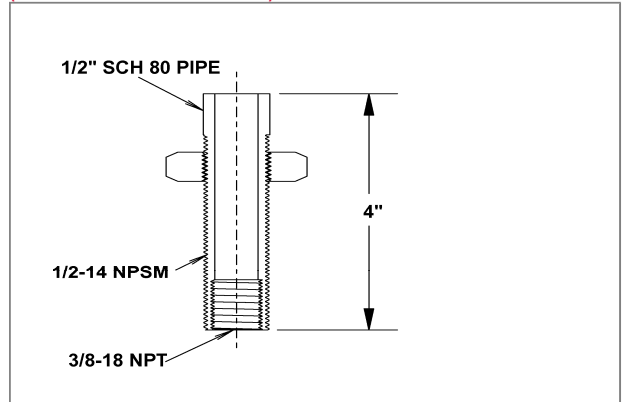


**Accessory/Replacement - Fixture Connection Nipple - (included on all fixtures above) with Locknut**

LF500	PVC	1	0	218	20.39
LF500-C	CPVC	1	0	219	25.50
LF500-BL	LXT	1	0	066	40.64

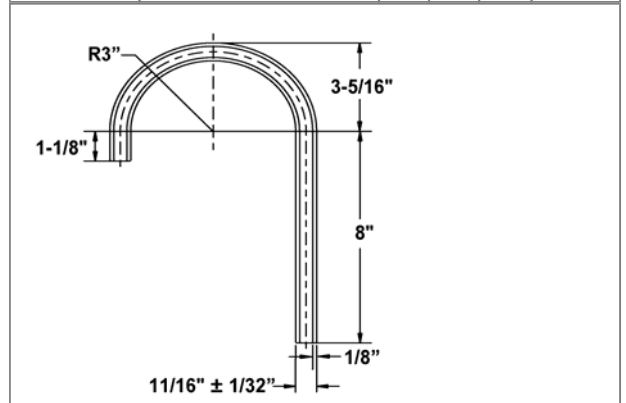
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Accessory/Replacement - Fixture Connection Nipple - (continued) (included on all fixtures above) with Locknut**



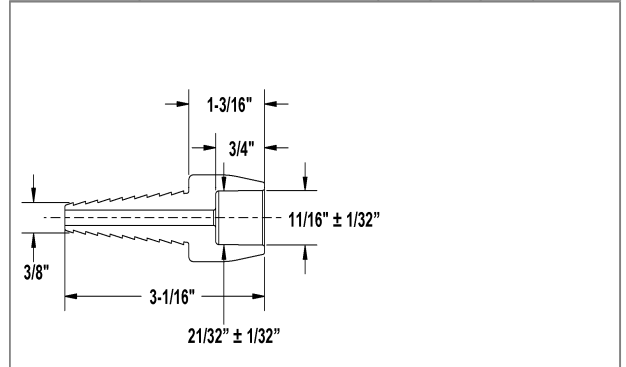
**Accessory/Replacement - Gooseneck (3/8")**

LFGN	PVC	1	0	218	17.33
LFGN-C	CPVC	1	0	219	21.69
LFGN-BL	LXT	1	0	066	34.54



**Accessory/Replacement - Straight Serrated Tip**

LF400	PVC	600	0	218	3.67
LF400-C	CPVC	600	0	219	4.61
LF400-BL	LXT	600	0	066	7.31



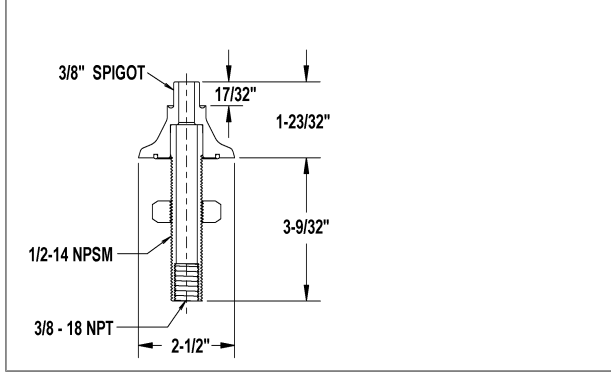


**Lab Specialty Products  
Lab Fixtures**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Accessory/Replacement - Base**  
**Deck Mount**

LFB	PVC	1	0	218	7.48
LFB-C	CPVC	1	0	219	8.93
LFB-BL	LXT	1	0	066	5.11





## Fume & Air Duct PVC & CPVC Duct & Fabricated Duct Fittings



### Seamless Round Duct & Duct Fittings

Spears® Fabricated Duct Fittings are formed from extruded Seamless Round Duct to provide the high corrosion resistance of thermoplastics in PVC and higher temperature handling in CPVC materials for aggressive corrosive fume exhaust and drain applications.

- Excellent Chemical Resistance to a wide range of corrosive fumes, gasses and fluids.
- Large interior diameters for optimum flow characteristics.
- Light weight provides easier handling, installation, and fabrication for lower overall installed cost.

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

### Round Seamless Duct Dimensions

Size (in.)	AVG. O.D.	AVG. O.D.TOL.	O/R TOL.	MIN. Wall	AVG. Wall	MAX. Wall	PVC lbs. Per Ft.	CPVC lbs. Per Ft.
6	6.625	+/- .020	+/- .050	0.172	0.187	0.202	2.275	2.555
8	8.625	+/- .020	+/- .075	0.172	0.187	0.202	2.982	3.349
10	10.750	+/- .025	+/- .075	0.172	0.187	0.202	3.733	4.192
12	12.750	+/- .025	+/- .075	0.172	0.187	0.202	4.440	4.986
14	14.000	+/- .030	+/- .075	0.172	0.187	0.202	4.884	5.485
16	16.000	+/- .030	+/- .075	0.172	0.187	0.202	5.586	6.273
18	18.000	+/- .040	+/- .080	0.172	0.187	0.202	6.750	7.580
20	20.000	+/- .070	+/- .140	0.199	0.219	0.239	8.144	9.146
24	24.000	+/- .090	+/- .180	0.230	0.250	0.270	11.163	12.536

O/R = Out of Round at time of production

### Cold Rolled Fabricated Duct

Round duct above 24" nominal size is cold rolled from extruded PVC or CPVC sheet material. The seam is thermal fused utilizing a computerized welding machine. The sheet edges are heated and pressed together pneumatically achieving 100% weld strength using no filler rod. Wall thickness is 3/16" for sizes up to 32" diameter. Above 32" diameter, 1/4" material will be used, unless otherwise specified. Cold rolled duct is produced in 4' lengths. Large duct fittings can be fabricated to order. Contact Spears® with requirements for additional information.

#### SMACNA FLANGE SPECIFICATIONS

Nominal Duct Size	Flange Outside Dia.	Flange Thickness	Bolt Circle Dia.	Bolt Hole Dia.	No. Of Bolts
6	10"	1/4"	8-1/2"	5/16"	8
7	11"	1/4"	9-1/2"	5/16"	8
8	12"	1/4"	10-1/2"	5/16"	10
9	13"	1/4"	11-1/2"	5/16"	10
10	14"	1/4"	12-1/2"	5/16"	12
11	15"	1/4"	13-1/2"	5/16"	12
12	16"	1/4"	14-3/8"	5/16"	16
14	18"	1/4"	16-1/2"	5/16"	16
16	20"	1/4"	18-1/2"	5/16"	18
18	22"	1/4"	20-1/2"	5/16"	20
20	24"	1/4"	22-1/2"	5/16"	22
24	28"	1/4"	26-1/2"	5/16"	24



**Fume & Air Duct  
PVC & CPVC Round Seamless Duct & PVC & CPVC Cold Rolled Fabricated Duct**

**PVC & CPVC Round Seamless Duct**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**10' PVC Duct - Plain End**

Price Per Foot

PD-430-060-10	6	10	0	748	12.35
PD-430-080-10	8	10	0	748	15.55
PD-430-100-10	10	10	0	748	19.48
PD-430-120-10	12	10	0	748	23.17
PD-430-140-10	14	10	0	948	83.71
PD-430-160-10	16	10	0	948	95.65
PD-430-180-10	18	10	0	948	141.53
PD-430-200-10	20	10	0	948	177.68
PD-430-240-10	24	10	0	948	225.58

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**20' PVC Duct - Plain End**

Price Per Foot

PD-430-060	6	20	0	748	12.35
PD-430-080	8	20	0	748	15.55
PD-430-100	10	20	0	748	19.48
PD-430-120	12	20	0	748	23.17
PD-430-140	14	20	0	948	83.71
PD-430-160	16	20	0	948	95.65
PD-430-180	18	20	0	948	141.53
PD-430-200	20	20	0	948	177.68
PD-430-240	24	20	0	948	225.58

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**10' CPVC Duct - Plain End**

Price Per Foot

PD-430-060C-10	6	10	0	749	24.79
PD-430-080C-10	8	10	0	749	32.51
PD-430-100C-10	10	10	0	749	40.69
PD-430-120C-10	12	10	0	749	48.38
PD-430-140C-10	14	10	0	949	313.25
PD-430-160C-10	16	10	0	949	379.15

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**20' CPVC Duct - Plain End**

Price Per Foot

PD-430-060C	6	20	0	749	24.79
PD-430-080C	8	20	0	749	32.51
PD-430-100C	10	20	0	749	40.69
PD-430-120C	12	20	0	749	48.38
PD-430-140C	14	20	0	949	313.25
PD-430-160C	16	20	0	949	379.15
PD-430-180C	18	20	0	949	435.79
PD-430-200C	20	20	0	949	597.42
PD-430-240C	24	20	0	949	705.80

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**PVC & CPVC Cold Rolled Fabricated Duct**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**4' PVC Cold Rolled Duct - Plain End**

Price Per Foot

PD-430-260	26X4	4	0	434	412.90
PD-430-280	28X4	4	0	434	491.86
PD-430-300	30X4	4	0	434	603.40
PD-430-320	32X4	4	0	434	649.97
PD-430-360	36X4	4	0	434	735.61
PD-430-380	38X4	4	0	434	798.59
PD-430-400	40X4	4	0	434	818.70
PD-430-420	42X4	4	0	434	1385.00
PD-430-460	46X4	4	0	434	1017.31
PD-430-480	48X4	4	0	434	1092.77

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**4' CPVC Cold Rolled Duct - Plain End**

Price Per Foot

PD-430-260C	26X4	4	0	435	1234.28
PD-430-280C	28X4	4	0	435	1420.36
PD-430-300C	30X4	4	0	435	1576.67
PD-430-320C	32X4	4	0	435	1627.51

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**4' CPVC Cold Rolled Duct - Plain End (continued)**

Price Per Foot

PD-430-360C	36X4	4	0	435	1739.57
PD-430-380C	38X4	4	0	435	1924.70
PD-430-400C	40X4	4	0	435	2016.80
PD-430-420C	42X4	4	0	435	2115.05
PD-430-460C	46X4	4	0	435	2379.54
PD-430-480C	48X4	4	0	435	2742.23

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

## Fume & Air Duct PVC & CPVC Duct Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC TEE Belled Socket



4301-060	6	1	4	430	185.67
4301-080	8	1	0	430	236.30
4301-100	10	1	0	430	298.07
4301-120	12	1	0	430	328.40
4301-140	14	1	0	430	381.99
4301-160	16	1	0	430	492.10
4301-180	18	1	0	430	647.62
4301-200	20	1	0	430	951.69
4301-240	24	1	0	430	1271.96

### PVC REDUCING TEE Belled Socket



4301-532	6X4	1	4	430	206.76
4301-582	8X4	1	2	430	215.28
4301-585	8X6	1	0	430	228.17
4301-624	10X4	1	2	430	242.35
4301-626	10X6	1	0	430	253.52
4301-628	10X8	1	0	430	312.36
4301-664	12X4	1	2	430	290.90
4301-666	12X6	1	0	430	328.39
4301-668	12X8	1	0	430	350.00
4301-670	12X10	1	0	430	405.76
4301-694	14X4	1	0	430	327.33
4301-696	14X6	1	0	430	354.59
4301-698	14X8	1	0	430	378.95
4301-700	14X10	1	0	430	416.98
4301-702	14X12	1	0	430	489.66
4301-754	16X4	1	0	430	362.20
4301-756	16X6	1	0	430	384.94
4301-758	16X8	1	0	430	435.09
4301-760	16X10	1	0	430	484.96
4301-762	16X12	1	0	430	519.94
4301-764	16X14	1	0	430	588.30
4301-784	18X4	1	0	430	404.15
4301-786	18X6	1	0	430	424.04
4301-788	18X8	1	0	430	481.21
4301-790	18X10	1	0	430	525.69
4301-792	18X12	1	0	430	589.99
4301-794	18X14	1	0	430	643.57
4301-796	18X16	1	0	430	745.60
4301-814	20X4	1	0	430	456.27
4301-816	20X6	1	0	430	469.49
4301-818	20X8	1	0	430	531.38
4301-820	20X10	1	0	430	558.07
4301-822	20X12	1	0	430	641.47
4301-824	20X14	1	0	430	707.30
4301-826	20X16	1	0	430	828.13
4301-828	20X18	1	0	430	990.48
4301-904	24X4	1	0	430	478.96
4301-906	24X6	1	0	430	499.80
4301-908	24X8	1	0	430	574.45
4301-910	24X10	1	0	430	652.80
4301-912	24X12	1	0	430	760.67
4301-914	24X14	1	0	430	840.57
4301-916	24X16	1	0	430	927.87
4301-918	24X18	1	0	430	1105.24
4301-920	24X20	1	0	430	1268.71

### PVC 90° ELBOW Belled Socket



4306-060	6	1	2	430	146.69
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC 90° ELBOW (continued) Belled Socket

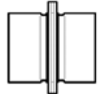
4306-080	8	1	2	430	165.30
4306-100	10	1	0	430	199.46
4306-120	12	1	0	430	224.93
4306-140	14	1	0	430	265.19
4306-160	16	1	0	430	342.61
4306-180	18	1	0	430	476.81
4306-200	20	1	0	430	725.30
4306-240	24	1	0	430	874.94

### PVC 45° ELBOW Belled Socket



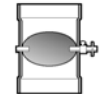
4317-060	6	1	4	430	102.77
4317-080	8	1	6	430	128.12
4317-100	10	1	2	430	138.87
4317-120	12	1	2	430	172.02
4317-140	14	1	0	430	203.21
4317-160	16	1	0	430	246.27
4317-180	18	1	0	430	359.45
4317-200	20	1	0	430	493.11
4317-240	24	1	0	430	641.73

### PVC BLAST GATE Belled End



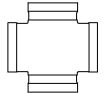
43BG-060	6	1	0	430	245.62
43BG-080	8	1	2	430	279.21
43BG-100	10	1	0	430	295.94
43BG-120	12	1	2	430	370.82
43BG-140	14	1	0	430	492.22
43BG-160	16	1	0	430	546.98
43BG-180	18	1	0	430	645.28
43BG-200	20	1	0	430	732.35
43BG-240	24	1	2	430	997.87

### PVC BUTTERFLY DAMPER Belled Socket



43BD-060	6	1	2	430	240.57
43BD-080	8	1	2	430	247.95
43BD-100	10	1	0	430	284.02
43BD-120	12	1	0	430	304.36
43BD-140	14	1	2	430	407.51
43BD-160	16	1	0	430	454.13
43BD-180	18	1	0	430	616.36
43BD-200	20	1	0	430	726.34
43BD-240	24	1	0	430	938.73

### PVC CROSS Belled Socket



4320-060	6	1	0	430	325.52
4320-080	8	1	0	430	447.99
4320-100	10	1	0	430	534.29
4320-120	12	1	0	430	579.54
4320-140	14	1	0	430	717.33
4320-160	16	1	0	430	820.62
4320-180	18	1	0	430	1046.41
4320-200	20	1	0	430	1278.62
4320-240	24	1	0	430	1684.29

Made in the U.S.A.

NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS  
Progressive Products from Spears® Innovation and Technology



## Fume & Air Duct PVC & CPVC Duct Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC REDUCING CROSS

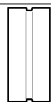
Belled Socket



4320-532	6X4	1	3	430	309.78
4320-582	8X4	1	0	430	383.45
4320-585	8X6	1	0	430	405.82
4320-624	10X4	1	0	430	423.12
4320-626	10X6	1	0	430	474.47
4320-628	10X8	1	0	430	500.50
4320-664	12X4	1	0	430	412.88
4320-666	12X6	1	0	430	451.95
4320-668	12X8	1	0	430	508.36
4320-670	12X10	1	0	430	541.13
4320-694	14X4	1	0	430	445.82
4320-696	14X6	1	0	430	512.88
4320-698	14X8	1	0	430	573.71
4320-700	14X10	1	0	430	623.31
4320-702	14X12	1	0	430	691.72
4320-754	16X4	1	0	430	576.99
4320-756	16X6	1	0	430	636.53
4320-758	16X8	1	0	430	684.94
4320-760	16X10	1	0	430	719.12
4320-762	16X12	1	0	430	751.14
4320-764	16X14	1	0	430	788.46
4320-784	18X4	1	0	430	653.66
4320-786	18X6	1	0	430	740.60
4320-788	18X8	1	0	430	782.14
4320-790	18X10	1	0	430	833.99
4320-792	18X12	1	0	430	885.71
4320-794	18X14	1	0	430	959.72
4320-796	18X16	1	0	430	1002.91
4320-814	20X4	1	0	430	765.48
4320-816	20X6	1	0	430	848.10
4320-818	20X8	1	0	430	909.94
4320-820	20X10	1	0	430	957.43
4320-822	20X12	1	0	430	1018.72
4320-824	20X14	1	0	430	1087.02
4320-826	20X16	1	0	430	1149.44
4320-828	20X18	1	0	430	1238.16
4320-904	24X4	1	0	430	842.39
4320-906	24X6	1	0	430	858.62
4320-908	24X8	1	0	430	948.87
4320-910	24X10	1	0	430	1046.67
4320-912	24X12	1	0	430	1154.62
4320-914	24X14	1	0	430	1261.67
4320-916	24X16	1	0	430	1352.12
4320-918	24X18	1	0	430	1494.46
4320-920	24X20	1	0	430	1589.49

### PVC COUPLING

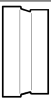
Belled Socket



4329-060	6	1	4	430	39.73
4329-080	8	1	4	430	46.66
4329-100	10	1	2	430	54.98
4329-120	12	1	4	430	62.10
4329-140	14	1	2	430	68.11
4329-160	16	1	2	430	84.09
4329-180	18	1	2	430	122.84
4329-200	20	1	2	430	189.82
4329-240	24	1	0	430	256.98

### PVC REDUCER COUPLING

Belled Socket



4329-532	6X4	1	4	430	51.90
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC REDUCER COUPLING (continued)

Belled Socket

4329-582	8X4	1	5	430	160.47
4329-585	8X6	1	8	430	68.05
4329-624	10X4	1	2	430	299.93
4329-626	10X6	1	2	430	186.47
4329-628	10X8	1	4	430	87.44
4329-664	12X4	1	2	430	334.07
4329-666	12X6	1	2	430	322.63
4329-668	12X8	1	2	430	233.46
4329-670	12X10	1	4	430	101.77
4329-694	14X4	1	0	430	829.78
4329-696	14X6	1	0	430	601.17
4329-698	14X8	1	0	430	353.47
4329-700	14X10	1	0	430	292.00
4329-702	14X12	1	4	430	167.06
4329-754	16X4	1	0	430	1002.29
4329-756	16X6	1	0	430	811.90
4329-758	16X8	1	0	430	585.59
4329-760	16X10	1	0	430	407.33
4329-762	16X12	1	0	430	347.10
4329-764	16X14	1	0	430	188.79
4329-784	18X4	1	0	430	1252.19
4329-786	18X6	1	0	430	1022.82
4329-788	18X8	1	0	430	876.69
4329-790	18X10	1	0	430	598.77
4329-792	18X12	1	0	430	514.71
4329-794	18X14	1	0	430	434.54
4329-796	18X16	1	0	430	216.84
4329-814	20X4	1	0	430	1496.40
4329-816	20X6	1	0	430	1281.05
4329-818	20X8	1	0	430	1044.35
4329-820	20X10	1	0	430	939.18
4329-822	20X12	1	0	430	820.28
4329-824	20X14	1	0	430	615.18
4329-826	20X16	1	0	430	599.32
4329-828	20X18	1	0	430	382.48
4329-904	24X4	1	0	430	1911.22
4329-906	24X6	1	0	430	1709.34
4329-908	24X8	1	0	430	1486.53
4329-910	24X10	1	0	430	1268.68
4329-912	24X12	1	0	430	1070.43
4329-914	24X14	1	0	430	941.96
4329-916	24X16	1	0	430	772.16
4329-918	24X18	1	0	430	709.22
4329-920	24X20	1	0	430	695.81

### PVC SLEEVE COUPLING

Socket (No Stop)



4329S-060	6	1	5	430	32.84
4329S-080	8	1	8	430	43.19
4329S-100	10	1	4	430	48.65
4329S-120	12	1	4	430	53.15
4329S-140	14	1	4	430	68.18
4329S-160	16	1	0	430	75.44
4329S-180	18	1	2	430	99.72
4329S-200	20	1	2	430	125.18
4329S-240	24	1	2	430	145.17

### PVC FLAT CAP

Belled Socket



4347-060	6	1	10	430	81.64
4347-080	8	1	5	430	83.10
4347-100	10	1	5	430	89.61
4347-120	12	1	4	430	98.00

## Fume & Air Duct PVC & CPVC Duct Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC FLAT CAP (continued)

#### Belled Socket

4347-140	14	1	4	430	158.00
4347-160	16	1	2	430	172.18
4347-180	18	1	4	430	187.61
4347-200	20	1	5	430	279.62
4347-240	24	1	4	430	285.86

### PVC RAIN CAP

#### Belled Socket Style A



4347-060A	6	1	4	430	621.77
4347-080A	8	1	0	430	624.70
4347-100A	10	1	0	430	650.63
4347-120A	12	1	0	430	673.70
4347-140A	14	1	0	430	737.80
4347-160A	16	1	0	430	805.32
4347-180A	18	1	0	430	1074.48
4347-200A	20	1	0	430	1143.38
4347-240A	24	1	0	430	1295.49

### PVC RAIN CAP

#### Belled Socket Style B



4347-060B	6	1	0	430	587.26
4347-080B	8	1	0	430	664.55
4347-100B	10	1	0	430	718.54
4347-120B	12	1	8	430	782.39
4347-140B	14	1	0	430	879.50
4347-160B	16	1	0	430	1066.93
4347-180B	18	1	0	430	1289.91
4347-200B	20	1	0	430	1479.97
4347-240B	24	1	0	430	1713.09

### PVC DUCT FLANGE

#### Belled Socket One Piece



#### SMACNA Bolt Pattern

4351S-060	6	1	5	430	84.61
4351S-080	8	1	2	430	107.54
4351S-100	10	1	2	430	114.91
4351S-120	12	1	2	430	134.06
4351S-140	14	1	0	430	147.05
4351S-160	16	1	0	430	189.69
4351S-180	18	1	3	430	282.73
4351S-200	20	1	0	430	346.80
4351S-240	24	1	0	430	373.31

See SMACNA Flange Specifications at the front of this catalog.  
Also available in ANSI Class 150 Bolt Pattern.

### PVC BLIND DUCT FLANGE

#### One Piece



#### Class 150 Bolt Pattern

4353-060	6	1	36	430	81.85
4353-080	8	1	52	430	102.68
4353-100	10	1	18	430	113.27
4353-120	12	1	50	430	136.15
4353-140	14	1	50	430	173.27
4353-160	16	1	50	430	197.00
4353-180	18	1	50	430	239.93
4353-200	20	1	57	430	334.64
4353-240	24	1	0	430	360.23

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC BLIND DUCT FLANGE

#### One Piece



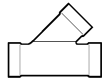
#### SMACNA Bolt Pattern

4353S-060	6	0	0	430	87.10
4353S-080	8	1	10	430	109.23
4353S-100	10	1	52	430	120.49
4353S-120	12	1	52	430	144.85
4353S-140	14	1	52	430	184.34
4353S-160	16	1	50	430	209.57
4353S-180	18	1	50	430	259.69
4353S-200	20	1	50	430	355.98
4353S-240	24	1	0	430	383.21

See SMACNA Flange Specifications at the front of this catalog.

### PVC WYE

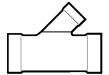
#### Belled Socket



4375-060	6	1	2	430	255.80
4375-080	8	1	0	430	308.40
4375-100	10	1	0	430	382.28
4375-120	12	1	0	430	509.41
4375-140	14	1	0	430	589.87
4375-160	16	1	0	430	1473.05
4375-180	18	1	0	430	2162.96
4375-200	20	1	0	430	3511.56
4375-240	24	1	0	430	1608.61

### PVC REDUCING WYE

#### Belled Socket



4375-532	6X4	1	2	430	249.29
4375-582	8X4	1	2	430	272.60
4375-585	8X6	1	0	430	286.00
4375-624	10X4	1	0	430	310.17
4375-626	10X6	1	0	430	332.50
4375-628	10X8	1	0	430	364.68
4375-664	12X4	1	0	430	339.41
4375-666	12X6	1	0	430	357.15
4375-668	12X8	1	0	430	405.20
4375-670	12X10	1	0	430	453.69
4375-694	14X4	1	0	430	396.68
4375-696	14X6	1	0	430	424.48
4375-698	14X8	1	0	430	454.91
4375-700	14X10	1	0	430	519.48
4375-702	14X12	1	0	430	582.52
4375-754	16X4	1	0	430	470.70
4375-756	16X6	1	0	430	503.50
4375-758	16X8	1	0	430	521.65
4375-760	16X10	1	0	430	551.77
4375-762	16X12	1	0	430	602.79
4375-764	16X14	1	0	430	685.38
4375-784	18X4	1	0	430	553.68
4375-786	18X6	1	0	430	577.53
4375-788	18X8	1	0	430	628.89
4375-790	18X10	1	0	430	659.99
4375-792	18X12	1	0	430	695.21
4375-794	18X14	1	0	430	789.69
4375-796	18X16	1	0	430	924.74
4375-814	20X4	1	0	430	623.46
4375-816	20X6	1	0	430	663.50
4375-818	20X8	1	0	430	704.63
4375-820	20X10	1	0	430	745.06
4375-822	20X12	1	0	430	791.37
4375-824	20X14	1	0	430	841.61
4375-826	20X16	1	0	430	1005.46



## Fume & Air Duct PVC & CPVC Duct Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC REDUCING WYE (continued)

Belled Socket

4375-828	20X18	1	0	430	1156.86
4375-904	24X4	1	0	430	748.94
4375-906	24X6	1	0	430	791.29
4375-908	24X8	1	0	430	865.79
4375-910	24X10	1	0	430	956.50
4375-912	24X12	1	0	430	1018.91
4375-914	24X14	1	0	430	1115.76
4375-916	24X16	1	0	430	1163.37
4375-918	24X18	1	0	430	1319.73
4375-920	24X20	1	0	430	1491.72

### CPVC TEE

Belled Socket



4301-060C	6	1	4	432	342.14
4301-080C	8	1	0	432	454.53
4301-100C	10	1	0	432	636.00
4301-120C	12	1	0	432	768.94
4301-140C	14	1	0	432	902.53
4301-160C	16	1	0	432	1118.31
4301-180C	18	1	0	432	1331.14
4301-200C	20	1	0	432	1844.78
4301-240C	24	1	0	432	2634.14

### CPVC REDUCING TEE

Belled Socket



4301-532C	6X4	1	4	432	294.04
4301-582C	8X4	1	2	432	338.87
4301-585C	8X6	1	0	432	392.84
4301-624C	10X4	1	2	432	424.01
4301-626C	10X6	1	0	432	485.40
4301-628C	10X8	1	0	432	532.94
4301-664C	12X4	1	2	432	488.62
4301-666C	12X6	1	0	432	521.73
4301-668C	12X8	1	0	432	635.63
4301-670C	12X10	1	0	432	745.21
4301-694C	14X4	1	0	432	618.51
4301-696C	14X6	1	0	432	650.79
4301-698C	14X8	1	0	432	725.47
4301-700C	14X10	1	0	432	843.29
4301-702C	14X12	1	0	432	875.53
4301-754C	16X4	1	0	432	680.38
4301-756C	16X6	1	0	432	716.18
4301-758C	16X8	1	0	432	795.76
4301-760C	16X10	1	0	432	925.33
4301-762C	16X12	1	0	432	988.10
4301-764C	16X14	1	0	432	1137.80
4301-784C	18X4	1	0	432	860.16
4301-786C	18X6	1	0	432	924.93
4301-788C	18X8	1	0	432	982.69
4301-790C	18X10	1	0	432	1056.67
4301-792C	18X12	1	0	432	1124.11
4301-794C	18X14	1	0	432	1266.49
4301-796C	18X16	1	0	432	1311.93
4301-814C	20X4	1	0	432	1031.69
4301-816C	20X6	1	0	432	1075.95
4301-818C	20X8	1	0	432	1208.94
4301-820C	20X10	1	0	432	1261.93
4301-822C	20X12	1	0	432	1342.48
4301-824C	20X14	1	0	432	1443.54
4301-826C	20X16	1	0	432	1609.23
4301-828C	20X18	1	0	432	1841.20
4301-904C	24X4	1	0	432	1193.85
4301-906C	24X6	1	0	432	1373.06

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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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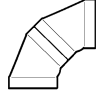
### CPVC REDUCING TEE (continued)

Belled Socket

4301-908C	24X8	1	0	432	1460.69
4301-910C	24X10	1	0	432	1537.60
4301-912C	24X12	1	0	432	1671.30
4301-914C	24X14	1	0	432	1797.09
4301-916C	24X16	1	0	432	1911.80
4301-918C	24X18	1	0	432	2238.52
4301-920C	24X20	1	0	432	2553.61

### CPVC 90° ELBOW

Belled Socket



4306-060C	6	1	2	432	241.70
4306-080C	8	1	2	432	323.95
4306-100C	10	1	0	432	440.59
4306-120C	12	1	0	432	526.87
4306-140C	14	1	0	432	662.17
4306-160C	16	1	0	432	812.04
4306-180C	18	1	0	432	1023.12
4306-200C	20	1	0	432	1447.67
4306-240C	24	1	0	432	1936.52

### CPVC 45° ELBOW

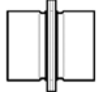
Belled Socket



4317-060C	6	1	4	432	184.73
4317-080C	8	1	6	432	247.15
4317-100C	10	1	2	432	333.98
4317-120C	12	1	2	432	403.91
4317-140C	14	1	0	432	497.99
4317-160C	16	1	0	432	573.44
4317-180C	18	1	0	432	772.84
4317-200C	20	1	0	432	1042.97
4317-240C	24	1	0	432	1466.50

### CPVC BLAST GATE

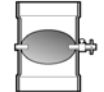
Belled End



43BG-060C	6	1	0	432	550.61
43BG-080C	8	1	2	432	675.31
43BG-100C	10	1	0	432	833.32
43BG-120C	12	1	0	432	953.31
43BG-140C	14	1	0	432	1192.49
43BG-160C	16	1	0	432	1407.21
43BG-180C	18	1	0	432	1787.14
43BG-200C	20	1	0	432	2162.39
43BG-240C	24	1	0	432	2919.21

### CPVC BUTTERFLY DAMPER

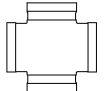
Belled Socket



43BD-060C	6	1	2	432	378.79
43BD-080C	8	1	4	432	413.77
43BD-100C	10	1	0	432	534.20
43BD-120C	12	1	4	432	648.24
43BD-140C	14	1	0	432	776.28
43BD-160C	16	1	0	432	901.98
43BD-180C	18	1	0	432	1152.10
43BD-200C	20	1	0	432	1394.34
43BD-240C	24	1	0	432	1891.15

### CPVC CROSS

Belled Socket



4320-060C	6	1	0	432	677.41
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## Fume & Air Duct PVC & CPVC Duct Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC CROSS (continued)

Belled Socket

4320-080C	8	1	0	432	899.96
4320-100C	10	1	0	432	1259.27
4320-120C	12	1	0	432	1522.51
4320-140C	14	1	0	432	1787.01
4320-160C	16	1	0	432	2214.27
4320-180C	18	1	0	432	2635.65
4320-200C	20	1	0	432	3652.68
4320-240C	24	1	0	432	5215.57

### CPVC REDUCING CROSS

Belled Socket



4320-532C	6X4	1	3	432	600.36
4320-582C	8X4	1	0	432	744.55
4320-585C	8X6	1	0	432	785.68
4320-624C	10X4	1	0	432	839.53
4320-626C	10X6	1	0	432	961.11
4320-628C	10X8	1	0	432	1055.20
4320-664C	12X4	1	0	432	967.48
4320-666C	12X6	1	0	432	1033.03
4320-668C	12X8	1	0	432	1258.56
4320-670C	12X10	1	0	432	1475.51
4320-694C	14X4	1	0	432	1224.65
4320-696C	14X6	1	0	432	1288.60
4320-698C	14X8	1	0	432	1436.43
4320-700C	14X10	1	0	432	1669.71
4320-702C	14X12	1	0	432	1733.55
4320-754C	16X4	1	0	432	1347.14
4320-756C	16X6	1	0	432	1418.05
4320-758C	16X8	1	0	432	1575.63
4320-760C	16X10	1	0	432	1832.14
4320-762C	16X12	1	0	432	1956.40
4320-764C	16X14	1	0	432	2252.85
4320-784C	18X4	1	0	432	1703.16
4320-786C	18X6	1	0	432	1831.33
4320-788C	18X8	1	0	432	1945.74
4320-790C	18X10	1	0	432	2092.19
4320-792C	18X12	1	0	432	2225.74
4320-794C	18X14	1	0	432	2507.65
4320-796C	18X16	1	0	432	2597.63
4320-814C	20X4	1	0	432	2042.76
4320-816C	20X6	1	0	432	2130.39
4320-818C	20X8	1	0	432	2393.71
4320-820C	20X10	1	0	432	2498.63
4320-822C	20X12	1	0	432	2658.12
4320-824C	20X14	1	0	432	2858.17
4320-826C	20X16	1	0	432	3186.30
4320-828C	20X18	1	0	432	3645.57
4320-904C	24X4	1	0	432	2363.82
4320-906C	24X6	1	0	432	2718.68
4320-908C	24X8	1	0	432	2892.18
4320-910C	24X10	1	0	432	3044.40
4320-912C	24X12	1	0	432	3309.16
4320-914C	24X14	1	0	432	3558.21
4320-916C	24X16	1	0	432	3785.34
4320-918C	24X18	1	0	432	4432.26
4320-920C	24X20	1	0	432	5056.14

### CPVC COUPLING

Belled Socket



4329-060C	6	1	4	432	84.87
4329-080C	8	1	8	432	108.22
4329-100C	10	1	2	432	142.55
4329-120C	12	1	3	432	158.77

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC COUPLING (continued)

Belled Socket

4329-140C	14	1	2	432	196.44
4329-160C	16	1	0	432	214.35
4329-180C	18	1	0	432	267.96
4329-200C	20	1	0	432	336.88
4329-240C	24	1	2	432	414.39

### CPVC REDUCER COUPLING

Belled Socket



4329-532C	6X4	1	4	432	165.68
4329-582C	8X4	1	8	432	407.98
4329-585C	8X6	1	8	432	160.49
4329-624C	10X4	1	2	432	562.01
4329-626C	10X6	1	2	432	416.12
4329-628C	10X8	1	4	432	212.89
4329-664C	12X4	1	2	432	794.22
4329-666C	12X6	1	2	432	629.12
4329-668C	12X8	1	2	432	546.87
4329-670C	12X10	1	0	432	291.23
4329-694C	14X4	1	0	432	1020.12
4329-696C	14X6	1	0	432	816.11
4329-698C	14X8	1	0	432	693.71
4329-700C	14X10	1	0	432	710.87
4329-702C	14X12	1	0	432	398.66
4329-754C	16X4	1	0	432	1328.76
4329-756C	16X6	1	0	432	1057.94
4329-758C	16X8	1	0	432	896.56
4329-760C	16X10	1	0	432	851.43
4329-762C	16X12	1	0	432	828.53
4329-764C	16X14	1	0	432	512.20
4329-784C	18X4	1	0	432	1607.07
4329-786C	18X6	1	0	432	1290.83
4329-788C	18X8	1	0	432	1093.91
4329-790C	18X10	1	0	432	1035.89
4329-792C	18X12	1	0	432	997.98
4329-794C	18X14	1	0	432	970.32
4329-796C	18X16	1	0	432	602.00
4329-814C	20X4	1	0	432	2095.00
4329-816C	20X6	1	0	432	1689.53
4329-818C	20X8	1	0	432	1439.34
4329-820C	20X10	1	0	432	1357.85
4329-822C	20X12	1	0	432	1302.03
4329-824C	20X14	1	0	432	1228.36
4329-826C	20X16	1	0	432	1206.45
4329-828C	20X18	1	0	432	879.35
4329-904C	24X4	1	0	432	2691.68
4329-906C	24X6	1	0	432	2168.20
4329-908C	24X8	1	0	432	1870.33
4329-910C	24X10	1	0	432	1749.86
4329-912C	24X12	1	0	432	1684.17
4329-914C	24X14	1	0	432	1588.84
4329-916C	24X16	1	0	432	1501.72
4329-918C	24X18	1	0	432	1449.89
4329-920C	24X20	1	0	432	1395.89

### CPVC SLEEVE COUPLING

Socket (No Stop)



4329S-060C	6	1	5	432	90.88
4329S-080C	8	1	0	432	116.70
4329S-100C	10	1	0	432	153.83
4329S-120C	12	1	3	432	171.43
4329S-140C	14	1	2	432	212.12
4329S-160C	16	1	2	432	231.63
4329S-180C	18	1	2	432	289.49

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## Fume & Air Duct PVC & CPVC Duct Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC SLEEVE COUPLING (continued)

#### Socket (No Stop)

4329S-200C	20	1	0	432	364.65
4329S-240C	24	1	0	432	447.71

### CPVC FLAT CAP

#### Belled Socket



4347-060C	6	1	0	432	156.60
4347-080C	8	1	5	432	186.57
4347-100C	10	1	4	432	217.52
4347-120C	12	1	5	432	248.39
4347-140C	14	1	4	432	279.46
4347-160C	16	1	2	432	321.11
4347-180C	18	1	5	432	405.44
4347-200C	20	1	5	432	582.13
4347-240C	24	1	5	432	621.16

### CPVC RAIN CAP

#### Belled Socket Style A



4347-060AC	6	1	2	432	739.90
4347-080AC	8	1	0	432	1012.38
4347-100AC	10	1	0	432	1176.99
4347-120AC	12	1	0	432	1423.87
4347-140AC	14	1	0	432	1921.84
4347-160AC	16	1	0	432	2193.06
4347-180AC	18	1	0	432	2527.44
4347-200AC	20	1	0	432	3689.99
4347-240AC	24	1	0	432	4353.22

### CPVC RAIN CAP

#### Belled Socket Style B



4347-060BC	6	1	0	432	662.39
4347-080BC	8	1	0	432	982.27
4347-100BC	10	1	0	432	1190.85
4347-120BC	12	1	0	432	1431.01
4347-140BC	14	1	0	432	1928.94
4347-160BC	16	1	0	432	2196.44
4347-180BC	18	1	0	432	2692.39
4347-200BC	20	1	0	432	3959.81
4347-240BC	24	1	0	432	4312.24

### CPVC DUCT FLANGE

#### Belled Socket One Piece



#### SMACNA Bolt Pattern

4351S-060C	6	1	0	432	193.19
4351S-080C	8	1	2	432	223.61
4351S-100C	10	1	0	432	276.05
4351S-120C	12	1	2	432	293.61
4351S-140C	14	1	0	432	340.47
4351S-160C	16	1	0	432	396.20
4351S-180C	18	1	0	432	529.98
4351S-200C	20	1	0	432	643.50
4351S-240C	24	1	0	432	906.53

See SMACNA Flange Specifications at the end of this catalog.  
Also available in ANSI Class 150 Bolt Pattern.

### CPVC BLIND DUCT FLANGE

#### One Piece



#### Class 150 Bolt Pattern

4353-060C	6	1	36	432	194.46
4353-080C	8	1	36	432	223.44

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC BLIND DUCT FLANGE (continued)

#### One Piece

4353-100C	10	1	18	432	269.51
4353-120C	12	1	4	432	296.33
4353-140C	14	1	6	432	351.98
4353-160C	16	1	0	432	387.59
4353-180C	18	1	0	432	551.07
4353-200C	20	1	14	432	682.80
4353-240C	24	1	0	432	910.94

### CPVC BLIND DUCT FLANGE

#### One Piece



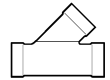
#### SMACNA Bolt Pattern

4353S-060C	6	1	52	432	206.88
4353S-080C	8	1	52	432	237.70
4353S-100C	10	1	52	432	286.71
4353S-120C	12	1	52	432	315.23
4353S-140C	14	1	52	432	374.46
4353S-160C	16	1	50	432	416.51
4353S-180C	18	1	50	432	586.27
4353S-200C	20	1	50	432	726.37
4353S-240C	24	1	57	432	968.49

See SMACNA Flange Specifications at the end of this catalog.

### CPVC WYE

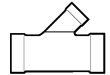
#### Belled Socket



4375-060C	6	1	2	432	381.44
4375-080C	8	1	0	432	504.35
4375-100C	10	1	0	432	760.26
4375-120C	12	1	0	432	963.55
4375-140C	14	1	0	432	1221.57
4375-160C	16	1	0	432	5266.23
4375-180C	18	1	0	432	6014.81
4375-200C	20	1	0	432	11540.74
4375-240C	24	1	0	432	3937.48

### CPVC REDUCING WYE

#### Belled Socket



4375-532C	6X4	1	2	432	385.26
4375-582C	8X4	1	2	432	466.12
4375-585C	8X6	1	0	432	469.34
4375-624C	10X4	1	0	432	557.17
4375-626C	10X6	1	0	432	568.54
4375-628C	10X8	1	0	432	674.95
4375-664C	12X4	1	0	432	637.20
4375-666C	12X6	1	0	432	655.93
4375-668C	12X8	1	0	432	766.05
4375-670C	12X10	1	0	432	1300.29
4375-694C	14X4	1	0	432	699.80
4375-696C	14X6	1	0	432	708.94
4375-698C	14X8	1	0	432	864.55
4375-700C	14X10	1	0	432	1007.48
4375-702C	14X12	1	0	432	1112.90
4375-754C	16X4	1	0	432	740.37
4375-756C	16X6	1	0	432	745.32
4375-758C	16X8	1	0	432	908.91
4375-760C	16X10	1	0	432	1082.09
4375-762C	16X12	1	0	432	1194.20
4375-764C	16X14	1	0	432	1309.21
4375-784C	18X4	1	0	432	802.30
4375-786C	18X6	1	0	432	813.83
4375-788C	18X8	1	0	432	957.45
4375-790C	18X10	1	0	432	1182.03
4375-792C	18X12	1	0	432	1313.57

**Fume & Air Duct  
PVC & CPVC Duct Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC REDUCING WYE (continued)**

**Belled Socket**

4375-794C	<b>18X14</b>	1	0	432	1574.47
4375-796C	<b>18X16</b>	1	0	432	1779.05
4375-814C	<b>20X4</b>	1	0	432	1465.97
4375-816C	<b>20X6</b>	1	0	432	1532.21
4375-818C	<b>20X8</b>	1	0	432	1662.27
4375-820C	<b>20X10</b>	1	0	432	1727.55
4375-822C	<b>20X12</b>	1	0	432	2157.88
4375-824C	<b>20X14</b>	1	0	432	2236.46
4375-826C	<b>20X16</b>	1	0	432	2415.43
4375-828C	<b>20X18</b>	1	0	432	2594.83
4375-904C	<b>24X4</b>	1	0	432	1646.83
4375-906C	<b>24X6</b>	1	0	432	1741.18
4375-908C	<b>24X8</b>	1	0	432	1996.91
4375-910C	<b>24X10</b>	1	0	432	2266.11
4375-912C	<b>24X12</b>	1	0	432	2438.51
4375-914C	<b>24X14</b>	1	0	432	2559.06
4375-916C	<b>24X16</b>	1	0	432	2685.87
4375-918C	<b>24X18</b>	1	0	432	2993.11
4375-920C	<b>24X20</b>	1	0	432	3338.15



# Double Containment Double Containment

## DOUBLE CONTAINMENT SYSTEM DESIGN

Spears® Double Containment (DC) Fittings are constructed from standard fittings that are to be *assembled on the jobsite*. Spears® DC fittings work with standard pipe for both Carrier and Containment lines. Carrier fittings are equipped with special extender couplings for connection to carrier pipe. Simple, slip-on centralizer brackets used on the carrier pipe support this assembly inside the containment pipe. This design allows the carrier fitting to "float" within the containment fitting, allowing ease of movement for installation while reducing problems associated with thermal expansion and contraction during operation. This simplified approach to double containment makes installation very easy. However, successful installation requires proper design and planning of system layout, a basic understanding of how Spears® double containment fitting design works, and specific attention to a proper sequence of general assembly. See *Double Containment Design & Installation Guide* for additional details on design, installation and different configuration applications. DC fitting sizes are listed through 12", but additional sizes are available on request.

## CONFIGURATIONS

**DC Pipe:** Spears® DC Fittings can be used with any standard pipe of the corresponding size and schedule. As a result, pipe is not listed in this Price Schedule.

**DC Fittings:** Each configuration includes all components to form an internal Carrier Fitting with applicable Extender-Couplings and an external Containment fitting. Each DC Fitting configuration is specified as Carrier Material & Schedule x Containment Material & Schedule. Refer to example below (additional information is found in specific fitting sections).

### Example

A Double Containment 90° Ell having a 1/2" Schedule 40 Carrier and 2" Schedule 40 Containment pipe would be listed as follows:

Product Name _____ Configuration Description _____	<b>DC 90° Ell</b> <b>PVC Sch 40 x PVC Sch 40</b>		
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Part Number	Size	Disc Code	Price Each
DC06-A005-A020	1/2X2	470	32.78

Carrier Elbow

Containment Elbow

Extender Couplings

Centralizer Brackets should be ordered separately for Carrier pipe support in runs of Containment pipe.

**Valve Boxes:** Like DC Fittings, Valve Boxes include all necessary components for connection to the designated Carrier x Containment system. Valve Boxes include the applicable True Union Industrial Ball Valve, Ball Check Valve, or Diaphragm Valve, with designated elastomer seals. Refer to example below (additional information is found in specific Valve Box sections).

### Example

A Valve Box with True Union 2000 Industrial Ball Valve having a 1/2" valve with Schedule 40 Carrier and 2" Schedule 40 Containment pipe would be listed as follows:

Product Name _____ Configuration Description _____	<b>Valve Box, with PVC True Union 2000 Industrial Ball Valve</b> <b>PVC Sch 40 x PVC Sch 40</b>		
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Size	EPDM	Viton®	Disc Code
1/2X2	VBA20-A005-A020 <b>280.17</b>	VBA30-A005-A020 <b>285.10</b>	470

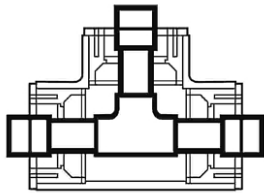
  

Carrier Valve

Containment Valve Box

Extender Couplings

## Double Containment Tees



DC Tees are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration. Carrier fittings are equipped with extenders to facilitate cement assembly. Certain combinations use larger Containment tees that are bushed to specified size.

Important Note: Some Tees are shipped with the Carrier Tee branch extender separated from the Carrier Tee assembly to facilitate assembly. The Carrier Tee branch extension must be cemented in place after the run Carrier Tee assembly is completed. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

<sup>1</sup> Configuration uses larger size Containment Tee with Outlets Bushed down

### DC Tee PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-A005-A020	1/2X2	1	8	470	41.15
DC01-A007-A030	3/4X3	1	10	470	57.31
DC01-A010-A030	1X3	1	10	470	59.35
DC01-A015-A040	1-1/2X4	1	4	470	78.01
DC01-A020-A040 <sup>1</sup>	2X4	1	4	470	279.81
DC01-A030-A060 <sup>1</sup>	3X6	1	2	470	646.27
DC01-A040-A080	4X8	1	2	470	393.64
DC01-A060-A100	6X10	1	0	470	977.38
DC01-A080-A120	8X12	1	0	470	1494.62

### DC Tee

#### PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-A005-G020	1/2X2	1	8	470	109.07
DC01-A007-G030	3/4X3	1	10	470	348.65
DC01-A010-G030	1X3	1	10	470	350.69
DC01-A015-G040	1-1/2X4	1	4	470	605.48
DC01-A020-G040 <sup>1</sup>	2X4	1	4	470	1073.90
DC01-A030-G060 <sup>1</sup>	3X6	1	2	470	1356.73
DC01-A040-G080	4X8	1	2	470	2010.06

### DC Tee PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B005-A020	1/2X2	1	9	470	65.64
DC01-B007-A030	3/4X3	1	10	470	87.14
DC01-B010-A030	1X3	1	10	470	90.09
DC01-B015-A040	1-1/2X4	1	4	470	136.45
DC01-B020-A040 <sup>1</sup>	2X4	1	2	470	338.31
DC01-B030-A060 <sup>1</sup>	3X6	1	2	470	778.78
DC01-B040-A080	4X8	1	2	470	922.40
DC01-B060-A100	6X10	1	0	470	1460.77
DC01-B080-A120	8X12	1	0	470	2333.44

### DC Tee PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B005-G020	1/2X2	1	9	470	133.45
DC01-B007-G030	3/4X3	1	10	470	379.48
DC01-B010-G030	1X3	1	10	470	381.97
DC01-B015-G040	1-1/2X4	1	4	470	668.87
DC01-B020-G040	2X4	1	2	470	2567.27
DC01-B030-G060	3X6	1	2	470	1034.39
DC01-B040-G080	4X8	1	2	470	2151.93

### DC Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B005-B020	1/2X2	1	10	470	101.07
DC01-B007-B030	3/4X3	1	10	470	121.85
DC01-B010-B030	1X3	1	5	470	124.71
DC01-B015-B040	1-1/2X4	1	4	470	168.83

### DC Tee PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B020-B040 <sup>1</sup>	2X4	1	0	470	630.68
DC01-B030-B060 <sup>1</sup>	3X6	1	2	470	941.95
DC01-B040-B080	4X8	1	0	470	1166.17
DC01-B060-B100	6X10	1	0	470	1441.85
DC01-B080-B120	8X12	1	0	470	3327.28

### DC Tee CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-A020	1/2X2	1	10	470	71.38
DC01-C007-A030	3/4X3	1	5	470	93.91
DC01-C010-A030	1X3	1	10	470	105.70
DC01-C015-A040	1-1/2X4	1	4	470	175.72
DC01-C020-A040 <sup>1</sup>	2X4	1	3	470	390.67
DC01-C030-A060 <sup>1</sup>	3X6	1	2	470	902.80
DC01-C040-A080	4X8	1	0	470	719.73
DC01-C060-A100	6X10	1	0	470	1678.16
DC01-C080-A120	8X12	1	0	470	2642.27

### DC Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-B020	1/2X2	1	9	470	106.73
DC01-C007-B030	3/4X3	1	5	470	128.54
DC01-C010-B030	1X3	1	5	470	140.44
DC01-C015-B040	1-1/2X4	1	4	470	203.14
DC01-C020-B040 <sup>1</sup>	2X4	1	4	470	705.12
DC01-C030-B060 <sup>1</sup>	3X6	1	2	470	1286.02
DC01-C040-B080	4X8	1	0	470	938.20
DC01-C060-B100	6X10	1	0	470	2684.24
DC01-C080-B120	8X12	1	0	470	3268.72

### DC Tee CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-C020	1/2X2	1	10	470	111.96
DC01-C007-C030	3/4X3	1	10	470	189.20
DC01-C010-C030	1X3	1	5	470	201.10
DC01-C015-C040	1-1/2X4	1	5	470	293.20
DC01-C020-C040 <sup>1</sup>	2X4	1	0	470	487.57
DC01-C030-C060 <sup>1</sup>	3X6	1	2	470	1027.01
DC01-C040-C080	4X8	1	2	470	1580.44
DC01-C060-C100	6X10	1	0	470	2762.83
DC01-C080-C120	8X12	1	0	470	4990.52

### DC Tee CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-G020	1/2X2	1	9	470	138.76
DC01-C007-G030	3/4X3	1	5	470	385.24
DC01-C010-G030	1X3	1	10	470	397.14
DC01-C015-G040	1-1/2X4	1	6	470	748.45



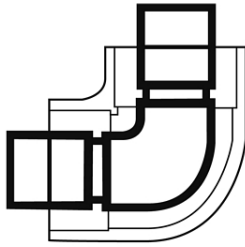
**Double Containment  
Tees**

**DC Tee CPVC Sch 80 x PVC Sch 40 Clear**  
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C020-G040 <sup>1</sup>	<b>2X4</b>	1	6	470	2604.27
DC01-C030-G060 <sup>1</sup>	<b>3X6</b>	1	2	470	1697.65
DC01-C040-G080	<b>4X8</b>	1	2	470	2264.55



## Double Containment 90° Ells



DC 90° Ells are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration. Carrier fittings are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC 90° Ell PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-A005-A020	1/2X2	1	25	470	32.78
DC06-A007-A030	3/4X3	1	10	470	42.73
DC06-A010-A030	1X3	1	10	470	44.16
DC06-A015-A040	1-1/2X4	1	5	470	56.69
DC06-A020-A040	2X4	1	5	470	72.13
DC06-A030-A060	3X6	2	0	470	144.71
DC06-A040-A080	4X8	1	2	470	281.15
DC06-A060-A100	6X10	1	0	470	920.43
DC06-A080-A120	8X12	1	0	470	1349.81

### DC 90° Ell

#### PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-A005-G020	1/2X2	1	25	470	87.47
DC06-A007-G030	3/4X3	1	10	470	241.33
DC06-A010-G030	1X3	1	4	470	242.83
DC06-A015-G040	1-1/2X4	1	5	470	412.20
DC06-A020-G040	2X4	1	8	470	427.65
DC06-A030-G060	3X6	1	2	470	751.55
DC06-A040-G080	4X8	1	2	470	1314.85

### DC 90° Ell PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B005-A020	1/2X2	1	25	470	45.85
DC06-B007-A030	3/4X3	1	10	470	60.41
DC06-B010-A030	1X3	1	10	470	63.26
DC06-B015-A040	1-1/2X4	1	5	470	88.00
DC06-B020-A040	2X4	1	5	470	104.10
DC06-B030-A060	3X6	1	2	470	224.31
DC06-B040-A080	4X8	1	2	470	378.90
DC06-B060-A100	6X10	1	0	470	1115.29
DC06-B080-A120	8X12	1	0	470	1666.84

### DC 90° Ell

#### PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B005-G020	1/2X2	1	25	470	100.17
DC06-B007-G030	3/4X3	1	10	470	258.97
DC06-B010-G030	1X3	1	10	470	261.81
DC06-B015-G040	1-1/2X4	1	8	470	442.26
DC06-B020-G040	2X4	1	4	470	446.11
DC06-B030-G060	3X6	1	4	470	223.18
DC06-B040-G080	4X8	1	2	470	1412.61

### DC 90° Ell PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B005-B020	1/2X2	1	20	470	53.39
DC06-B007-B030	3/4X3	1	10	470	76.55
DC06-B010-B030	1X3	1	10	470	79.43
DC06-B015-B040	1-1/2X4	1	5	470	107.69

### DC 90° Ell PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B020-B040	2X4	1	4	470	111.67
DC06-B030-B060	3X6	2	0	470	275.96
DC06-B040-B080	4X8	1	2	470	535.06
DC06-B060-B100	6X10	1	0	470	1952.56
DC06-B080-B120	8X12	1	0	470	2730.45

### DC 90° Ell CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-A020	1/2X2	1	8	470	49.22
DC06-C007-A030	3/4X3	1	5	470	64.86
DC06-C010-A030	1X3	1	5	470	75.46
DC06-C015-A040	1-1/2X4	1	8	470	122.60
DC06-C020-A040	2X4	1	5	470	147.95
DC06-C030-A060	3X6	1	5	470	287.51
DC06-C040-A080	4X8	1	2	470	552.99
DC06-C060-A100	6X10	1	0	470	1468.33
DC06-C080-A120	8X12	1	0	470	2817.21

### DC 90° Ell CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-B020	1/2X2	1	25	470	56.77
DC06-C007-B030	3/4X3	1	5	470	81.01
DC06-C010-B030	1X3	1	5	470	104.16
DC06-C015-B040	1-1/2X4	1	4	470	143.55
DC06-C020-B040	2X4	1	4	470	168.90
DC06-C030-B060	3X6	1	0	470	376.97
DC06-C040-B080	4X8	1	2	470	709.15
DC06-C060-B100	6X10	1	0	470	2305.56
DC06-C080-B120	8X12	1	0	470	3880.99

### DC 90° Ell

#### CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-C020	1/2X2	1	25	470	79.43
DC06-C007-C030	3/4X3	1	10	470	140.23
DC06-C010-C030	1X3	1	5	470	150.44
DC06-C015-C040	1-1/2X4	1	5	470	265.38
DC06-C020-C040	2X4	1	4	470	283.20
DC06-C030-C060	3X6	1	2	470	493.86
DC06-C040-C080	4X8	1	2	470	1139.99
DC06-C060-C100	6X10	1	0	470	2823.43
DC06-C080-C120	8X12	1	0	470	4659.33

### DC 90° Ell

#### CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-G020	1/2X2	1	23	470	103.91
DC06-C007-G030	3/4X3	1	4	470	263.80
DC06-C010-G030	1X3	1	5	470	274.00
DC06-C015-G040	1-1/2X4	1	8	470	478.13

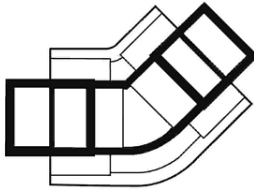


**Double Containment  
90° Ells**

**DC 90° Ell**  
**CPVC Sch 80 x PVC Sch 40 Clear**  
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C020-G040	<b>2X4</b>	1	8	470	503.37
DC06-C030-G060	<b>3X6</b>	1	5	470	932.34
DC06-C040-G080	<b>4X8</b>	1	2	470	1589.40

## Double Containment 45° Ells



DC 45° Ells are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration. Carrier fittings are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC 45° Ell PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-A005-A020	1/2X2	1	25	470	33.74
DC17-A007-A030	3/4X3	1	5	470	47.66
DC17-A010-A030	1X3	1	5	470	48.81
DC17-A015-A040	1-1/2X4	1	5	470	64.86
DC17-A020-A040	2X4	1	4	470	79.95
DC17-A030-A060	3X6	2	0	470	149.41
DC17-A040-A080	4X8	1	3	470	277.68
DC17-A060-A100	6X10	1	0	470	661.43
DC17-A080-A120	8X12	1	0	470	1088.19

### DC 45° Ell

#### PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-A005-G020	1/2X2	1	25	470	105.68
DC17-A007-G030	3/4X3	1	8	470	305.62
DC17-A010-G030	1X3	1	5	470	306.70
DC17-A015-G040	1-1/2X4	1	5	470	540.56
DC17-A020-G040	2X4	1	4	470	543.33
DC17-A030-G060	3X6	1	2	470	962.88
DC17-A040-G080	4X8	1	3	470	1161.14

### DC 45° Ell PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B005-A020	1/2X2	1	25	470	48.56
DC17-B007-A030	3/4X3	1	8	470	69.40
DC17-B010-A030	1X3	1	10	470	74.34
DC17-B015-A040	1-1/2X4	1	5	470	105.07
DC17-B020-A040	2X4	1	5	470	125.60
DC17-B030-A060	3X6	1	7	470	263.32
DC17-B040-A080	4X8	1	2	470	445.07
DC17-B060-A100	6X10	1	0	470	886.13
DC17-B080-A120	8X12	1	0	470	1373.15

### DC 45° Ell

#### PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B005-G020	1/2X2	1	10	470	113.22
DC17-B007-G030	3/4X3	1	8	470	327.37
DC17-B010-G030	1X3	1	5	470	333.66
DC17-B015-G040	1-1/2X4	1	5	470	570.12
DC17-B020-G040	2X4	1	5	470	588.98
DC17-B030-G060	3X6	1	4	470	1076.69
DC17-B040-G080	4X8	1	3	470	1779.39

### DC 45° Ell PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B005-B020	1/2X2	1	10	470	71.40
DC17-B007-B030	3/4X3	1	8	470	119.64
DC17-B010-B030	1X3	1	5	470	129.60
DC17-B015-B040	1-1/2X4	1	5	470	195.67

### DC 45° Ell PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B020-B040	2X4	1	5	470	203.49
DC17-B030-B060	3X6	1	2	470	339.37
DC17-B040-B080	4X8	1	2	470	592.70
DC17-B060-B100	6X10	1	0	470	1454.03
DC17-B080-B120	8X12	1	0	470	2010.27

### DC 45° Ell CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-A020	1/2X2	1	25	470	51.07
DC17-C007-A030	3/4X3	1	8	470	72.05
DC17-C010-A030	1X3	1	10	470	83.95
DC17-C015-A040	1-1/2X4	1	5	470	134.24
DC17-C020-A040	2X4	1	5	470	157.56
DC17-C030-A060	3X6	1	5	470	258.05
DC17-C040-A080	4X8	1	3	470	515.04
DC17-C060-A100	6X10	1	0	470	1298.68
DC17-C080-A120	8X12	1	0	470	2603.09

### DC 45° Ell CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-B020	1/2X2	1	25	470	73.23
DC17-C007-B030	3/4X3	1	5	470	122.28
DC17-C010-B030	1X3	1	5	470	133.80
DC17-C015-B040	1-1/2X4	1	4	470	152.55
DC17-C020-B040	2X4	1	5	470	176.05
DC17-C030-B060	3X6	1	5	470	363.20
DC17-C040-B080	4X8	1	2	470	662.21
DC17-C060-B100	6X10	1	0	470	1864.06
DC17-C080-B120	8X12	1	0	470	3240.20

### DC 45° Ell

#### CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-C020	1/2X2	1	10	470	83.28
DC17-C007-C030	3/4X3	1	8	470	150.48
DC17-C010-C030	1X3	1	10	470	162.37
DC17-C015-C040	1-1/2X4	1	5	470	234.64
DC17-C020-C040	2X4	1	5	470	258.14
DC17-C030-C060	3X6	1	2	470	586.34
DC17-C040-C080	4X8	1	2	470	1172.52
DC17-C060-C100	6X10	1	0	470	3551.69
DC17-C080-C120	8X12	1	0	470	4879.68

### DC 45° Ell

#### CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-G020	1/2X2	1	10	470	114.94
DC17-C007-G030	3/4X3	1	8	470	330.01
DC17-C010-G030	1X3	1	10	470	341.90
DC17-C015-G040	1-1/2X4	1	5	470	610.23

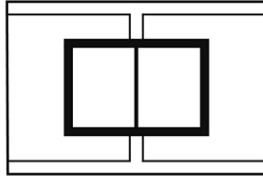


**Double Containment  
45° Ells**

**DC 45° Ell**  
**CPVC Sch 80 x PVC Sch 40 Clear**  
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C020-G040	<b>2X4</b>	1	5	470	621.14
DC17-C030-G060	<b>3X6</b>	1	5	470	1156.78
DC17-C040-G080	<b>4X8</b>	1	3	470	1957.24

## Double Containment Couplings



DC Couplings are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration (no extenders required on Couplings). See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC Coupling PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-A005-A020	1/2X2	1	25	470	2.60
DC29-A007-A030	3/4X3	1	10	470	8.13
DC29-A010-A030	1X3	1	10	470	8.55
DC29-A015-A040	1-1/2X4	1	6	470	12.37
DC29-A020-A040	2X4	1	10	470	13.13
DC29-A030-A060	3X6	1	4	470	42.15
DC29-A040-A080	4X8	1	6	470	75.52
DC29-A060-A100	6X10	1	2	470	222.83
DC29-A080-A120	8X12	1	0	470	439.65

### DC Coupling PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-A005-G020	1/2X2	1	10	470	35.56
DC29-A007-G030	3/4X3	1	10	470	121.05
DC29-A010-G030	1X3	1	10	470	121.40
DC29-A015-G040	1-1/2X4	1	6	470	175.39
DC29-A020-G040	2X4	1	8	470	176.14
DC29-A030-G060	3X6	1	4	470	333.82
DC29-A040-G080	4X8	1	6	470	574.60

### DC Coupling PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B005-A020	1/2X2	1	25	470	7.87
DC29-B007-A030	3/4X3	1	10	470	15.35
DC29-B010-A030	1X3	1	5	470	15.47
DC29-B015-A040	1-1/2X4	1	6	470	23.91
DC29-B020-A040	2X4	1	5	470	24.87
DC29-B030-A060	3X6	1	4	470	73.99
DC29-B040-A080	4X8	1	6	470	113.94
DC29-B060-A100	6X10	1	2	470	294.44
DC29-B080-A120	8X12	1	4	470	519.54

### DC Coupling PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B005-G020	1/2X2	1	10	470	40.74
DC29-B007-G030	3/4X3	1	10	470	128.19
DC29-B010-G030	1X3	1	10	470	128.38
DC29-B015-G040	1-1/2X4	1	6	470	181.90
DC29-B020-G040	2X4	1	8	470	187.89
DC29-B030-G060	3X6	1	4	470	327.10
DC29-B040-G080	4X8	1	4	470	606.20

### DC Coupling PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B005-B020	1/2X2	1	10	470	19.59
DC29-B007-B030	3/4X3	1	5	470	47.11
DC29-B010-B030	1X3	1	5	470	47.31

### DC Coupling PVC Sch 80 x PVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B015-B040	1-1/2X4	1	5	470	62.33
DC29-B020-B040	2X4	1	8	470	63.28
DC29-B030-B060	3X6	1	8	470	145.59
DC29-B040-B080	4X8	1	4	470	193.83
DC29-B060-B100	6X10	1	2	470	602.11
DC29-B080-B120	8X12	1	0	470	716.16

### DC Coupling CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-A020	1/2X2	1	25	470	8.26
DC29-C007-A030	3/4X3	1	10	470	16.05
DC29-C010-A030	1X3	1	10	470	18.99
DC29-C015-A040	1-1/2X4	1	6	470	32.45
DC29-C020-A040	2X4	1	6	470	35.95
DC29-C030-A060	3X6	1	4	470	95.04
DC29-C040-A080	4X8	1	6	470	143.83
DC29-C060-A100	6X10	1	2	470	374.85
DC29-C080-A120	8X12	1	4	470	879.40

### DC Coupling CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-B020	1/2X2	1	10	470	19.49
DC29-C007-B030	3/4X3	1	5	470	47.88
DC29-C010-B030	1X3	1	5	470	50.83
DC29-C015-B040	1-1/2X4	1	6	470	70.87
DC29-C020-B040	2X4	1	4	470	72.18
DC29-C030-B060	3X6	1	4	470	166.60
DC29-C040-B080	4X8	1	4	470	204.57
DC29-C060-B100	6X10	1	2	470	607.04
DC29-C080-B120	8X12	1	0	470	1075.90

### DC Coupling CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-C020	1/2X2	1	10	470	31.05
DC29-C007-C030	3/4X3	1	5	470	68.94
DC29-C010-C030	1X3	1	10	470	71.85
DC29-C015-C040	1-1/2X4	1	5	470	100.77
DC29-C020-C040	2X4	1	8	470	104.24
DC29-C030-C060	3X6	1	4	470	247.06
DC29-C040-C080	4X8	1	4	470	583.61
DC29-C060-C100	6X10	1	2	470	821.00
DC29-C080-C120	8X12	1	0	470	1245.63

### DC Coupling CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-G020	1/2X2	1	10	470	41.12
DC29-C007-G030	3/4X3	1	10	470	128.97



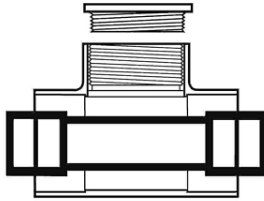
## Double Containment Couplings

**DC Coupling**  
**CPVC Sch 80 x PVC Sch 40 Clear**  
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C010-G030	<b>1X3</b>	1	10	470	131.91
DC29-C015-G040	<b>1-1/2X4</b>	1	6	470	195.49
DC29-C020-G040	<b>2X4</b>	1	6	470	198.96
DC29-C030-G060	<b>3X6</b>	1	10	470	373.62
DC29-C040-G080	<b>4X8</b>	1	6	470	642.90



## Double Containment Access Tees



DC Access Tees are made from standard Spears® pressure fittings in designated material and Schedule selected. Included is an internal Carrier pipe section equipped with couplings and an external Containment Tee fitting equipped with a threaded Plug on the branch for access. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC Access Tee PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-A005-A020	1/2X2	1	10	470	40.29
DCAT-A007-A030	3/4X3	1	5	470	67.10
DCAT-A010-A030	1X3	1	5	470	67.93
DCAT-A015-A040	1-1/2X4	1	3	470	95.52
DCAT-A020-A040	2X4	1	5	470	124.60
DCAT-A030-A060	3X6	1	4	470	343.34
DCAT-A040-A080	4X8	1	0	470	715.76
DCAT-A060-A100	6X10	1	0	470	1629.16
DCAT-A080-A120	8X12	1	0	470	2300.51

### DC Access Tee PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-A005-G020	1/2X2	1	10	470	204.04
DCAT-A007-G030	3/4X3	1	10	470	541.91
DCAT-A010-G030	1X3	1	10	470	542.76
DCAT-A015-G040	1-1/2X4	1	6	470	892.14
DCAT-A020-G040	2X4	1	6	470	903.72
DCAT-A030-G060	3X6	1	4	470	1227.33
DCAT-A040-G080	4X8	1	0	470	2253.14

### DC Access Tee PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B005-A020	1/2X2	1	10	470	50.85
DCAT-B007-A030	3/4X3	1	10	470	81.38
DCAT-B010-A030	1X3	1	6	470	81.79
DCAT-B015-A040	1-1/2X4	1	6	470	118.63
DCAT-B020-A040	2X4	1	6	470	130.61
DCAT-B030-A060	3X6	1	4	470	407.02
DCAT-B040-A080	4X8	1	2	470	792.56
DCAT-B060-A100	6X10	1	0	470	1784.87
DCAT-B080-A120	8X12	1	0	470	2546.32

### DC Access Tee PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B005-G020	1/2X2	1	10	470	246.37
DCAT-B007-G030	3/4X3	1	10	470	556.21
DCAT-B010-G030	1X3	1	10	470	556.49
DCAT-B015-G040	1-1/2X4	1	3	470	913.99
DCAT-B020-G040	2X4	1	6	470	917.16
DCAT-B030-G060	3X6	1	4	470	1291.00
DCAT-B040-G080	4X8	1	2	470	2329.94

### DC Access Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B005-B020	1/2X2	1	5	470	84.43
DCAT-B007-B030	3/4X3	1	5	470	154.00
DCAT-B010-B030	1X3	1	5	470	154.51

### DC Access Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B015-B040	1-1/2X4	1	5	470	264.83
DCAT-B020-B040	2X4	1	5	470	276.80
DCAT-B030-B060	3X6	1	4	470	611.69
DCAT-B040-B080	4X8	1	2	470	1016.10
DCAT-B060-B100	6X10	1	0	470	2752.63
DCAT-B080-B120	8X12	1	0	470	3347.01

### DC Access Tee CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C007-A030	3/4X3	1	5	470	82.93
DCAT-C010-A030	1X3	1	6	470	88.83
DCAT-C015-A040	1-1/2X4	1	6	470	135.70
DCAT-C020-A040	2X4	1	6	470	152.73
DCAT-C030-A060	3X6	1	4	470	436.57
DCAT-C040-A080	4X8	1	2	470	850.86
DCAT-C060-A100	6X10	1	0	470	1945.76
DCAT-C080-A120	8X12	1	0	470	2544.56

### DC Access Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C005-B020	1/2X2	1	10	470	85.18
DCAT-C007-B030	3/4X3	1	5	470	155.52
DCAT-C010-B030	1X3	1	5	470	161.43
DCAT-C015-B040	1-1/2X4	1	5	470	223.96
DCAT-C020-B040	2X4	1	5	470	298.93
DCAT-C030-B060	3X6	1	4	470	676.45
DCAT-C040-B080	4X8	1	2	470	1264.02
DCAT-C060-B100	6X10	1	0	470	2706.84
DCAT-C080-B120	8X12	1	0	470	4234.17

### DC Access Tee CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C005-C020	1/2X2	1	10	470	142.41
DCAT-C007-C030	3/4X3	1	5	470	470.88
DCAT-C010-C030	1X3	1	6	470	475.40
DCAT-C015-C040	1-1/2X4	1	5	470	672.22
DCAT-C020-C040	2X4	1	5	470	679.19
DCAT-C030-C060	3X6	1	4	470	1453.65
DCAT-C040-C080	4X8	1	2	470	3691.84
DCAT-C060-C100	6X10	1	0	470	3948.15
DCAT-C080-C120	8X12	1	0	470	6016.45

### DC Access Tee CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C005-G020	1/2X2	1	10	470	264.97
DCAT-C007-G030	3/4X3	1	5	470	557.74
DCAT-C010-G030	1X3	1	5	470	563.65

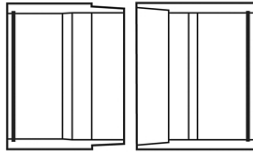


**Double Containment  
Access Tees**

**DC Access Tee**  
**CPVC Sch 80 x PVC Sch 40 Clear**  
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C015-G040	<b>1-1/2X4</b>	1	3	470	932.32
DCAT-C020-G040	<b>2X4</b>	1	6	470	939.30
DCAT-C030-G060	<b>3X6</b>	1	4	470	1343.19
DCAT-C040-G080	<b>4X8</b>	1	2	470	2399.68

## Double Containment Closure Fittings



DC Closure Fittings are special split couplings for joining meeting runs of Containment piping, such as before the final Termination Fitting. Closure Fittings consist of a male component and a female component. An internal O-ring on each component serves as a "cement-wiper" during installation to assure a proper joint. A "One-step" type cement should be used to facilitate rapid assembly. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC Closure Fitting PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-A030	3	1	10	470	446.35
DCCF-A040	4	1	5	470	457.32
DCCF-A060	6	1	2	470	475.93
DCCF-A080	8	1	0	470	656.51
DCCF-A100	10	1	2	470	724.21
DCCF-A120	12	1	2	470	1144.00

### DC Closure Fitting PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-B020	2	1	10	470	445.95
DCCF-B030	3	1	10	470	453.60
DCCF-B040	4	1	5	470	467.38
DCCF-B060	6	1	2	470	495.04
DCCF-B080	8	1	3	470	656.31
DCCF-B100	10	1	2	470	870.98
DCCF-B120	12	1	0	470	1396.21

### DC Closure Fitting CPVC Sch 80

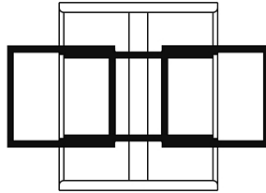
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-C020	2	1	10	470	452.73
DCCF-C030	3	1	10	470	471.61
DCCF-C040	4	1	5	470	492.22
DCCF-C060	6	1	2	470	599.97
DCCF-C080	8	1	3	470	807.11
DCCF-C100	10	1	2	470	1502.53
DCCF-C120	12	1	0	470	2383.88

### DC Closure Fitting PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-G030	3	1	10	470	498.06
DCCF-G040	4	1	5	470	517.45
DCCF-G060	6	1	2	470	613.76
DCCF-G080	8	1	6	470	912.03



## Double Containment Isolation Couplers



DC Isolation Couplers are used to isolate a containment section for improved location identification if a leak is detected. When cemented into place, a suitable seal is formed for isolation of the containment sections. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC Isolation Coupler PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-A005-A020	1/2X2	1	5	470	32.93
DCDB-A007-A030	3/4X3	1	5	470	52.44
DCDB-A010-A030	1X3	1	5	470	52.71
DCDB-A015-A040	1-1/2X4	1	6	470	58.13
DCDB-A020-A040	2X4	1	4	470	62.14
DCDB-A030-A060	3X6	1	4	470	99.64
DCDB-A040-A080	4X8	1	4	470	143.36
DCDB-A060-A100	6X10	1	10	470	191.41
DCDB-A080-A120	8X12	1	0	470	323.76

### DC Isolation Coupler PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-A005-G020	1/2X2	1	5	470	76.06
DCDB-A007-G030	3/4X3	1	5	470	94.01
DCDB-A010-G030	1X3	1	5	470	196.78
DCDB-A015-G040	1-1/2X4	1	4	470	226.60
DCDB-A020-G040	2X4	1	4	470	234.50
DCDB-A030-G060	3X6	1	4	470	256.53
DCDB-A040-G080	4X8	1	4	470	323.55

### DC Isolation Coupler PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B005-A020	1/2X2	1	5	470	47.53
DCDB-B007-A030	3/4X3	1	5	470	56.91
DCDB-B010-A030	1X3	1	4	470	62.78
DCDB-B015-A040	1-1/2X4	1	4	470	67.13
DCDB-B020-A040	2X4	1	4	470	72.55
DCDB-B030-A060	3X6	1	5	470	104.07
DCDB-B040-A080	4X8	1	4	470	155.81
DCDB-B060-A100	6X10	1	0	470	203.61
DCDB-B080-A120	8X12	1	0	470	350.23

### DC Isolation Coupler PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B005-G020	1/2X2	1	5	470	100.30
DCDB-B010-G030	1X3	1	5	470	201.37
DCDB-B015-G040	1-1/2X4	1	4	470	260.50
DCDB-B020-G040	2X4	1	4	470	285.15
DCDB-B030-G060	3X6	1	5	470	316.64
DCDB-B040-G080	4X8	1	4	470	373.82

### DC Isolation Coupler PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B005-B020	1/2X2	1	5	470	121.57
DCDB-B007-B030	3/4X3	1	5	470	149.12
DCDB-B010-B030	1X3	1	5	470	178.89
DCDB-B015-B040	1-1/2X4	1	4	470	188.72

### DC Isolation Coupler PVC Sch 80 x PVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B020-B040	2X4	1	4	470	199.18
DCDB-B030-B060	3X6	1	4	470	215.18
DCDB-B040-B080	4X8	1	4	470	232.99
DCDB-B060-B100	6X10	1	0	470	238.67
DCDB-B080-B120	8X12	1	0	470	392.49

### DC Isolation Coupler CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-A020	1/2X2	1	5	470	48.81
DCDB-C007-A030	3/4X3	1	5	470	65.46
DCDB-C010-A030	1X3	1	5	470	66.19
DCDB-C015-A040	1-1/2X4	1	4	470	77.68
DCDB-C020-A040	2X4	1	4	470	108.65
DCDB-C030-A060	3X6	1	5	470	175.95
DCDB-C040-A080	4X8	1	4	470	296.51
DCDB-C060-A100	6X10	1	0	470	456.36
DCDB-C080-A120	8X12	1	0	470	502.71

### DC Isolation Coupler CPVC Sch 80 x Sch 80 Gray

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-B020	1/2X2	1	5	470	49.22
DCDB-C007-B030	3/4X3	1	5	470	57.93
DCDB-C010-B030	1X3	1	5	470	58.67
DCDB-C015-B040	1-1/2X4	1	4	470	82.57
DCDB-C020-B040	2X4	1	4	470	113.52
DCDB-C030-B060	3X6	1	5	470	185.46
DCDB-C040-B080	4X8	1	4	470	313.31
DCDB-C060-B100	6X10	1	0	470	491.45
DCDB-C080-B120	8X12	1	0	470	527.86

### DC Isolation Coupler CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-C020	1/2X2	1	4	470	100.04
DCDB-C007-C030	3/4X3	1	5	470	110.61
DCDB-C010-C030	1X3	1	5	470	232.54
DCDB-C015-C040	1-1/2X4	1	4	470	252.55
DCDB-C020-C040	2X4	1	4	470	282.76
DCDB-C030-C060	3X6	1	4	470	366.68
DCDB-C040-C080	4X8	1	4	470	373.97
DCDB-C060-C100	6X10	1	0	470	625.17
DCDB-C080-C120	8X12	1	0	470	972.03

### DC Isolation Coupler CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-G020	1/2X2	1	5	470	105.83
DCDB-C007-G030	3/4X3	1	5	470	116.47
DCDB-C010-G030	1X3	1	5	470	241.97

**Double Containment  
Isolation Couplers**



**DC Isolation Coupler**

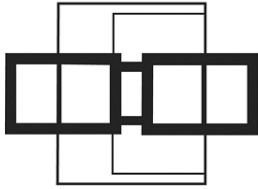
**CPVC Sch 80 x PVC Sch 40 Clear**

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C015-G040	<b>1-1/2X4</b>	1	4	470	330.91
DCDB-C020-G040	<b>2X4</b>	1	4	470	361.85
DCDB-C030-G060	<b>3X6</b>	1	5	470	384.54



## Double Containment Termination Fittings



DC Termination Fittings are a special configuration for starting or stopping the containment portion of a system. Termination Fittings consist of a reducer coupling to accept the Containment pipe that is pre-fabricated to an internal extender coupling for connection to existing Carrier system. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### DC Termination Fitting PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-A005-A020	1/2X2	8	0	470	109.07
DCTM-A007-A030	3/4X3	1	7	470	114.76
DCTM-A010-A030	1X3	9	0	470	120.19
DCTM-A015-A040	1-1/2X4	4	0	470	129.74
DCTM-A020-A040	2X4	4	0	470	136.21
DCTM-A030-A060	3X6	1	2	470	185.83
DCTM-A040-A080	4X8	1	3	470	242.39
DCTM-A060-A100	6X10	1	2	470	458.93
DCTM-A080-A120	8X12	1	2	470	742.37

### DC Termination Fitting PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-A005-G020	1/2X2	8	0	470	141.95
DCTM-A007-G030	3/4X3	1	7	470	232.28
DCTM-A010-G030	1X3	1	9	470	233.12
DCTM-A015-G040	1-1/2X4	1	4	470	292.77
DCTM-A020-G040	2X4	1	4	470	299.33
DCTM-A030-G060	3X6	1	2	470	464.41
DCTM-A040-G080	4X8	1	3	470	741.47

### DC Termination Fitting PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B005-A020	1/2X2	8	0	470	119.64
DCTM-B007-A030	3/4X3	9	0	470	133.65
DCTM-B010-A030	1X3	8	0	470	134.04
DCTM-B015-A040	1-1/2X4	4	0	470	152.86
DCTM-B020-A040	2X4	5	0	470	159.80
DCTM-B030-A060	3X6	1	4	470	249.51
DCTM-B040-A080	4X8	1	3	470	319.19
DCTM-B060-A100	6X10	1	0	470	607.72
DCTM-B080-A120	8X12	1	3	470	902.17

### DC Termination Fitting PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B005-G020	1/2X2	9	0	470	156.86
DCTM-B007-G030	3/4X3	10	0	470	250.16
DCTM-B010-G030	1X3	1	8	470	250.56
DCTM-B015-G040	1-1/2X4	1	4	470	319.11
DCTM-B020-G040	2X4	5	0	470	325.53
DCTM-B030-G060	3X6	1	2	470	533.32
DCTM-B040-G080	4X8	1	3	470	936.21

### DC Termination Fitting PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B005-B020	1/2X2	10	0	470	135.73
DCTM-B007-B030	3/4X3	8	0	470	169.09
DCTM-B010-B030	1X3	8	0	470	169.49

### DC Termination Fitting PVC Sch 80 x PVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B015-B040	1-1/2X4	4	0	470	193.98
DCTM-B020-B040	2X4	4	0	470	200.91
DCTM-B030-B060	3X6	1	2	470	326.35
DCTM-B040-B080	4X8	1	2	470	406.02
DCTM-B060-B100	6X10	1	2	470	927.82
DCTM-B080-B120	8X12	1	3	470	1118.46

### DC Termination Fitting CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-A020	1/2X2	1	8	470	120.39
DCTM-C007-A030	3/4X3	1	8	470	135.17
DCTM-C010-A030	1X3	8	0	470	141.10
DCTM-C015-A040	1-1/2X4	4	0	470	169.94
DCTM-C020-A040	2X4	3	0	470	181.94
DCTM-C030-A060	3X6	1	2	470	291.64
DCTM-C040-A080	4X8	1	3	470	379.01
DCTM-C060-A100	6X10	1	2	470	767.69
DCTM-C080-A120	8X12	1	3	470	1621.87

### DC Termination Fitting CPVC Sch 80 x Sch 80 Gray

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-B020	1/2X2	8	0	470	136.49
DCTM-C007-B030	3/4X3	8	0	470	170.62
DCTM-C010-B030	1X3	8	0	470	176.53
DCTM-C015-B040	1-1/2X4	1	4	470	211.03
DCTM-C020-B040	2X4	1	4	470	223.05
DCTM-C030-B060	3X6	1	2	470	368.39
DCTM-C040-B080	4X8	1	3	470	465.82
DCTM-C060-B100	6X10	1	2	470	1088.78
DCTM-C080-B120	8X12	1	3	470	1838.01

### DC Termination Fitting CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-G020	1/2X2	1	8	470	162.89
DCTM-C007-G030	3/4X3	10	0	470	268.98
DCTM-C010-G030	1X3	1	9	470	279.41
DCTM-C015-G040	1-1/2X4	10	0	470	366.64
DCTM-C020-G040	2X4	3	0	470	378.66
DCTM-C030-G060	3X6	1	15	470	640.86
DCTM-C040-G080	4X8	1	3	470	970.33

### DC Termination Fitting CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-C020	1/2X2	9	0	470	204.47
DCTM-C007-C030	3/4X3	8	0	470	208.94
DCTM-C010-C030	1X3	4	0	470	214.85
DCTM-C015-C040	1-1/2X4	4	0	470	271.95



**Double Containment  
Termination Fittings**



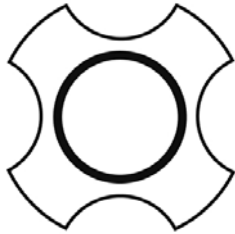
**DC Termination Fitting  
CPVC Sch 80 x CPVC Sch 80**

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C020-C040	<b>2X4</b>	4	0	470	283.94
DCTM-C030-C060	<b>3X6</b>	1	3	470	514.31
DCTM-C040-C080	<b>4X8</b>	1	2	470	919.43
DCTM-C060-C100	<b>6X10</b>	1	2	470	1399.35
DCTM-C080-C120	<b>8X12</b>	1	3	470	2249.86



## Double Containment Centralizers



Centralizers are a simple slip-on design that are positioned and held in place by a few wraps of clean-room adhesive on each side. Centralizers hold the Carrier piping centrally located within the Containment piping and are designed with an annular space for routing of leak detection cable, if used. See *Double Containment Design & Installation Guide* for proper installation.

The following Spacing Chart can be used as a guide for determining the quantity of Centralizers needed, based on temperature and Carrier pipe size and schedule selected.

### RECOMMENDED MINIMUM CENTRALIZER SUPPORT SPACING (ft.) \*

Carrier Size (in.)	PVC SCHEDULE 40 CARRIER Temperature °F					PVC SCHEDULE 80 CARRIER Temperature °F					CPVC SCHEDULE 80 CARRIER Temperature °F					
	60°	80°	100°	120°	140°	60°	80°	100°	120°	140°	73°	100°	120°	140°	160°	180°
1/2	4-1/2	4-1/2	4	2-1/2	2-1/2	5	4-1/2	4-1/2	3	2-1/2	5-1/2	5	4-1/2	4-1/2	3	2-1/2
3/4	5	4-1/2	4	2-1/2	2-1/2	5-1/2	5	4-1/2	3	2-1/2	5-1/2	5-1/2	5	4-1/2	3	2-1/2
1	5-1/2	5	4-1/2	3	2-1/2	6	5-1/2	5	3-1/2	3	6	6	5-1/2	5	3-1/2	2
1-1/2	6	5-1/2	5	3-1/2	3	6-1/2	6	5-1/2	3-1/2	3-1/2	7	6-1/2	6	5-1/2	3-1/2	3-1/2
2	6	5-1/2	5	3-1/2	3	7	6-1/2	6	4	3-1/2	7	7	6-1/2	6	4	3-1/2
3	7	7	6	4	3-1/2	8	7-1/2	7	4-1/2	4	8	8	7-1/2	7	4-1/2	4
4	7-1/2	7	6-1/2	4-1/2	4	9	8-1/2	7-1/2	5	4-1/2	9	8-1/2	8	7-1/2	5	4-1/2
6	8-1/2	8	7-1/2	5	4-1/2	10	9-1/2	9	6	5	10	9-1/2	9	8	5-1/2	5
8	9	8-1/2	8	5	4-1/2	11	10-1/2	9-1/2	6-1/2	5-1/2	11	10-1/2	10	9	6	5-1/2
10	10	9	8-1/2	5-1/2	5	12	11	10	7	6	11-1/2	11	10-1/2	9-1/2	6-1/2	6
12	11-1/2	10-1/2	9-1/2	6-1/2	5-1/2	13	12	10-1/2	7-1/2	6-1/2	12-1/2	12	11-1/2	10-1/2	7-1/2	6-1/2

**Note:** Specified minimum spacing can also be used for system support according to the secondary Containment pipe size and schedule used. Where practical, system support should correspond to internal carrier support (centralizers) to minimize concentrated point loads.

\* **Note:** Data furnished is based on raw material manufacturer's information. This information can be considered a reliable recommendation, but not a guarantee. Actual service conditions and system parameters should be evaluated by qualified personnel.

#### DC Centralizer IPS O.D. x Sch 40 White I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Carrier x Containment</b>					
DCCT-H005-A020	<b>1/2X2</b>	55	330	470	12.57
DCCT-H007-A030	<b>3/4X3</b>	55	220	470	13.99
DCCT-H010-A030	<b>1X3</b>	55	220	470	13.99
DCCT-H015-A040	<b>1-1/2X4</b>	55	0	470	18.15
DCCT-H020-A040	<b>2X4</b>	55	0	470	18.15
DCCT-H030-A060	<b>3X6</b>	55	0	470	23.19
DCCT-H040-A080	<b>4X8</b>	55	0	470	28.65
DCCT-H060-A100	<b>6X10</b>	25	0	470	37.17
DCCT-H080-A120	<b>8X12</b>	25	0	470	46.67

#### DC Centralizer IPS O.D. x Sch 80 CPVC I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Carrier x Containment</b>					
DCCT-H005-C020	<b>1/2X2</b>	55	330	470	12.57
DCCT-H007-C030	<b>3/4X3</b>	55	220	470	13.99
DCCT-H010-C030	<b>1X3</b>	55	220	470	13.99
DCCT-H015-C040	<b>1-1/2X4</b>	55	0	470	18.15
DCCT-H020-C040	<b>2X4</b>	55	0	470	18.15
DCCT-H030-C060	<b>3X6</b>	55	0	470	23.19
DCCT-H040-C080	<b>4X8</b>	55	0	470	28.65
DCCT-H060-C100	<b>6X10</b>	1	24	470	37.17
DCCT-H080-C120	<b>8X12</b>	20	0	470	46.67

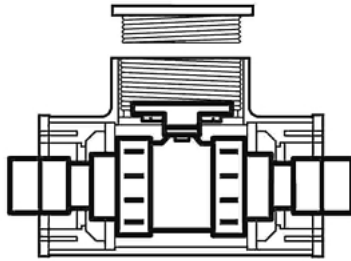
#### DC Centralizer IPS O.D. x Sch 40 Clear I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Carrier x Containment</b>					
DCCT-H005-G020	<b>1/2X2</b>	55	330	470	12.57
DCCT-H007-G020	<b>3/4X2</b>	55	330	470	12.57
DCCT-H010-G030	<b>1X3</b>	55	220	470	13.99
DCCT-H015-G040	<b>1-1/2X4</b>	55	220	470	18.15
DCCT-H020-G040	<b>2X4</b>	55	0	470	18.15
DCCT-H030-G060	<b>3X6</b>	55	0	470	23.19
DCCT-H040-G080	<b>4X8</b>	55	0	470	28.65

#### DC Centralizer IPS O.D. x Sch 80 PVC I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Carrier x Containment</b>					
DCCT-H005-B020	<b>1/2X2</b>	55	330	470	12.57
DCCT-H007-B020	<b>3/4X2</b>	55	330	470	12.57
DCCT-H010-B030	<b>1X3</b>	55	220	470	13.99
DCCT-H015-B040	<b>1-1/2X4</b>	55	0	470	18.15
DCCT-H020-B040	<b>2X4</b>	55	0	470	18.15
DCCT-H030-B060	<b>3X6</b>	55	0	470	23.19
DCCT-H040-B080	<b>4X8</b>	55	0	470	28.65
DCCT-H060-B100	<b>6X10</b>	24	0	470	37.17
DCCT-H080-B120	<b>8X12</b>	20	0	470	46.67

## Double Containment Ball Valve Box With Valve



DC Ball Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Ball Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union 2000 Industrial Ball Valve with Lockout Handle and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

True Union 2000 Industrial Ball Valve Specifications, Sizes 1/2" - 2":

Material: PVC/CPVC  
 Seats: PTFE  
 Seals: EPDM/Viton®  
 PR, Water: 235 psi @ 73°F (23°C), 1/2" - 2"

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
 All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Additional Sizes, Optional External Stem & Handle Extensions, Custom Elastomer Seals, or Seat & Seal Repair Kits

While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 40 x PVC Sch 40

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-A005-A020 280.17	VBA30-A005-A020 285.10	1	0	470
3/4X3	VBA20-A007-A030 291.81	VBA30-A007-A030 297.67	1	5	470
1X3	VBA20-A010-A030 300.10	VBA30-A010-A030 307.13	1	0	470
1-1/2X4	VBA20-A015-A040 515.02	VBA30-A015-A040 526.36	1	0	470
2X4	VBA20-A020-A040 585.61	VBA30-A020-A040 547.22	1	0	470

### Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-A005-G020 1242.77	VBA30-A005-G020 1247.70	1	0	470
3/4X3	VBA20-A007-G030 1251.12	VBA30-A007-G030 1256.98	1	0	470
1X3	VBA20-A010-G030 1261.31	VBA30-A010-G030 1269.33	1	0	470
1-1/2X4	VBA20-A015-G040 2268.18	VBA30-A015-G040 2279.51	1	0	470
2X4	VBA20-A020-G040 2302.06	VBA30-A020-G040 2316.44	1	0	470

### Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 40

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-B005-A020 294.02	VBA30-B005-A020 298.96	1	5	470
3/4X3	VBA20-B007-A030 306.10	VBA30-B007-A030 311.95	1	0	470

### Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 40 (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1X3	VBA20-B010-A030 316.41	VBA30-B010-A030 595.25	1	0	470
1-1/2X4	VBA20-B015-A040 546.81	VBA30-B015-A040 558.15	1	0	470
2X4	VBA20-B020-A040 601.50	VBA30-B020-A040 615.29	1	0	470

### Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-B005-G020 1252.68	VBA30-B005-G020 1257.61	1	0	470
3/4X3	VBA20-B007-G030 1265.48	VBA30-B007-G030 1271.34	1	0	470
1X3	VBA20-B010-G030 1275.73	VBA30-B010-G030 1283.01	1	0	470
1-1/2X4	VBA20-B015-G040 2296.95	VBA30-B015-G040 2308.29	1	0	470
2X4	VBA20-B020-G040 2331.80	VBA30-B020-G040 2345.59	1	0	470

### Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 80

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-B005-B020 419.35	VBA30-B005-B020 592.76	1	0	470
3/4X3	VBA20-B007-B030 600.65	VBA30-B007-B030 606.51	1	0	470
1X3	VBA20-B010-B030 610.21	VBA30-B010-B030 616.91	1	0	470
1-1/2X4	VBA20-B015-B040 791.62	VBA30-B015-B040 803.07	1	0	470



**Double Containment  
Ball Valve Box With Valve**

**Valve Box, with PVC True Union 2000 Industrial Ball Valve**

**PVC Sch 80 x PVC Sch 80 (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2X4	VBA20-B020-B040 929.63	VBA30-B020-B040 943.51	1	0	470

**Valve Box, with CPVC True Union 2000 Industrial Ball Valve**

**CPVC Sch 80 x PVC Sch 40**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-A020 316.55	VBA30-C005-A020 323.00	1	0	470
3/4X3	VBA20-C007-A030 328.66	VBA30-C007-A030 336.81	1	0	470
1X3	VBA20-C010-A030 348.53	VBA30-C010-A030 358.18	1	0	470
1-1/2X4	VBA20-C015-A040 617.20	VBA30-C015-A040 649.64	1	0	470
2X4	VBA20-C020-A040 663.34	VBA30-C020-A040 1021.51	1	0	470

**Valve Box, with CPVC True Union 2000 Industrial Ball Valve**

**CPVC Sch 80 x PVC Sch 80**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-B020 603.41	VBA30-C005-B020 609.86	1	0	470
3/4X3	VBA20-C007-B030 623.26	VBA30-C007-B030 631.40	1	5	470
1X3	VBA20-C010-B030 643.07	VBA30-C010-B030 652.73	1	4	470
1-1/2X4	VBA20-C015-B040 959.21	VBA30-C015-B040 976.56	1	3	470
2X4	VBA20-C020-B040 1015.54	VBA30-C020-B040 1044.73	1	5	470

**Valve Box, with CPVC True Union 2000 Industrial Ball Valve**

**CPVC Sch 80 x CPVC Sch 80**

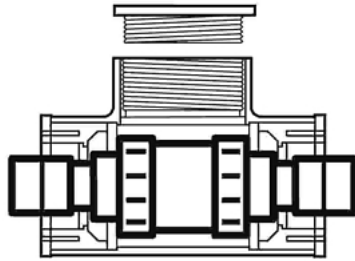
Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-C020 911.17	VBA30-C005-C020 917.61	1	0	470
3/4X3	VBA20-C007-C030 934.11	VBA30-C007-C030 942.26	1	3	470
1X3	VBA20-C010-C030 973.60	VBA30-C010-C030 1747.81	1	3	470
1-1/2X4	VBA20-C015-C040 1884.41	VBA30-C015-C040 1900.66	1	3	470
2X4	VBA20-C020-C040 1940.37	VBA30-C020-C040 1969.56	1	5	470

**Valve Box, with CPVC True Union 2000 Industrial Ball Valve**

**CPVC Sch 80 x PVC Sch 40 Clear**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-G020 1268.20	VBA30-C005-G020 1274.64	1	4	470
3/4X3	VBA20-C007-G030 1288.04	VBA30-C007-G030 1296.18	1	0	470
1X3	VBA20-C010-G030 1307.85	VBA30-C010-G030 1340.15	1	5	470
1-1/2X4	VBA20-C015-G040 2356.90	VBA30-C015-G040 874.20	1	0	470
2X4	VBA20-C020-G040 2413.11	VBA30-C020-G040 2442.31	1	0	470

## Double Containment Ball Check Valve Box With Valve



DC Ball Check Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Ball Check Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union 2000 Industrial Ball Check Valve and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

True Union 2000 Industrial Ball Check Valve Specifications,  
Sizes 1/2" - 2":

Material: PVC/CPVC  
Seals: EPDM/Viton®  
PR, Water: 235 psi @ 73°F (23°C), 1/2" - 2"

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
All Valves assembled with Silicone-Free,  
Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Additional Sizes, Custom Elastomer Seals, or Seat & Seal Repair Kits

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of flow.

While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 40 x PVC Sch 40

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-A005-A020 284.32	VBC3-A005-A020 290.65	1	4	470
3/4X3	VBC2-A007-A030 294.20	VBC3-A007-A030 301.12	1	4	470
1X3	VBC2-A010-A030 306.27	VBC3-A010-A030 314.37	1	0	470
1-1/2X4	VBC2-A015-A040 539.43	VBC3-A015-A040 552.49	1	3	470
2X4	VBC2-A020-A040 584.35	VBC3-A020-A040 602.46	1	3	470

### Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 40 (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1X3	VBC2-B010-A030 325.16	VBC3-B010-A030 326.93	1	3	470
1-1/2X4	VBC2-B015-A040 562.55	VBC3-B015-A040 575.60	1	3	470
2X4	VBC2-B020-A040 607.72	VBC3-B020-A040 625.83	1	3	470

### Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-A005-G020 1248.90	VBC3-A005-G020 1254.33	1	4	470
3/4X3	VBC2-A007-G030 1258.56	VBC3-A007-G030 1265.48	1	4	470
1X3	VBC2-A010-G030 1270.63	VBC3-A010-G030 1278.76	1	3	470
1-1/2X4	VBC2-A015-G040 2289.19	VBC3-A015-G040 2302.26	1	3	470
2X4	VBC2-A020-G040 2333.99	VBC3-A020-G040 2352.10	1	3	470

### Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-B005-G020 1259.24	VBC3-B005-G020 1265.59	1	4	470
3/4X3	VBC2-B007-G030 1272.85	VBC3-B007-G030 1279.77	1	4	470
1X3	VBC2-B010-G030 1284.50	VBC3-B010-G030 575.60	1	3	470
1-1/2X4	VBC2-B015-G040 2312.31	VBC3-B015-G040 2325.36	1	3	470
2X4	VBC2-B020-G040 2357.40	VBC3-B020-G040 977.91	1	3	470

### Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 40

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-B005-A020 299.90	VBC3-B005-A020 306.24	1	4	470
3/4X3	VBC2-B007-A030 313.51	VBC3-B007-A030 320.43	1	4	470

### Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 80

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-B005-B020 594.47	VBC3-B005-B020 600.13	1	4	470
3/4X3	VBC2-B007-B030 608.07	VBC3-B007-B030 614.99	1	4	470
1X3	VBC2-B010-B030 619.71	VBC3-B010-B030 436.35	1	3	470
1-1/2X4	VBC2-B015-B040 914.56	VBC3-B015-B040 927.62	1	3	470



**Double Containment  
Ball Check Valve Box With Valve**

**Valve Box, with PVC True Union 2000 Industrial Ball  
Check Valve**

**PVC Sch 80 x PVC Sch 80 (continued)**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2X4	VBC2-B020-B040 959.79	VBC3-B020-B040 977.89	1	3	470

**Valve Box, with CPVC True Union 2000 Industrial Ball  
Check Valve**

**CPVC Sch 80 x PVC Sch 40**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-A020 329.46	VBC3-C005-A020 337.81	1	4	470
3/4X3	VBC2-C007-A030 348.62	VBC3-C007-A030 358.44	1	4	470
1X3	VBC2-C010-A030 372.12	VBC3-C010-A030 381.93	1	3	470
1-1/2X4	VBC2-C015-A040 667.19	VBC3-C015-A040 686.91	1	4	470
2X4	VBC2-C020-A040 734.27	VBC3-C020-A040 761.57	1	4	470

**Valve Box, with CPVC True Union 2000 Industrial Ball  
Check Valve**

**CPVC Sch 80 x PVC Sch 80**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-B020 619.01	VBC3-C005-B020 627.35	1	4	470
3/4X3	VBC2-C007-B030 638.17	VBC3-C007-B030 647.99	1	4	470
1X3	VBC2-C010-B030 660.07	VBC3-C010-B030 671.62	1	3	470
1-1/2X4	VBC2-C015-B040 949.48	VBC3-C015-B040 969.19	1	3	470
2X4	VBC2-C020-B040 1021.61	VBC3-C020-B040 1048.91	1	0	470

**Valve Box, with CPVC True Union 2000 Industrial Ball  
Check Valve**

**CPVC Sch 80 x CPVC Sch 80**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-C020 980.18	VBC3-C005-C020 988.53	1	0	470
3/4X3	VBC2-C007-C030 999.47	VBC3-C007-C030 1009.28	1	4	470
1X3	VBC2-C010-C030 1021.23	VBC3-C010-C030 1032.78	1	4	470
1-1/2X4	VBC2-C015-C040 1775.41	VBC3-C015-C040 1795.14	1	3	470
2X4	VBC2-C020-C040 1839.97	VBC3-C020-C040 1867.28	1	3	470

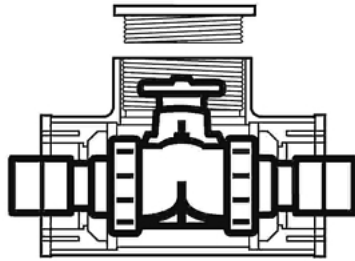
**Valve Box, with CPVC True Union 2000 Industrial Ball  
Check Valve**

**CPVC Sch 80 x PVC Sch 40 Clear**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-G020 1257.77	VBC3-C005-G020 1266.11	1	4	470
3/4X3	VBC2-C007-G030 1303.10	VBC3-C007-G030 1312.91	1	4	470
1X3	VBC2-C010-G030 1324.85	VBC3-C010-G030 1336.39	1	3	470
1-1/2X4	VBC2-C015-G040 2389.95	VBC3-C015-G040 2409.67	1	4	470
2X4	VBC2-C020-G040 2457.02	VBC3-C020-G040 2484.34	1	4	470



## Double Containment Diaphragm Valve Box With Valve



DC Diaphragm Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Diaphragm Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union Diaphragm Valve and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

True Union Diaphragm Valve Specifications, Sizes 1/2" - 2":

Material: PVC/CPVC  
 Seals: EPDM/Viton®  
 PR, Water: 235 psi @ 73°F (23°C), 1/2" - 2"

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply  
 No Lubricants in Media Contact Area

Contact Spears® for Pricing & Availability on Additional Sizes, Elastomer Backed PTFE Diaphragms, or Diaphragm & Seal Repair Kits.

While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

### Valve Box, with PVC True Union Diaphragm Valve PVC Sch 40 x PVC Sch 40

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-A005-A020 361.63	VBD30-A005-A020 375.18	1	0	470
3/4X3	VBD20-A007-A030 378.43	VBD30-A007-A030 393.82	1	0	470
1X3	VBD20-A010-A030 411.46	VBD30-A010-A030 428.33	1	0	470
1-1/2X4	VBD20-A015-A040 701.57	VBD30-A015-A040 743.57	1	0	470
2X4	VBD20-A020-A040 752.28	VBD30-A020-A040 811.13	1	0	470

### Valve Box, with PVC True Union Diaphragm Valve PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-A005-G020 1320.96	VBD30-A005-G020 1334.52	1	0	470
3/4X3	VBD20-A007-G030 1362.91	VBD30-A007-G030 1378.31	1	0	470
1X3	VBD20-A010-G030 1396.09	VBD30-A010-G030 1412.96	1	0	470
1-1/2X4	VBD20-A015-G040 2452.01	VBD30-A015-G040 2494.01	1	0	470
2X4	VBD20-A020-G040 2502.67	VBD30-A020-G040 2561.52	1	0	470

### Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 40

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-B005-A020 372.19	VBD30-B005-A020 385.74	1	0	470
3/4X3	VBD20-B007-A030 392.71	VBD30-B007-A030 408.11	1	0	470
1X3	VBD20-B010-A030 425.31	VBD30-B010-A030 442.18	1	0	470

### Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 40 (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1-1/2X4	VBD20-B015-A040 724.84	VBD30-B015-A040 766.84	1	0	470
2X4	VBD20-B020-A040 775.77	VBD30-B020-A040 834.62	1	0	470

### Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-B005-G020 1358.97	VBD30-B005-G020 1372.52	1	0	470
3/4X3	VBD20-B007-G030 1377.19	VBD30-B007-G030 1392.59	1	0	470
1X3	VBD20-B010-G030 1409.79	VBD30-B010-G030 1426.66	1	0	470
1-1/2X4	VBD20-B015-G040 2475.13	VBD30-B015-G040 2517.13	1	0	470
2X4	VBD20-B020-G040 2526.21	VBD30-B020-G040 2585.06	1	0	470

### Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 80

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-B005-B020 666.73	VBD30-B005-B020 680.30	1	0	470
3/4X3	VBD20-B007-B030 687.21	VBD30-B007-B030 702.61	1	0	470
1X3	VBD20-B010-B030 719.79	VBD30-B010-B030 736.66	1	0	470
1-1/2X4	VBD20-B015-B040 1059.83	VBD30-B015-B040 1101.83	1	0	470
2X4	VBD20-B020-B040 1110.91	VBD30-B020-B040 1169.76	1	0	470



**Double Containment  
Diaphragm Valve Box With Valve**

**Valve Box, with CPVC True Union Diaphragm Valve  
CPVC Sch 80 x PVC Sch 40**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-A020 467.14	VBD30-C005-A020 527.99	1	0	470
3/4X3	VBD20-C007-A030 496.20	VBD30-C007-A030 605.74	1	0	470
1X3	VBD20-C010-A030 560.06	VBD30-C010-A030 641.54	1	0	470
1-1/2X4	VBD20-C015-A040 890.22	VBD30-C015-A040 988.31	1	0	470
2X4	VBD20-C020-A040 925.18	VBD30-C020-A040 1040.54	1	0	470

**Valve Box, with CPVC True Union Diaphragm Valve  
CPVC Sch 80 x PVC Sch 80**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-B020 723.07	VBD30-C005-B020 783.94	1	5	470
3/4X3	VBD20-C007-B030 790.76	VBD30-C007-B030 900.31	1	6	470
1X3	VBD20-C010-B030 833.73	VBD30-C010-B030 915.22	1	6	470
1-1/2X4	VBD20-C015-B040 1242.54	VBD30-C015-B040 1315.48	1	4	470
2X4	VBD20-C020-B040 1277.50	VBD30-C020-B040 1392.86	1	0	470

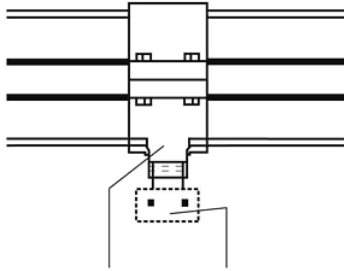
**Valve Box, with CPVC True Union Diaphragm Valve  
CPVC Sch 80 x CPVC Sch 80**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-C020 1034.68	VBD30-C005-C020 1095.54	1	0	470
3/4X3	VBD20-C007-C030 1101.61	VBD30-C007-C030 1211.16	1	0	470
1X3	VBD20-C010-C030 1144.53	VBD30-C010-C030 1226.02	1	0	470
1-1/2X4	VBD20-C015-C040 2026.94	VBD30-C015-C040 2099.86	1	0	470
2X4	VBD20-C020-C040 2061.89	VBD30-C020-C040 2177.26	1	0	470

**Valve Box, with CPVC True Union Diaphragm Valve  
CPVC Sch 80 x PVC Sch 40 Clear**

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-G020 1426.34	VBD30-C005-G020 1487.20	1	0	470
3/4X3	VBD20-C007-G030 1455.53	VBD30-C007-G030 1565.09	1	0	470
1X3	VBD20-C010-G030 1498.52	VBD30-C010-G030 1580.00	1	0	470
1-1/2X4	VBD20-C015-G040 2640.23	VBD30-C015-G040 2712.84	1	0	470
2X4	VBD20-C020-G040 2675.19	VBD30-C020-G040 2790.55	1	0	470

## Double Containment Clamp-on Saddles for Leak Detection Sensors



Leak Detection Sensor Saddles are special devices which can be installed on the Containment system where a "low-point" is desired for leak detection apparatus. Spears® Clamp-on style saddles feature an internal O-ring seal to allow easy installation anywhere on the containment piping. Saddles may also be used in Containment high points for air relief or for connection of Containment drainage valves (see note below). See *Double Containment Design & Installation Guide* for proper installation.

### PVC White Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with EPDM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

467SE-247SR	2X1/2	3/4	1	10	046	50.84
467SE-248SR	2X3/4	7/8	1	10	046	50.84
467SE-333SR <sup>1</sup>	3X1/2	7/8	1	10	046	68.23
467SE-334SR	3X3/4	7/8	1	10	046	68.23
467SE-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	046	85.61
467SE-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	046	85.61
467SE-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	046	143.86
467SE-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	046	143.86
467SE-573SR <sup>1</sup>	8X1/2	4	1	0	046	206.39
467SE-574SR <sup>1</sup>	8X3/4	4	1	0	046	206.39

<sup>1</sup>1-Outlet Sized with Adapter

PVC White Saddles with Viton® O-ring seals available by special order

### PVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with EPDM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867S-247SR	2X1/2	3/4	1	10	086	54.88
867S-248SR	2X3/4	7/8	1	10	086	54.88
867S-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	73.79
867S-334SR	3X3/4	7/8	1	10	086	73.79
867S-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	92.90
867S-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	92.90
867S-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	134.30
867S-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	134.30
867S-573SR <sup>1</sup>	8X1/2	4	1	0	086	249.03
867S-574SR <sup>1</sup>	8X3/4	4	1	0	086	249.03

<sup>1</sup>1-Outlet sized with Adapter

### PVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with Viton® O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867SV-247SR	2X1/2	3/4	1	10	086	61.41
867SV-248SR	2X3/4	7/8	1	10	086	61.41
867SV-333SR <sup>1</sup>	3X1/2	7/8	1	10	086	82.10
867SV-334SR	3X3/4	7/8	1	10	086	82.10
867SV-415SR <sup>1</sup>	4X1/2	1-1/8	1	10	086	103.66
867SV-416SR <sup>1</sup>	4X3/4	1-1/8	1	10	086	103.66
867SV-523SR <sup>1</sup>	6X1/2	1-1/8	1	4	086	152.26
867SV-524SR <sup>1</sup>	6X3/4	1-1/8	1	4	086	152.26
867SV-573SR <sup>1</sup>	8X1/2	4	1	0	086	272.10
867SV-574SR <sup>1</sup>	8X3/4	4	1	0	086	272.10

Made in the U.S.A.

Clamp-on Saddle Specifications, Containment sizes 2" - 8":

Material: PVC White/PVC Gray/CPVC  
 Seals: EPDM/Viton®  
 Hardware: Stainless Steel (no fluid contact)  
 Outlet: Special Reinforced (SR) Female Plastic thread  
 1/2" or 3/4" NPT (see note below)  
 PR, Water: 235 psi @ 73°F (23°C), 2" - 4"  
 200 psi @ 73°F (23°C), 6"  
 150 psi @ 73°F (23°C), 8"

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

Note: Saddles specified in this catalog are for listed containment pipe sizes through 8", with 1/2" or 3/4" NPT connections. For a wide variety of additional pipe and outlet sizes, including solvent weld outlets, please refer to Spears® *PVC/CPVC Clamp-On & Hot-Tap Saddles*.

### PVC Gray Clamp-On Saddle x SR Thread (continued)

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with Viton® O-ring Seal & SS Hardware

<sup>1</sup>1-Outlet sized with Adapter

### CPVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### with EPDM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867S-247CSR	2X1/2	3/4	1	10	096	91.91
867S-248CSR	2X3/4	7/8	1	10	096	91.91
867S-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	123.03
867S-334CSR	3X3/4	7/8	1	10	096	123.03
867S-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	154.84
867S-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	154.84
867S-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	258.07
867S-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	258.07
867S-573CSR	8X1/2	4	1	0	096	458.47
867S-574CSR <sup>1</sup>	8X3/4	4	1	0	096	458.47

<sup>1</sup>1-Outlet sized with Adapter

#### with Viton® O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867SV-247CSR	2X1/2	3/4	1	10	096	102.33
867SV-248CSR	2X3/4	7/8	1	10	096	102.33
867SV-333CSR <sup>1</sup>	3X1/2	7/8	1	10	096	137.47
867SV-334CSR	3X3/4	7/8	1	10	096	137.47
867SV-415CSR <sup>1</sup>	4X1/2	1-1/8	1	10	096	173.69
867SV-416CSR <sup>1</sup>	4X3/4	1-1/8	1	10	096	173.69
867SV-523CSR <sup>1</sup>	6X1/2	1-1/8	1	4	096	289.48
867SV-524CSR <sup>1</sup>	6X3/4	1-1/8	1	4	096	289.48
867SV-573CSR <sup>1</sup>	8X1/2	4	1	0	096	498.68
867SV-574CSR <sup>1</sup>	8X3/4	4	1	0	096	498.68

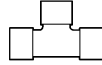
<sup>1</sup>1-Outlet sized with Adapter



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee**  
Soc x Soc x Soc



280-102502	6	1	8	300	44.26
280-102499	6X2	1	6	300	34.95
280-102500	6X3	1	4	300	37.89
280-102501	6X4	1	4	300	39.64
280-102507	8	1	2	300	70.10
280-102503	8X2	1	2	300	45.09
280-102504	8X3	1	3	300	53.57
280-102505	8X4	1	2	300	55.91
280-102506	8X6	1	0	300	64.06
280-102513	10	1	0	300	87.41
280-102508	10X2	1	0	300	71.07
280-102509	10X3	1	0	300	72.24
280-102510	10X4	1	0	300	74.03
280-102511	10X6	1	0	300	75.74
280-102512	10X8	1	0	300	81.22
280-102520	12	1	0	300	142.17
280-102514	12X2	1	2	300	93.23
280-102515	12X3	1	0	300	99.10
280-102516	12X4	1	0	300	103.70
280-102517	12X6	1	0	300	105.76
280-102518	12X8	1	0	300	110.76
280-102519	12X10	1	0	300	121.20
280-102528	15	1	0	300	282.07
280-102521	15X2	1	0	300	151.50
280-102522	15X3	1	0	300	151.50
280-102523	15X4	1	0	300	157.34
280-102524	15X6	1	0	300	161.98
280-102525	15X8	1	0	300	180.64
280-102526	15X10	1	0	300	201.60
280-102527	15X12	1	0	300	235.41
280-102537	18	1	0	300	490.72
280-102529	18X2	1	0	300	285.53
280-102530	18X3	1	0	300	287.83
280-102531	18X4	1	0	300	290.21
280-102532	18X6	1	0	300	296.03
280-102533	18X8	1	0	300	300.71
280-102534	18X10	1	0	300	328.69
280-102535	18X12	1	0	300	362.51
280-102536	18X15	1	0	300	396.29
280-102547	20	1	0	300	607.27
280-102538	20X2	1	0	300	361.32
280-102539	20X3	1	0	300	365.06
280-102540	20X4	1	0	300	370.63
280-102541	20X6	1	0	300	382.32
280-102542	20X8	1	0	300	390.46
280-102543	20X10	1	0	300	432.40
280-102544	20X12	1	0	300	459.23
280-102545	20X15	1	0	300	493.07
280-102546	20X18	1	0	300	554.80

**90° Elbow**  
Soc x Soc



280-100812	6	1	4	300	69.93
280-100813	8	1	2	300	86.21
280-100814	10	1	0	300	137.55
280-100815	12	1	0	300	180.64
280-100816	15	1	0	300	294.86
280-100817	18	1	0	300	510.49
280-100818	20	1	0	300	687.73

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**11-1/4° Elbow**  
Soc x Soc



280-100114	6	1	10	300	22.15
280-100115	8	1	4	300	31.49
280-100116	10	1	2	300	45.43
280-100117	12	1	2	300	62.93
280-100118	15	1	0	300	108.39
280-100119	18	1	0	300	186.50
280-100120	20	1	0	300	236.60

**15° Elbow**  
Soc x Soc



280-100234	6	1	10	300	22.15
280-100235	8	1	4	300	31.49
280-100236	10	1	2	300	45.43
280-100237	12	1	2	300	62.93
280-100238	15	1	0	300	108.39
280-100239	18	1	0	300	189.97
280-100240	20	1	0	300	245.90

**22-1/2° Elbow**  
Soc x Soc



280-100354	6	1	4	300	22.15
280-100355	8	1	3	300	31.49
280-100356	10	1	2	300	45.43
280-100357	12	1	2	300	62.93
280-100358	15	1	0	300	108.39
280-100359	18	1	0	300	189.97
280-100360	20	1	0	300	245.90

**30° Elbow**  
Soc x Soc



280-100474	6	1	8	300	37.27
280-100475	8	1	4	300	54.73
280-100476	10	1	2	300	67.59
280-100477	12	1	2	300	110.76
280-100478	15	1	0	300	178.33
280-100479	18	1	0	300	315.83
280-100480	20	1	0	300	350.83

**45° Elbow**  
Soc x Soc



280-100592	6	1	4	300	37.27
280-100593	8	1	4	300	54.73
280-100594	10	1	2	300	67.59
280-100595	12	1	2	300	110.76
280-100596	15	1	0	300	178.33
280-100597	18	1	0	300	315.83
280-100598	20	1	0	300	350.83

**60° Elbow**  
Soc x Soc



280-100702	6	1	4	300	69.93
280-100703	8	1	2	300	86.21
280-100704	10	1	0	300	137.55
280-100705	12	1	0	300	180.64
280-100706	15	1	0	300	294.86
280-100707	18	1	0	300	510.49
280-100708	20	1	0	300	687.73

**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Coupling**  
Soc x Soc



280-100001	4 IPS	1	10	300	15.10
280-100002	6	1	5	300	18.63
280-100003	8	1	6	300	20.97
280-100004	10	1	4	300	29.15
280-100005	12	1	4	300	39.64
280-100006	15	1	0	300	69.93
280-100007	18	1	0	300	124.68
280-100008	20	1	0	300	153.83

**Reducer**  
Soc x Soc



280-100928	8X6	1	2	300	32.63
2829-626	10X6	1	4	300	131.46
280-100931	10X8	1	4	300	50.12
280-100933	12X6	1	6	300	187.45
280-100934	12X8	1	4	300	145.69
280-100935	12X10	1	4	300	72.29
2829-726	15X6	1	0	300	325.31
2829-728	15X8	1	0	309	233.65
280-100939	15X10	1	0	300	166.13
280-100940	15X12	1	0	300	109.52
2829-786	18X6	1	0	300	488.52
2829-788	18X8	1	0	300	459.60
280-100944	18X10	1	0	300	402.13
280-100945	18X12	1	0	300	360.09
280-100946	18X15	1	0	300	176.00
2829-816	20X6	1	0	300	752.24
2829-818	20X8	1	0	300	716.20
2829-820	20X10	1	0	300	662.19
2829-822	20X12	1	0	300	608.61
2829-825	20X15	1	0	300	497.71
280-100953	20X18	1	0	300	257.56

**PIP x IPS Reducer**  
Soc x Soc



280-101536	6X4	1	4	300	26.21
280-101537	8X6	1	8	300	37.89
280-101538	10X8	1	4	300	50.12
280-101534	12X8	1	4	300	145.69
280-101539	12X10	1	4	300	87.40
280-101540	15X12	1	0	300	139.82

**IPS X PIP Adapter**  
Soc x Soc



280-101649	6	1	4	300	29.15
280-101650	8	1	4	300	43.09
280-101651	10	1	4	300	67.59
280-101652	12	1	4	300	95.56

**Concrete Adapter**  
Soc x Concrete



280-101761	6X6	1	5	300	27.97
280-101762	8X8	1	6	300	40.77
280-101763	10X10	1	4	300	62.93
280-101764	12X12	1	4	300	88.54
280-101765	12X14	1	0	300	94.37
280-101766	15X14	1	0	300	130.50
280-101767	15X15	1	0	300	134.04

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Concrete Adapter (continued)**  
Soc x Concrete

280-101768	15X16	1	0	300	136.37
280-101769	18X18	1	0	300	158.51
280-101770	20X20	1	0	300	198.13

**Linegate Valve Adapter**  
Linegate x Soc



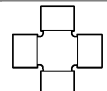
280-101777	6	1	6	300	23.23
280-101778	8	1	6	300	26.35
280-101779	10	1	4	300	41.99
280-101780	12	1	4	300	59.45
280-101781	15	1	0	300	102.54
2845-180	18	1	0	300	147.65

**Linegate Valve PIP Adapter**  
Linegate x Soc



2845-180P	18	1	0	300	147.65
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**Cross**  
Soc x Soc x Soc x Soc



280-103286	6	1	0	300	73.41
280-103283	6X2	1	0	300	58.26
280-103284	6X3	1	0	300	58.26
280-103285	6X4	1	4	300	64.06
280-103291	8	1	0	300	100.26
280-103287	8X2	1	0	300	81.56
280-103288	8X3	1	0	300	81.56
280-103289	8X4	1	0	300	87.40
280-103290	8X6	1	0	300	92.03
280-103297	10	1	0	300	136.37
280-103292	10X2	1	2	300	81.56
280-103293	10X3	1	0	300	84.50
280-103294	10X4	1	0	300	87.40
280-103295	10X6	1	0	300	97.91
280-103296	10X8	1	0	300	111.84
280-103304	12	1	0	300	189.97
280-103298	12X2	1	0	300	110.15
280-103299	12X3	1	0	300	111.27
280-103300	12X4	1	0	300	114.19
280-103301	12X6	1	0	300	123.54
280-103302	12X8	1	0	300	134.04
280-103303	12X10	1	0	300	161.98
280-103321	15	1	0	300	362.51
280-103313	15X2	1	0	300	161.98
280-103314	15X3	1	0	300	165.50
280-103315	15X4	1	0	300	173.68
280-103316	15X6	1	0	300	184.15
280-103317	15X8	1	0	300	198.13
280-103318	15X10	1	0	300	234.29
280-103319	15X12	1	0	300	282.07
280-103342	18	1	0	300	581.61
280-103332	18X2	1	0	300	314.70
280-103333	18X3	1	0	300	317.63
280-103334	18X4	1	0	300	320.55
280-103335	18X6	1	0	300	328.69
280-103336	18X8	1	0	300	338.00
280-103337	18X10	1	0	300	384.60
280-103338	18X12	1	0	300	409.16
280-103340	18X15	1	0	300	466.26
280-103354	20	1	0	300	765.80
280-103343	20X2	1	0	300	441.73
280-103344	20X3	1	0	300	445.23
280-103345	20X4	1	0	300	448.76





**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Cross (continued)**

Soc x Soc x Soc x Soc

280-103346	20X6	1	0	300	459.23
280-103347	20X8	1	0	300	470.90
280-103348	20X10	1	0	300	504.67
280-103349	20X12	1	0	300	543.16
280-103351	20X15	1	0	300	568.79
280-103353	20X18	1	0	300	667.88

**Orchard Riser**

Saddle x Riser



2880-04030	4X4	1	0	301	33.74
2880-53230	6X4	1	25	301	33.74
2880-06030	6X6	1	25	301	58.26
2880-58230	8X4	1	25	301	33.74
2880-58530	8X6	1	25	301	44.26
2880-08030	8X8	1	12	301	81.60
2880-62430	10X4	1	30	301	34.95
2880-62630	10X6	1	20	301	44.26
2880-62830	10X8	1	16	301	60.60
2880-10030	10X10	1	6	301	116.52
2880-66430	12X4	1	25	301	36.11
2880-66630	12X6	1	20	301	44.26
2880-66830	12X8	1	12	301	60.60
2880-67030	12X10	1	9	301	83.89
2880-12030	12X12	1	6	301	163.16
2880-72430	15X4	1	25	301	38.44
2880-72630	15X6	1	25	301	51.24
2880-72830	15X8	1	12	301	68.77
2880-73030	15X10	1	9	301	95.56
2880-73230	15X12	1	6	301	131.69
2880-15030	15X15	1	4	301	272.73
2880-78430	18X4	1	25	301	41.99
2880-78630	18X6	1	25	301	49.84
2880-78830	18X8	1	10	301	72.29
2880-79030	18X10	1	9	301	96.73
2880-79230	18X12	1	6	301	149.16
2880-79530	18X15	1	4	301	215.61
2880-18030	18X18	1	3	301	409.09
2880-81430	20X4	1	0	301	44.29
2880-81630	20X6	1	12	301	58.29
2880-81830	20X8	1	12	301	87.40
2880-82030	20X10	1	6	301	136.38
2880-82230	20X12	1	5	301	165.50
2880-82530	20X15	1	0	301	243.64
2880-82830	20X18	1	0	301	299.54
2880-20030	20X20	1	2	301	528.03

**Erosion Pot Riser**

Saddle x Riser x Pot



2881-53232	6X4X8	1	16	301	64.59
2881-06032	6X6X10	1	0	301	77.29
2881-58232	8X4X8	1	20	301	64.59
2881-58532	8X6X10	1	0	301	77.29
2881-08032	8X8X12	1	0	301	109.30
2881-62432	10X4X8	1	16	301	64.59
2881-62632	10X6X10	1	0	301	77.29
2881-62832	10X8X12	1	12	301	109.30
2881-10032	10X10X15	1	0	301	150.17
2881-66432	12X4X8	1	20	301	64.59
2881-66632	12X6X10	1	12	301	77.29
2881-66832	12X8X12	1	12	301	109.30
2881-67032	12X10X15	1	0	301	150.17
2881-12032	12X12X18	1	0	301	198.78
2881-72432	15X4X8	1	0	301	64.59

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Erosion Pot Riser (continued)**

Saddle x Riser x Pot

2881-72632	15X6X10	1	12	301	77.29
2881-72832	15X8X12	1	0	301	109.30
2881-73032	15X10X15	1	0	301	150.17
2881-73232	15X12X18	1	0	301	198.78
2881-15032	15X15X20	1	0	301	292.63
2881-78432	18X4X8	1	0	301	64.59
2881-78632	18X6X10	1	0	301	77.29
2881-78832	18X8X12	1	0	301	109.30
2881-79032	18X10X15	1	0	301	150.17
2881-79232	18X12X18	1	0	301	198.78
2881-79532	18X15X20	1	0	301	292.63
2881-81432	20X4X8	1	0	301	64.59
2881-81632	20X6X10	1	0	301	77.29
2881-81832	20X8X12	1	0	301	109.30
2881-82032	20X10X15	1	0	301	150.17
2881-82232	20X12X18	1	0	301	198.78
2881-82532	20X15X20	1	0	301	292.63

**Mechanical Vent Assembly**

Saddle x Riser/Vent



2882-420	4X2	1	10	301	64.06
2882-422	4X3	1	0	301	99.03
2882-528	6X2	1	10	301	64.06
2882-530	6X3	1	5	301	99.03
2882-532	6X4	1	5	301	137.55
2882-578	8X2	1	8	301	64.06
2882-580	8X3	1	4	301	99.03
2882-582	8X4	1	8	301	137.55
2882-621	10X2	1	10	301	64.06
2882-623	10X3	1	5	301	99.03
2882-624	10X4	1	3	301	137.55
2882-661	12X2	1	10	301	64.06
2882-663	12X3	1	5	301	99.03
2882-664	12X4	1	4	301	137.55
2882-721	15X2	1	0	301	64.07
2882-723	15X3	1	6	301	99.03
2882-724	15X4	1	4	301	137.55
2882-781	18X2	1	0	301	64.07
2882-783	18X3	1	0	301	99.03
2882-784	18X4	1	4	301	137.55
2882-811	20X2	1	0	301	64.07
2882-813	20X3	1	0	301	99.03
2882-814	20X4	1	0	301	137.55

**Mechanical Vent Riser**

Saddle x Riser/Vent x Chamber



2883-52842	6X2X4	1	0	301	74.59
2883-57842	8X2X6	1	0	301	80.43
2883-58042	8X3X6	1	0	301	101.37
2883-62142	10X2X8	1	12	301	97.91
2883-62342	10X3X8	1	8	301	116.52
2883-62442	10X4X8	1	12	301	137.55
2883-66142	12X2X10	1	0	301	125.86
2883-66342	12X3X10	1	16	301	143.34
2883-66442	12X4X10	1	12	301	163.16
2883-72442	15X4X12	1	6	301	212.11
2883-78442	18X4X15	1	0	301	273.89
2883-81442	20X4X18	1	0	301	385.81

**Vent Base**

Saddle x Riser x Outlet



2888-532020	6X4X2	1	2	301	48.39
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**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Vent Base (continued)**

Saddle x Riser x Outlet

2888-585030	<b>8X6X3</b>	1	0	301	149.72
2888-585040	<b>8X6X4</b>	1	4	301	75.74
2888-628060	<b>10X8X6</b>	1	0	301	116.52
2888-670060	<b>12X10X6</b>	1	0	301	123.54
2888-732080	<b>15X12X8</b>	1	0	301	185.30
2888-795080	<b>18X15X8</b>	1	0	301	256.44
2888-828080	<b>20X18X8</b>	1	0	301	463.93



**Low Head Wye**

Soc x Soc

2875-060	<b>6</b>	1	2	300	81.80
2875-080	<b>8</b>	1	0	300	108.20
2875-100	<b>10</b>	1	0	300	140.76
2875-120	<b>12</b>	1	0	300	196.11
2875-150	<b>15</b>	1	0	300	303.38
2875-183	<b>18</b>	1	0	300	729.50
2875-200	<b>20</b>	1	0	300	978.27

**Reducing Low Head Wye**

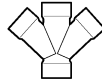
Soc x Soc



2875-532	<b>6X4</b>	1	4	300	63.79
2875-585	<b>8X6</b>	1	0	300	94.37
2875-626	<b>10X6</b>	1	0	300	120.69
2875-628	<b>10X8</b>	1	0	300	127.31
2875-666	<b>12X6</b>	1	0	300	132.64
2875-668	<b>12X8</b>	1	0	300	152.27
2875-670	<b>12X10</b>	1	0	300	162.66
2875-726	<b>15X6</b>	1	0	300	178.80
2875-728	<b>15X8</b>	1	0	300	193.79
2875-730	<b>15X10</b>	1	0	300	212.24
2875-732	<b>15X12</b>	1	0	300	233.02
2875-786	<b>18X6</b>	1	0	300	288.41
2875-788	<b>18X8</b>	1	0	300	292.97
2875-790	<b>18X10</b>	1	0	300	320.15
2875-792	<b>18X12</b>	1	0	300	353.09
2875-795	<b>18X15</b>	1	0	300	386.02
2875-816	<b>20X6</b>	1	0	300	360.50
2875-818	<b>20X8</b>	1	0	300	366.20
2875-820	<b>20X10</b>	1	0	300	400.18
2875-822	<b>20X12</b>	1	0	300	441.35
2875-825	<b>20X15</b>	1	0	300	482.54
2875-828	<b>20X18</b>	1	0	300	849.00

**Double Wye**

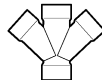
Soc x Soc



2876-060	<b>6</b>	1	0	300	128.47
2876-080	<b>8</b>	1	0	300	146.35
2876-100	<b>10</b>	1	0	300	245.06
2876-120	<b>12</b>	1	0	300	292.69
2876-150	<b>15</b>	1	0	300	452.81
2876-183	<b>18</b>	1	0	300	1227.76
2876-200	<b>20</b>	1	0	300	1745.38

**Reducing Double Wye**

Soc x Soc



2876-585	<b>8X6</b>	1	0	300	103.32
2876-626	<b>10X6</b>	1	0	300	146.35
2876-628	<b>10X8</b>	1	0	300	161.86
2876-666	<b>12X6</b>	1	0	300	197.97
2876-668	<b>12X8</b>	1	0	300	227.27

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Double Wye (continued)**

Soc x Soc

2876-670	<b>12X10</b>	1	0	300	271.71
2876-726	<b>15X6</b>	1	0	300	266.86
2876-728	<b>15X8</b>	1	0	300	289.23
2876-730	<b>15X10</b>	1	0	300	316.80
2876-732	<b>15X12</b>	1	0	300	429.53
2876-786	<b>18X6</b>	1	0	300	430.48
2876-788	<b>18X8</b>	1	0	300	437.27
2876-790	<b>18X10</b>	1	0	300	477.83
2876-792	<b>18X12</b>	1	0	300	527.00
2876-795	<b>18X15</b>	1	0	300	576.16
2876-816	<b>20X6</b>	1	0	300	594.57
2876-818	<b>20X8</b>	1	0	300	610.07
2876-820	<b>20X10</b>	1	0	300	624.50
2876-822	<b>20X12</b>	1	0	300	658.73
2876-825	<b>20X15</b>	1	0	300	720.20
2876-828	<b>20X18</b>	1	0	300	1331.91

**End Cap**

Soc



280-107539	<b>4 IPS</b>	1	10	300	10.49
280-107540	<b>6</b>	1	10	300	11.65
280-107541	<b>8</b>	10	0	300	19.79
280-107542	<b>10</b>	1	10	300	31.49
280-107543	<b>12</b>	1	10	300	48.94
280-107545	<b>15</b>	1	5	300	68.77
280-107547	<b>18</b>	1	5	300	125.86
280-107548	<b>20</b>	1	5	300	169.00

**Surface Reducer**

Soc



280-102013	<b>6X2</b>	1	10	300	18.63
280-102015	<b>6X3</b>	1	10	300	18.63
280-102016	<b>6X4</b>	1	10	300	18.63
280-102018	<b>8X2</b>	1	10	300	25.60
280-102020	<b>8X3</b>	1	10	300	25.60
280-102021	<b>8X4</b>	1	10	300	25.60
280-102022	<b>8X6</b>	1	10	300	25.60
280-102024	<b>10X2</b>	1	10	300	51.24
280-102026	<b>10X3</b>	1	10	300	51.24
280-102027	<b>10X4</b>	1	10	300	51.24
280-102028	<b>10X6</b>	1	10	300	51.24
280-102029	<b>10X8</b>	1	10	300	51.24
280-102031	<b>12X2</b>	1	10	300	62.93
280-102033	<b>12X3</b>	1	10	300	62.93
280-102034	<b>12X4</b>	1	10	300	62.93
280-102035	<b>12X6</b>	1	10	300	62.93
280-102036	<b>12X8</b>	1	10	300	62.93
280-102037	<b>12X10</b>	1	10	300	62.93
280-102048	<b>15X2</b>	1	5	300	88.54
280-102050	<b>15X3</b>	1	5	300	88.54
280-102051	<b>15X4</b>	1	5	300	88.54
280-102052	<b>15X6</b>	1	5	300	88.54
280-102053	<b>15X8</b>	1	5	300	88.54
280-102054	<b>15X10</b>	1	5	300	88.54
280-102055	<b>15X12</b>	1	5	300	88.54
280-102067	<b>18X2</b>	1	5	300	132.86
280-102069	<b>18X3</b>	1	4	300	132.86
280-102070	<b>18X4</b>	1	5	300	132.86
280-102071	<b>18X6</b>	1	5	300	132.86
280-102072	<b>18X8</b>	1	5	300	132.86
280-102073	<b>18X10</b>	1	5	300	132.86
280-102074	<b>18X12</b>	1	5	300	132.86
280-102075	<b>18X15</b>	1	5	300	132.86



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Surface Reducer (continued)**

<b>Soc</b>					
280-102077	20X2	1	0	300	176.00
280-102136	20X3	1	0	300	176.00
280-102137	20X4	1	5	300	176.00
280-102138	20X6	1	5	300	176.00
280-102139	20X8	1	5	300	176.00
280-102140	20X10	1	5	300	176.00
280-102141	20X12	1	5	300	176.00
280-102142	20X15	1	5	300	176.00
280-102143	20X18	1	5	300	176.00

**Saddle**

**Soc**



280-101788	4X2	1	40	300	18.63
280-101789	6X2	1	10	300	18.63
280-101790	8X2	1	10	300	18.63
280-101791	10X2	1	10	300	18.63
280-101792	12X2	1	10	300	18.63
280-101793	15X2	1	10	300	18.63
280-101794	18X2	1	20	300	18.63
280-101795	20X2	1	10	300	19.79
280-101796	4X3	1	5	300	19.79
280-101797	6X3	1	10	300	19.79
280-101798	8X3	1	10	300	19.79
280-101799	10X3	1	10	300	19.79
280-101800	12X3	1	10	300	19.79
280-101801	15X3	1	10	300	19.79
280-101802	18X3	1	20	300	19.79
280-101803	20X3	1	10	300	29.37
280-101804	6X4	1	10	300	22.15
280-101805	8X4	1	10	300	22.15
280-101806	10X4	1	10	300	22.15
280-101807	12X4	1	10	300	22.15
280-101808	15X4	1	10	300	22.15
280-101809	18X4	1	10	300	22.15
280-101810	20X4	1	8	300	22.15
280-101811	8X6	1	8	300	27.97
280-101812	10X6	1	8	300	27.97
280-101813	12X6	1	8	300	27.97
280-101814	15X6	1	8	300	27.97
280-101815	18X6	1	10	300	27.97
280-101816	20X6	1	7	300	31.49
280-101817	10X8	1	8	300	32.63
280-101818	12X8	1	8	300	32.63
280-101819	15X8	1	8	300	32.63
280-101820	18X8	1	8	300	36.11
280-101821	20X8	1	8	300	51.24
280-101822	12X10	1	10	300	39.64
280-101823	15X10	1	10	300	45.43
280-101824	18X10	1	10	300	46.60
280-101825	20X10	1	7	300	86.21
280-101826	15X12	1	5	300	60.60
280-101827	18X12	1	3	300	78.05
280-101828	20X12	1	0	300	94.37
280-101829	18X15	1	0	300	101.37
280-101830	20X15	1	0	300	129.35
280-101831	20X18	1	0	300	143.34

**Stub Saddle**

**Soc**



280-101883	4X2	1	10	300	23.23
280-101884	6X2	1	10	300	23.23
280-101885	8X2	1	10	300	23.23
280-101886	10X2	1	10	300	23.23

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Stub Saddle (continued)**

<b>Soc</b>					
280-101887	12X2	1	10	300	24.46
280-101888	15X2	1	10	300	26.81
280-101889	18X2	1	10	300	26.81
280-101890	20X2	1	10	300	30.29
280-101891	4X3	1	10	300	27.97
280-101892	6X3	1	5	300	27.97
280-101893	8X3	1	5	300	27.97
280-101894	10X3	1	5	300	27.97
280-101895	12X3	1	5	300	30.29
280-101896	15X3	1	5	300	30.29
280-101897	18X3	1	10	300	30.29
280-101898	20X3	1	5	300	32.63
280-101899	6X4	1	10	300	32.63
280-101900	8X4	1	10	300	32.63
280-101901	10X4	1	10	300	32.63
280-101902	12X4	1	10	300	32.63
280-101903	15X4	1	10	300	32.63
280-101904	18X4	1	10	300	34.29
280-101905	20X4	1	10	300	34.95
280-101906	8X6	1	6	300	38.44
280-101907	10X6	1	8	300	38.44
280-101908	12X6	1	6	300	38.44
280-101909	15X6	1	8	300	40.77
280-101910	18X6	1	10	300	40.77
280-101911	20X6	1	7	300	46.60
280-101912	10X8	1	4	300	51.24
280-101913	12X8	1	3	300	51.24
280-101914	15X8	1	5	300	54.73
280-101915	18X8	1	5	300	58.26
280-101916	20X8	1	0	300	73.41
280-101917	12X10	1	3	300	67.59
280-101918	15X10	1	5	300	71.10
280-101919	18X10	1	4	300	72.29
280-101920	20X10	1	0	300	111.84
280-101921	15X12	1	0	300	101.37
280-101922	18X12	1	0	300	117.71
280-101923	20X12	1	0	300	134.04
280-101924	18X15	1	0	300	158.51
280-101925	20X15	1	0	300	187.63
280-101926	20X18	1	0	300	228.43

**Same Size Saddle**

**Soc**



280-101937	6X6	1	10	300	32.02
280-101938	8X8	1	5	300	46.60
280-101939	10X10	1	5	300	64.06
280-101940	12X12	1	4	300	93.23
280-101941	15X15	1	0	300	139.82
280-101942	18X18	1	0	300	238.94
280-101943	20X20	1	0	300	326.35

**Same Size Stub Saddle**

**Soc**

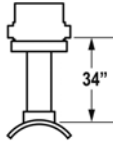


280-101949	6X6	1	5	300	55.91
280-101950	8X8	1	4	300	89.50
280-101951	10X10	1	0	300	109.52
280-101952	12X12	1	0	300	124.68
280-101953	15X15	1	0	300	186.50
280-101954	18X18	1	0	300	324.03
280-101955	20X20	1	0	300	378.78

# Fabricated Fittings PVC Low Head PIP Fabricated Fittings, Risers & Accessories



Size	Disc Code	Part Number	List Price	Each
<b>DISTRIBUTING GATE RISER</b> (Saddle x Riser x Pot)				
<b>GATES NOT INCLUDED IN PRICE</b> (See CHART #1 on Next Page)				
6x4x8	301	2884-53234	97.93	---
8x4x8	301	2884-58234	97.93	---
8x6x10	301	2884-58534	125.86	---
10x4x8	301	2884-62434	97.93	---
10x6x10	301	2884-62634	125.86	---
10x8x12	301	2884-62834	186.50	---
12x4x8	301	2884-66434	97.93	---
12x6x10	301	2884-66634	125.86	---
12x8x12	301	2884-66834	186.50	---
12x10x15	301	2884-67034	266.34	---
15x4x8	301	2884-72334	97.93	---
15x6x10	301	2884-72634	125.86	---
15x8x12	301	2884-72834	186.50	---
15x10x15	301	2884-73034	266.95	---
15x12x18	301	2884-73234	484.88	---
18x4x8	301	2884-78434	97.93	---
18x6x10	301	2884-78634	125.86	---
18x8x12	301	2884-78834	186.50	---
18x10x15	301	2884-79034	266.34	---
18x12x18	301	2884-79234	484.88	---
20x4x8	301	2884-81434	97.93	---
20x6x10	301	2884-81634	125.86	---
20x8x12	301	2884-81834	186.52	---
20x10x15	301	2884-82034	266.34	---
20x12x18	301	2884-82234	484.88	---



## HOW TO ORDER A DISTRIBUTING GATE RISER

Choose the Distributing Gate Riser size required:  
Example: 6 x 4 x 8

(6" Saddle x 4" Riser x 8" Pot)  
Part Number 2884-53234 ---

Next, choose the Gate size required from CHART #1:  
Example: 2-1/2" Gates  
(Code Number "2")

Next, add this Code Number to the end of the Part Number:  
Example: 2884-53234 **2**---

Next, choose the position required for the gates from CHART #2:  
Example: Standard 2-Way Gates  
(Code Number "05")

Next, add this Code Number to the very end of the Part Number:  
Example: 2884-532342**05**

The Part Number is now complete for a  
6" Saddle x 4" Riser x 8" Pot  
with 2-1/2" Standard 2-Way Gates -

2884-53234205

## HOW TO CALCULATE A DISTRIBUTING GATE RISER TOTAL LIST PRICE EACH WITH GATES INSTALLED

Find the base unit List Price Each at left:  
Example: \$97.93

Next, find the List Price Each for the size of Gate required from CHART #1:  
Example: 2-1/2" Gate - \$15.12 each

Next, multiply the Gate price by the number of Gates required:  
Example: \$15.12 x 2 = \$30.24

Next, add this amount to the base unit price, for the Total List Price Each:  
Example: \$97.93 + \$30.24 = \$128.17

The Total List Price Each for a  
6" Saddle x 4" Riser x 8" Pot with 2-1/2"  
Standard 2-Way Gates installed is

\$128.17



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

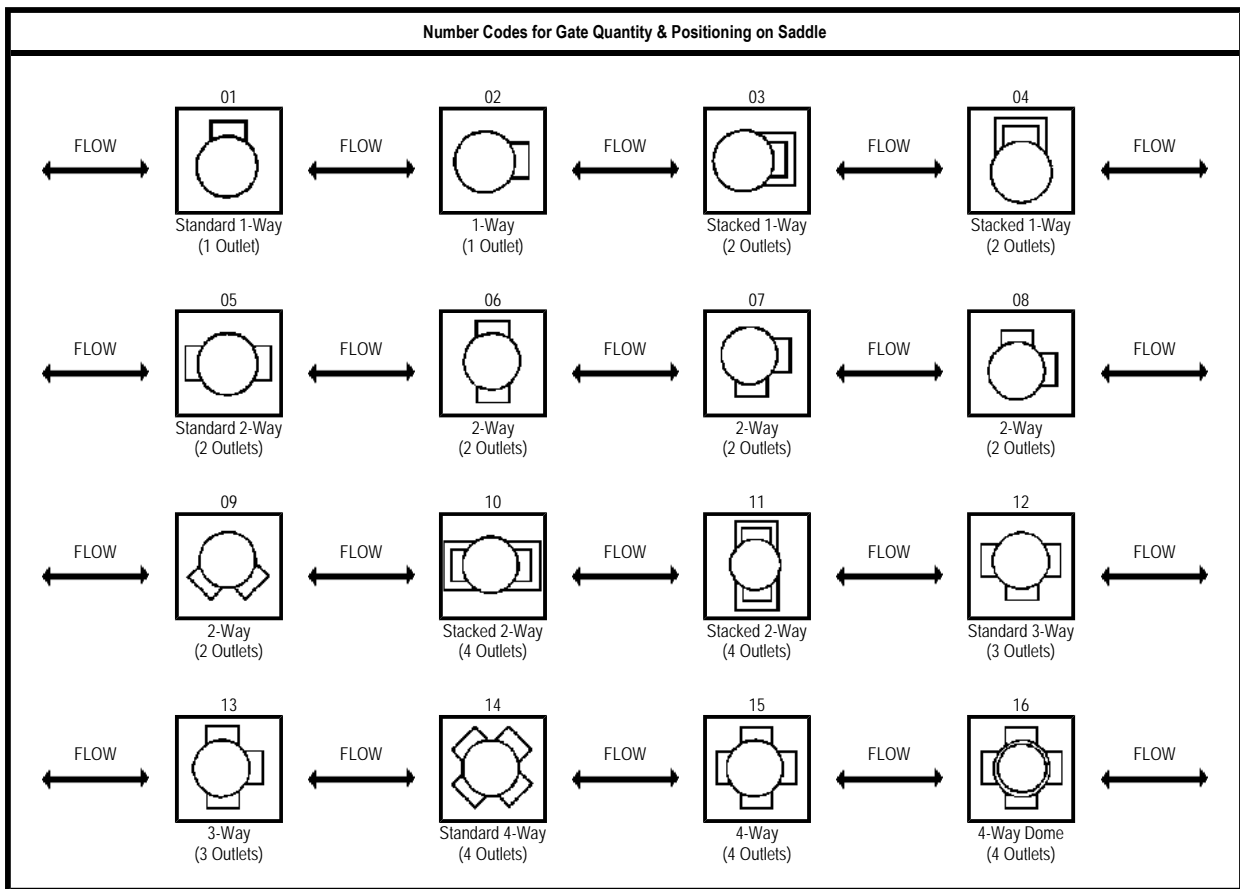
**CHART #1**

Gate/Hole Size	Distributing Gate Size Code	Disc Code	List Price Each Installed
2" Gate	1	301	12.82
2- 1/2" Gate	2	301	15.12
3" Gate	3	301	17.46
4" Gate	4	301	25.63
2" Hole*	5	301	—
2- 1/2" Hole*	6	301	—
3" Hole*	7	301	—
4" Hole*	8	301	—

\* Hole Size Codes MUST be chosen ONLY when ordering with NO GATES INSTALLED.

Number code for Gate Hole positioning must also be chosen from CHART #2 below.

**CHART #2**



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**



Part Number		Size	Disc Code	List Price Each			
<b>RITE FLO RISER (Saddle x Riser)</b>							
GATES NOT INCLUDED IN PRICE (See CHART #3 on Next Page)			1 Outlet	2 Outlets	3 Outlets	4 Outlets	
	2885-58534	8x6 ---	301	118.39	122.10	124.59	126.74
	2885-62634	10x6 ---	301	118.39	122.10	124.59	126.74
	2885-66634	12x6 ---	301	118.39	122.10	124.59	126.74
	2885-72634	15x6 ---	301	118.39	122.10	124.59	126.74
	2885-78634	18x6 ---	301	118.39	122.10	124.59	126.74
	2885-81634	20x6 ---	301	118.39	122.10	124.59	126.74

**HOW TO ORDER A  
RITE FLO RISER**

**Choose the Rite Flo Riser size required:**

Example: 8 x 6 Riser  
(8" Saddle x 6" Riser)  
Part Number 2885-58534 \_ \_ \_

**Next, choose the Gate size required from CHART #3:**

Example: 3" Gates  
(Code Number "3")

**Next, add this Code Number to the end of the Part Number:**

Example: 2885-58534 3 \_ \_

**Next, choose the position required for the gates from CHART #4:**

Example: Standard 2-Way (2 Outlets)  
(Code Number "05")

**Next, add this Code Number to the very end of the Part Number:**

Example: 2885-585343 05

The Part Number is now complete for an 8" Saddle x 6" Standard 2-Way Riser with 3" Gates -

2885-58534305

**HOW TO CALCULATE A RITE FLO  
RISER TOTAL LIST PRICE EACH  
WITH GATES INSTALLED**

**Find the base unit List Price Each at left:**

Example: \$126.74

**Next, find the List Price Each for the 3" Gate required from CHART #3:**

Example: 3" Gate - \$44.84 each

**Next, multiply the Gate price by the number of Gates required:**

Example: \$44.84 x 4 = \$179.36

**Next, add this amount to the base unit price, for the Total List Price Each:**

Example: \$126.74 + \$179.36 = \$306.10

The Total List Price Each for a  
8" Saddle x 6" 4-Way Dome Riser  
with 3" Gates installed is

\$306.10



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

**CHART #3**

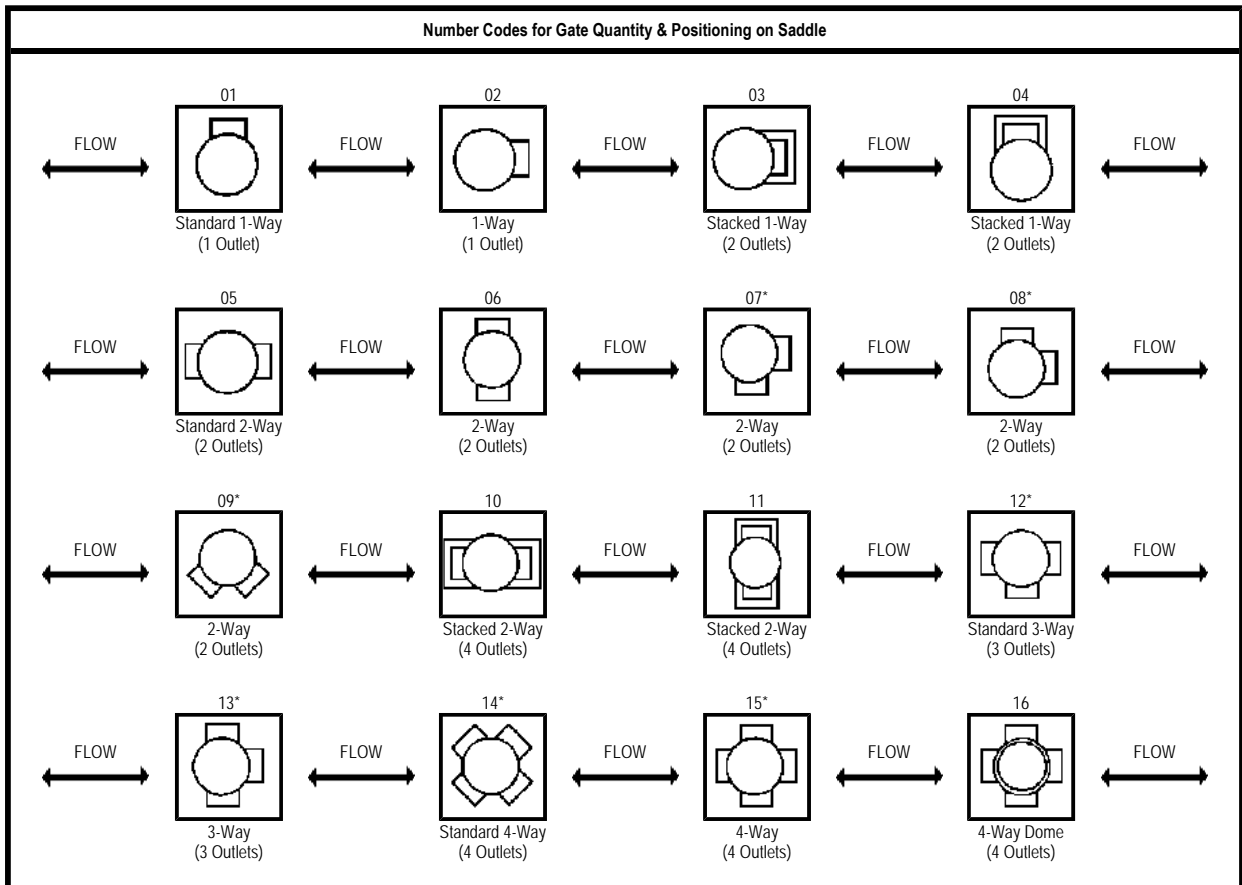
Gate/Hole Size	Gate Size Code	Disc Code	Rite Flo List Price Each Installed
3" Gate	<b>3</b>	301	44.84
2" Hole*	<b>5</b>	301	—
3" Hole*	<b>7</b>	301	—

\* Hole Size Codes **MUST** be chosen **ONLY** when ordering with **NO GATES INSTALLED**.

Number code for Gate Hole positioning must also be chosen from **CHART #4** below.

**NOTE: 3" Rite Flo Gates can be installed on 6" Risers ONLY.**

**CHART #4**



\*Staggered gates are provided for Rite Flo Risers to allow adequate room for gates to operate properly.



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**



Size	Disc Code	Part Number	List Price Each
<b>DISTRIBUTING GATE REPAIR UNIT</b> (Riser x Pot)			
<b>GATES NOT INCLUDED IN PRICE</b> (See CHART #5 on Next Page)			
	4x8	301	28840-42715 --- 81.60
	6x10	301	28840-53715 --- 109.56
	8x12	301	28840-59115 --- 157.33
	10x15	301	28840-63515 --- 207.97
	12x18	301	28840-67815 --- 392.83

**HOW TO ORDER DISTRIBUTING GATE  
AND RITE FLO RISER REPAIR UNITS**

**Choose the Repair Unit size required:**

Example: 4 x 8 Distributing Gate Repair Unit  
(4" Riser x 8" Pot)  
Part Number 28840-42715 ---

**Next, choose the Gate size required from CHART #5:**

Example: 2" Gate  
(Code Number "1")

**Next, add this Code Number to the end of the**

**Part Number:**  
Example: 28840-42715 1---

**Next, choose the position required for the gates from CHART #6:**

Example: 4-Way  
(Code Number "14")

**Next, add this Code Number to the very end of the Part Number:**

Example: 28840-427151 14

The Part Number is now complete for a  
4" Riser x 8" Pot Distributing Gate Riser Repair Unit with 2" 4-Way Gates -

28840-42715114

Part Number	Disc Code	List Price Each	1 Outlet	2 Outlets	3 Outlets	4 Outlets
<b>RITE FLO RISER REPAIR UNIT</b>						
<b>GATES NOT INCLUDED IN PRICE</b> (See CHART #5 on Next Page)						
	28850-06015	---				
	6" ---	301	59.80	64.77	69.72	74.74

**HOW TO CALCULATE DISTRIBUTING GATE  
AND RITE FLO RISER REPAIR UNITS  
TOTAL LIST PRICE EACH WITH GATES INSTALLED**

**Find the base unit List Price Each above:**

Example: \$81.60

**Next, find the List Price Each for the size of Gate required from CHART #5:**

Example: 2" Gate - \$12.82 each

**Next, multiply the Gate price by the number of Gates required:**

Example: \$12.82 x 4 = \$51.28

**Next, add this amount to the base unit price, for the Total List Price Each:**

Example: \$81.60 + \$51.28 = \$132.88

The Total List Price Each for a  
4" Riser x 8" Pot Distributing Gate Riser Repair Unit  
with 2" 4-Way Gates installed is

\$132.88



**Fabricated Fittings  
PVC Low Head PIP Fabricated Fittings, Risers & Accessories**

**CHART #5**






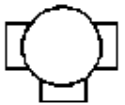

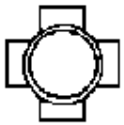
Gate/Hole Size	Gate Size Code	Disc Code	Distributing Gate List Price Each Installed	Rite Flo Gate List Price Each Installed
2" Gate	<b>1</b>	301	12.82	—
2- 1/2" Gate	<b>2</b>	301	15.12	—
3" Gate	<b>3</b>	301	17.46	44.84
4" Gate	<b>4</b>	301	25.63	—
2" Hole*	<b>5</b>	301	—	—
2- 1/2" Hole*	<b>6</b>	301	—	—
3" Hole*	<b>7</b>	301	—	—
4" Hole*	<b>8</b>	301	—	—

\* Hole Size Codes MUST be chosen ONLY when ordering with NO GATES INSTALLED.

Number code for Gate Hole positioning must also be chosen from CHART #6 below.

NOTE: 3" Rite Flo Gates can be installed on 6" Risers ONLY.

**CHART #6**

Repair Unit Number Codes for Gate Quantity & Positioning			
<p>02</p>  <p><b>1-Way</b> (1 Outlet)</p>	<p>04</p>  <p><b>Stacked 1-Way</b> (2 Outlets)</p>	<p>06</p>  <p><b>2-Way</b> (2 Outlets)</p>	<p>08*</p>  <p><b>2-Way</b> (2 Outlets)</p>
<p>10</p>  <p><b>Stacked 2-Way</b> (4 Outlets)</p>	<p>12*</p>  <p><b>3-Way</b> (3 Outlets)</p>	<p>14*</p>  <p><b>4-Way</b> (4 Outlets)</p>	<p>16</p>  <p><b>4-Way Dome</b> (4 Outlets)</p>

\*Staggered gates are provided for Rite Flo Riser Repair Units to allow adequate room for gate to operate properly.

All Low Head PIP Fabricated Fittings showing size outlets of 4" and under are IPS size on that outlet

**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

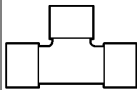


Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

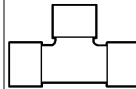
**Tee (Socket)**

6	290-102502 85.07	300-102502 101.79	3301-060P 102.34
6X2	290-102499 59.45	300-102499 68.77	3301-528P 77.18
6X3	290-102500 64.06	300-102500 73.41	3301-530P 83.05
6X4	290-102501 66.43	300-102501 76.89	3301-532P 86.16
8	290-102507 146.71	300-102507 150.33	3301-080P 205.17
8X2	290-102503 73.41	300-102503 85.07	3301-578P 116.38
8X3	290-102504 81.56	300-102504 92.03	3301-580P 126.83
8X4	290-102505 92.03	300-102505 100.26	3301-582P 137.20
8X6	290-102506 109.52	300-102506 123.54	3301-585P 169.99
10	290-102513 212.11	300-102513 241.30	3301-100P 306.26
10X2	290-102508 107.21	300-102508 117.71	3301-621P 161.80
10X3	290-102509 117.71	300-102509 150.33	3301-623P 205.89
10X4	290-102510 136.37	300-102510 153.83	3301-624P 212.12
10X6	290-102511 150.33	300-102511 157.34	3301-626P 232.72
10X8	290-102512 173.68	300-102512 209.81	3301-628P 288.62
12	290-102520 300.71	300-102520 384.60	3301-120P 481.52
12X2	290-102514 142.17	300-102514 170.11	3301-661P 253.61
12X3	290-102515 167.86	300-102515 203.95	3301-663P 280.32
12X4	290-102516 189.97	300-102516 226.11	3301-664P 309.54
12X6	290-102517 200.44	300-102517 245.90	3301-666P 338.80
12X8	290-102518 236.60	300-102518 290.21	3301-668P 401.07
12X10	290-102519 272.73	300-102519 334.50	3301-670P 444.99
15	290-102528 562.95	300-102528 662.05	3301-150P 860.21
15X2	290-102521 262.26	300-102521 306.52	3301-721P 384.60
15X3	290-102522 276.24	300-102522 322.86	3301-723P 409.16
15X4	290-102523 284.39	300-102523 336.85	3301-724P 423.09
15X6	290-102524 308.84	300-102524 370.63	3301-726P 479.05
15X8	290-102525 356.64	300-102525 414.94	3301-728P 551.34
15X10	290-102526 404.44	300-102526 490.72	3301-730P 623.57
15X12	290-102527 462.69	300-102527 551.34	3301-732P 719.79
18	290-102537 871.85	300-102537 1016.37	3301-180P 1447.70
18X2	290-102529 455.55	300-102529 497.66	3301-781P 607.27
18X3	290-102530 469.73	300-102530 510.49	3301-783P 679.51
18X4	290-102531 519.83	300-102531 561.82	3301-784P 723.82
18X6	290-102532 534.98	300-102532 581.61	3301-786P 741.31
18X8	290-102533 557.15	300-102533 606.09	3301-788P 827.55
18X10	290-102534 588.61	300-102534 651.56	3301-790P 904.48



**Tee (Socket) (continued)**

18X12	290-102535 651.56	300-102535 773.96	3301-792P 1016.37
18X15	290-102536 755.30	300-102536 935.96	3301-795P 1183.11
21	290-102558 1608.52	300-102558 1892.93	3301-210P 2157.52
21X2	290-102548 660.44	300-102548 829.88	3301-841P 944.12
21X3	290-102549 676.54	300-102549 835.70	3301-843P 960.47
21X4	290-102550 699.33	300-102550 845.04	3301-844P 1002.41
21X6	290-102551 741.31	300-102551 1024.53	3301-846P 1149.29
21X8	290-102552 791.41	300-102552 1054.84	3301-848P 1197.05
21X10	290-102553 843.86	300-102553 1094.47	3301-850P 1253.02
21X12	290-102554 924.32	300-102554 1104.98	3301-852P 1558.40
21X15	290-102555 1018.72	300-102555 1266.98	3301-855P 1781.03
21X18	290-102556 1188.87	300-102556 1447.70	3301-858P 2031.67
24	290-102570 2196.02	300-102570 2532.84	3301-240P 2588.83
24X2	290-102559 871.85	300-102559 1030.37	3301-901P 1113.11
24X3	290-102560 927.78	300-102560 1086.33	3301-903P 1169.07
24X4	290-102561 980.27	300-102561 1169.07	3301-904P 1253.02
24X6	290-102562 1032.73	300-102562 1253.02	3301-906P 1335.78
24X8	290-102563 1100.32	300-102563 1335.78	3301-908P 1447.70
24X10	290-102564 1132.94	300-102564 1447.70	3301-910P 1558.40
24X12	290-102565 1225.05	300-102565 1558.40	3301-912P 1670.29
24X15	290-102566 1345.06	300-102566 1698.29	3301-915P 1837.01
24X18	290-102567 1531.60	300-102567 1920.90	3301-918P 2087.60
24X21	290-102569 1722.72	300-102569 2058.40	3301-921P 2476.90
27	2901-270 3326.81	3001-270 3941.39	3301-270P 4876.79
27X4	2901-934 1186.14	3001-934 1489.27	3301-934P 1860.13
27X6	2901-936 1251.55	3001-936 1603.40	3301-936P 2004.07
27X8	2901-938 1332.24	3001-938 1716.30	3301-938P 2146.71
27X10	2901-940 1349.89	3001-940 1835.18	3301-940P 2295.26
27X12	2901-942 1483.59	3001-942 1982.66	3301-942P 2478.27
27X15	2901-945 1628.41	3001-945 2182.34	3301-945P 2729.00
27X18	2901-948 1855.27	3001-948 2474.62	3301-948P 3092.68
27X21	2901-951 2087.30	3001-951 2632.73	3301-951P 3290.14
27X24	2901-954 2661.28	3001-954 3250.83	3301-954P 4062.60



**Tee (Gasket x Spigot x Gasket)**

6	290-103062 174.82	300-103062 180.64	3301-060232P 192.74
6X4	290-103061 151.50	300-103061 169.00	3301-532232P 182.11
8	290-103067 221.47	300-103067 241.30	3301-080232P 289.83





**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

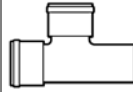
**Tee (Gasket x Spigot x Gasket) (continued)**

8X4	290-103065 186.50	300-103065 205.11	3301-582232P 217.55
8X6	290-103066 209.81	300-103066 216.80	3301-585232P 253.67
10	290-103073 331.03	300-103073 367.17	3301-100232P 434.99
10X4	290-103070 289.06	300-103070 300.71	3301-624232P 314.49
10X6	290-103071 294.86	300-103071 313.52	3301-626232P 349.69
10X8	290-103072 325.18	300-103072 336.85	3301-628232P 380.11
12	290-103080 456.89	300-103080 498.87	3301-120232P 603.18
12X4	290-103076 336.85	300-103076 378.78	3301-664232P 422.02
12X6	290-103077 346.16	300-103077 391.60	3301-666232P 452.80
12X8	290-103078 400.95	300-103078 403.29	3301-668232P 482.73
12X10	290-103079 412.62	300-103079 445.23	3301-670232P 542.97
15	290-103088 729.65	300-103088 902.17	3301-150232P 1081.63
15X4	290-103083 540.83	300-103083 571.10	3301-724232P 751.79
15X6	290-103084 547.56	300-103084 662.05	3301-726232P 799.56
15X8	290-103085 576.94	300-103085 673.71	3301-728232P 829.88
15X10	290-103086 621.22	300-103086 691.21	3301-730232P 871.85
15X12	290-103087 662.05	300-103087 751.79	3301-732232P 927.46
18	290-103097 1163.24	300-103097 1352.07	3301-180232P 1742.56
18X4	290-103091 701.67	300-103091 782.10	3301-784232P 961.59
18X6	290-103092 751.79	300-103092 841.53	3301-786232P 1052.52
18X8	290-103093 768.12	300-103093 949.97	3301-788232P 1142.28
18X10	290-103094 854.38	300-103094 991.91	3301-790232P 1232.03
18X12	290-103095 926.63	300-103095 1052.52	3301-792232P 1292.67
18X15	290-103096 968.59	300-103096 1111.96	3301-795232P 1382.38
21	2901-210232 1831.15	3001-210232 2253.15	3301-210232P 2751.97
21X4	290-103110 1088.68	300-103110 1322.97	3301-844232P 1592.21
21X6	290-103111 1100.32	300-103111 1352.07	3301-846232P 1622.50
21X8	290-103112 1158.59	300-103112 1424.36	3301-848232P 1700.59
21X10	290-103113 1194.72	300-103113 1442.99	3301-850232P 1755.35
21X12	290-103114 1311.32	300-103114 1532.76	3301-852232P 1923.24
21X15	290-103115 1419.71	300-103115 1592.21	3301-855232P 2073.57
21X18	290-103116 1606.19	300-103116 1923.24	3301-858232P 2344.03
24	2901-240232 4106.82	3001-240232 4350.38	3301-240232P 5931.06
24X6	2901-906232 2920.44	3001-906232 3309.15	3301-906232P 4136.48
24X8	2901-908232 3073.54	3001-908232 3431.50	3301-908232P 4350.24
24X10	2901-910232 3230.73	3001-910232 3493.43	3301-910232P 4635.49
24X12	2901-912232 3405.06	3001-912232 3584.90	3301-912232P 4841.15



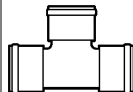
**Tee (Gasket x Spigot x Gasket) (continued)**

24X15	2901-915232 3583.52	3001-915232 3738.26	3301-915232P 5086.01
24X18	2901-918232 3769.05	3001-918232 3921.24	3301-918232P 5330.95
24X21	2901-921232 3968.76	3001-921232 4167.28	3301-921232P 5637.49
27	2901-270232 6177.95	3001-270232 6892.78	3301-270232P 8731.54
27X6	2901-936232 3650.16	3001-936232 4136.36	3301-936232P 5208.48
27X8	2901-938232 3841.47	3001-938232 4350.32	3301-938232P 5453.27
27X10	2901-940232 4038.95	3001-940232 4595.22	3301-940232P 5698.17
27X12	2901-942232 4257.59	3001-942232 4841.19	3301-942232P 5973.87
27X15	2901-945232 4480.97	3001-945232 5086.01	3301-945232P 6189.00
27X18	2901-948232 4712.84	3001-948232 5361.72	3301-948232P 6678.74
27X21	2901-951232 4961.28	3001-951232 5637.61	3301-951232P 7046.03
27X24	2901-954232 5222.72	3001-954232 5882.48	3301-954232P 7444.30



**Tee (Gasketed)**

6	290-103174 174.82	300-103174 180.64	3301-0602P 192.74
6X4	290-103173 151.50	300-103173 169.00	3301-5322P 182.11
8	290-103179 221.47	300-103179 241.30	3301-0802P 289.83
8X4	290-103177 186.50	300-103177 205.11	3301-5822P 217.55
8X6	290-103178 209.81	300-103178 216.80	3301-5852P 253.67
10	290-103185 331.03	300-103185 367.17	3301-1002P 434.99
10X4	290-103182 289.06	300-103182 300.71	3301-6242P 314.49
10X6	290-103183 294.86	300-103183 313.52	3301-6262P 349.69
10X8	290-103184 325.18	300-103184 336.85	3301-6282P 380.11
12	290-103192 456.89	300-103192 498.87	3301-1202P 603.18
12X4	290-103188 336.85	300-103188 378.78	3301-6642P 422.02
12X6	290-103189 346.16	300-103189 391.60	3301-6662P 452.79
12X8	290-103190 400.95	300-103190 403.29	3301-6682P 482.73
12X10	290-103191 412.62	300-103191 445.23	3301-6702P 542.97
15	290-103200 729.65	300-103200 902.17	3301-1502P 1081.63
15X4	290-103195 540.83	300-103195 571.10	3301-7242P 751.79
15X6	290-103196 547.56	300-103196 662.05	3301-7262P 799.56
15X8	290-103197 576.94	300-103197 673.71	3301-7282P 829.88
15X10	290-103198 621.22	300-103198 691.21	3301-7302P 871.85
15X12	290-103199 662.05	300-103199 751.79	3301-7322P 931.31
18	290-103209 1163.24	300-103209 1352.07	3301-1802P 1742.56
18X4	290-103203 701.67	300-103203 782.10	3301-7842P 961.59
18X6	290-103204 751.79	300-103204 841.53	3301-7862P 1052.52
18X8	290-103205 768.12	300-103205 949.97	3301-7882P 1142.28



**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Tee (Gasketed) (continued)**

	<b>18X10</b>	290-103206 <b>854.38</b>	300-103206 <b>991.91</b>	3301-7902P <b>1232.03</b>
		290-103207 <b>926.63</b>	300-103207 <b>1052.52</b>	3301-7922P <b>1292.67</b>
	<b>18X12</b>	290-103208 <b>968.59</b>	300-103208 <b>1111.96</b>	3301-7952P <b>1382.38</b>
	<b>21</b>	290-103230 <b>1831.15</b>	300-103230 <b>2253.15</b>	3301-2102P <b>2751.97</b>
	<b>21X4</b>	290-103222 <b>1088.68</b>	300-103222 <b>1322.97</b>	3301-8442P <b>1592.21</b>
	<b>21X6</b>	290-103223 <b>1100.32</b>	300-103223 <b>1352.07</b>	3301-8462P <b>1622.50</b>
	<b>21X8</b>	290-103224 <b>1158.59</b>	300-103224 <b>1424.36</b>	3301-8482P <b>1700.59</b>
	<b>21X10</b>	290-103225 <b>1194.72</b>	300-103225 <b>1442.99</b>	3301-8502P <b>1755.35</b>
	<b>21X12</b>	290-103226 <b>1311.32</b>	300-103226 <b>1532.76</b>	3301-8522P <b>1923.24</b>
	<b>21X15</b>	290-103227 <b>1419.71</b>	300-103227 <b>1592.21</b>	3301-8552P <b>2073.57</b>
	<b>21X18</b>	290-103228 <b>1606.19</b>	300-103228 <b>1923.24</b>	3301-8582P <b>2344.03</b>
	<b>24</b>	2901-2402 <b>4106.82</b>	3001-2402 <b>4350.38</b>	3301-2402P <b>5931.06</b>
	<b>24X6</b>	2901-9062 <b>2920.44</b>	3001-9062 <b>3309.15</b>	3301-9062P <b>4136.48</b>
	<b>24X8</b>	2901-9082 <b>3073.54</b>	3001-9082 <b>3431.50</b>	3301-9082P <b>4350.24</b>
	<b>24X10</b>	2901-9102 <b>3230.73</b>	3001-9102 <b>3493.43</b>	3301-9102P <b>4635.49</b>
	<b>24X12</b>	2901-9122 <b>3405.06</b>	3001-9122 <b>3584.90</b>	3301-9122P <b>4841.15</b>
	<b>24X15</b>	2901-9152 <b>3583.52</b>	3001-9152 <b>3738.26</b>	3301-9152P <b>5086.01</b>
	<b>24X18</b>	2901-9182 <b>3769.05</b>	3001-9182 <b>3921.24</b>	3301-9182P <b>5330.95</b>
	<b>24X21</b>	2901-9212 <b>3968.76</b>	3001-9212 <b>4167.28</b>	3301-9212P <b>5637.49</b>
	<b>27</b>	2901-2702 <b>6177.95</b>	3001-2702 <b>6892.78</b>	3301-2702P <b>8731.54</b>
	<b>27X6</b>	2901-9362 <b>3650.16</b>	3001-9362 <b>4136.36</b>	3301-9362P <b>5208.48</b>
	<b>27X8</b>	2901-9382 <b>3841.47</b>	3001-9382 <b>4350.32</b>	3301-9382P <b>5453.27</b>
	<b>27X10</b>	2901-9402 <b>4038.95</b>	3001-9402 <b>4595.22</b>	3301-9402P <b>5698.17</b>
	<b>27X12</b>	2901-9422 <b>4257.59</b>	3001-9422 <b>4841.19</b>	3301-9422P <b>5973.87</b>
	<b>27X15</b>	2901-9452 <b>4480.97</b>	3001-9452 <b>5086.01</b>	3301-9452P <b>6189.00</b>
	<b>27X18</b>	2901-9482 <b>4712.84</b>	3001-9482 <b>5361.72</b>	3301-9482P <b>6678.74</b>
	<b>27X21</b>	2901-9512 <b>4961.28</b>	3001-9512 <b>5637.61</b>	3301-9512P <b>7046.03</b>
	<b>27X24</b>	2901-9542 <b>5222.72</b>	3001-9542 <b>5882.48</b>	3301-9542P <b>7444.30</b>

**Reinforced Tee (Soc x Soc x Fipt)**

	<b>6X2</b>	---	300-202152 <b>71.51</b>	3302-528P <b>108.81</b>
	<b>6X3</b>	---	300-202154 <b>78.05</b>	3302-530P <b>124.68</b>
	<b>6X4</b>	---	300-202155 <b>87.40</b>	3302-532P <b>128.20</b>
	<b>8X2</b>	---	300-202157 <b>108.39</b>	3302-578P <b>176.11</b>
	<b>8X3</b>	---	300-202159 <b>114.19</b>	3302-580P <b>188.05</b>
	<b>8X4</b>	---	300-202160 <b>123.54</b>	3302-582P <b>159.46</b>
	<b>10X2</b>	---	300-202162 <b>148.04</b>	3302-621P <b>198.81</b>
	<b>10X3</b>	---	300-202164 <b>181.80</b>	3302-623P <b>246.26</b>

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reinforced Tee (Soc x Soc x Fipt) (continued)**

	<b>10X4</b>	---	300-202165 <b>194.65</b>	3302-624P <b>242.32</b>
	<b>12X2</b>	---	300-202167 <b>226.11</b>	3302-661P <b>244.70</b>
	<b>12X3</b>	---	300-202169 <b>250.56</b>	3302-663P <b>268.99</b>
	<b>12X4</b>	---	300-202170 <b>286.71</b>	3302-664P <b>314.82</b>
	<b>15X2</b>	---	300-202172 <b>372.67</b>	3302-721P <b>431.23</b>
	<b>15X3</b>	---	300-202174 <b>396.43</b>	3302-723P <b>454.57</b>
	<b>15X4</b>	---	300-202175 <b>425.13</b>	3302-724P <b>466.26</b>

**Reinforced Tee (Soc x Spig x Fipt)**

	<b>6X2</b>	---	300-202222 <b>59.45</b>	---
	<b>6X3</b>	---	300-202224 <b>69.93</b>	---
	<b>6X4</b>	---	300-202225 <b>81.56</b>	---
	<b>8X2</b>	---	300-202227 <b>95.56</b>	---
	<b>8X3</b>	---	300-202229 <b>104.89</b>	---
	<b>8X4</b>	---	300-202230 <b>114.19</b>	---
	<b>10X2</b>	---	300-202232 <b>142.13</b>	---
	<b>10X3</b>	---	300-202234 <b>173.68</b>	---
	<b>10X4</b>	---	300-202235 <b>184.15</b>	---
	<b>12X2</b>	---	300-202237 <b>212.11</b>	---
	<b>12X3</b>	---	300-202239 <b>242.41</b>	---
	<b>12X4</b>	---	300-202240 <b>276.24</b>	---
	<b>15X2</b>	---	300-202242 <b>370.63</b>	3302-72113P <b>419.61</b>
	<b>15X3</b>	---	300-202244 <b>392.79</b>	3302-72313P <b>448.76</b>
	<b>15X4</b>	---	300-202245 <b>418.41</b>	3302-72413P <b>460.38</b>

**Reinforced Tee (Gasket x Spig x Fipt)**

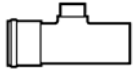
	<b>6X2</b>	---	300-202362 <b>102.54</b>	---
	<b>6X3</b>	---	300-202364 <b>132.86</b>	---
	<b>6X4</b>	---	300-202365 <b>138.71</b>	---
	<b>8X2</b>	---	300-202367 <b>144.52</b>	---
	<b>8X3</b>	---	300-202369 <b>169.00</b>	---
	<b>8X4</b>	---	300-202370 <b>186.50</b>	---
	<b>10X2</b>	---	300-202372 <b>216.80</b>	---
	<b>10X3</b>	---	300-202374 <b>228.43</b>	---
	<b>10X4</b>	---	300-202375 <b>237.74</b>	---
	<b>12X2</b>	---	300-202377 <b>300.71</b>	---
	<b>12X3</b>	---	300-202379 <b>325.18</b>	---
	<b>12X4</b>	---	300-202380 <b>336.85</b>	---
	<b>15X2</b>	---	300-202382 <b>420.77</b>	3302-72123P <b>512.57</b>
	<b>15X3</b>	---	300-202384 <b>445.23</b>	3302-72323P <b>549.33</b>



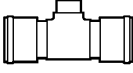
**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

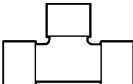
**Reinforced Tee (Gasket x Spig x Fipt) (continued)**

	<b>15X4</b>	---	300-202385 <b>481.37</b>	3302-72423P <b>598.96</b>
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**Reinforced Tee (Gasket x Fipt)**

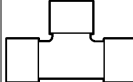
	<b>6X2</b>	---	300-202432 <b>108.39</b>	---
	<b>6X3</b>	---	300-202434 <b>132.86</b>	---
	<b>6X4</b>	---	300-202435 <b>144.52</b>	---
	<b>8X2</b>	---	300-202437 <b>163.16</b>	---
	<b>8X3</b>	---	300-202439 <b>178.33</b>	---
	<b>8X4</b>	---	300-202440 <b>192.30</b>	---
	<b>10X2</b>	---	300-202442 <b>235.41</b>	---
	<b>10X3</b>	---	300-202444 <b>258.73</b>	---
	<b>10X4</b>	---	300-202445 <b>277.37</b>	---
	<b>12X2</b>	---	300-202447 <b>331.03</b>	---
	<b>12X3</b>	---	300-202449 <b>348.48</b>	---
	<b>12X4</b>	---	300-202450 <b>373.00</b>	---
	<b>15X2</b>	---	300-202452 <b>481.37</b>	3302-7212P <b>588.15</b>
	<b>15X3</b>	---	300-202454 <b>498.87</b>	3302-7232P <b>639.05</b>
	<b>15X4</b>	---	300-202455 <b>523.36</b>	3302-7242P <b>672.05</b>

**PIP X IPS Tee (Socket)**

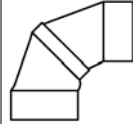
	<b>6</b>	2901-060PXI <b>79.97</b>	3001-060PXI <b>101.79</b>	3301-060PXI <b>102.34</b>
	<b>8</b>	2901-080PXI <b>146.71</b>	3001-080PXI <b>204.52</b>	3301-080PXI <b>205.17</b>
	<b>8X6</b>	2901-585PXI <b>102.95</b>	3001-585PXI <b>123.54</b>	3301-585PXI <b>159.79</b>
	<b>10</b>	2901-100PXI <b>199.38</b>	3001-100PXI <b>241.30</b>	3301-100PXI <b>306.26</b>
	<b>10X6</b>	2901-626PXI <b>141.31</b>	300-102821 <b>157.34</b>	3301-626PXI <b>218.76</b>
	<b>10X8</b>	2901-628PXI <b>163.26</b>	3001-628PXI <b>322.99</b>	3301-628PXI <b>271.30</b>
	<b>12</b>	2901-120PXI <b>300.71</b>	3001-120PXI <b>384.60</b>	3301-120PXI <b>452.63</b>
	<b>12X6</b>	2901-666PXI <b>238.96</b>	300-102599 <b>245.90</b>	3301-666PXI <b>318.47</b>
	<b>12X8</b>	2901-668PXI <b>222.40</b>	300-102607 <b>290.21</b>	3301-668PXI <b>377.01</b>
	<b>12X10</b>	2901-670PXI <b>272.73</b>	3001-670PXI <b>334.50</b>	3301-670PXI <b>418.29</b>
	<b>15X6</b>	2901-726PXI <b>290.31</b>	300-102708 <b>370.63</b>	3301-726PXI <b>450.31</b>
	<b>15X8</b>	2901-728PXI <b>335.24</b>	300-102709 <b>467.53</b>	3301-728PXI <b>518.26</b>
	<b>15X10</b>	2901-730PXI <b>380.17</b>	3001-730PXI <b>490.72</b>	3301-730PXI <b>586.16</b>
	<b>15X12</b>	2901-732PXI <b>434.93</b>	300-102817 <b>551.34</b>	3301-732PXI <b>676.60</b>
	<b>18X6</b>	2901-786PXI <b>502.88</b>	3001-786PXI <b>581.61</b>	3301-786PXI <b>696.83</b>
<b>18X8</b>	2901-788PXI <b>523.72</b>	3001-788PXI <b>606.09</b>	3301-788PXI <b>777.90</b>	
<b>18X10</b>	2901-790PXI <b>588.61</b>	3001-790PXI <b>651.56</b>	3301-790PXI <b>850.21</b>	

Size	80 PIP	100 PIP	125 PIP
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

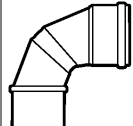
**PIP X IPS Tee (Socket) (continued)**

	<b>18X12</b>	2901-792PXI <b>651.56</b>	3001-792PXI <b>773.96</b>	3301-792PXI <b>955.39</b>
	<b>21X6</b>	2901-846PXI <b>741.31</b>	3001-846PXI <b>1024.18</b>	3301-846PXI <b>1080.33</b>
	<b>21X8</b>	2901-848PXI <b>743.93</b>	3001-848PXI <b>1054.84</b>	3301-848PXI <b>1125.23</b>
	<b>21X10</b>	2901-850PXI <b>843.86</b>	3001-850PXI <b>1094.47</b>	3301-850PXI <b>1177.84</b>
	<b>21X12</b>	2901-852PXI <b>868.86</b>	3001-852PXI <b>1104.98</b>	3301-852PXI <b>1464.90</b>
	<b>24X6</b>	2901-906PXI <b>1032.73</b>	3001-906PXI <b>1253.02</b>	3301-906PXI <b>1255.63</b>
	<b>24X8</b>	2901-908PXI <b>1100.32</b>	3001-908PXI <b>1335.78</b>	3301-908PXI <b>1360.84</b>
	<b>24X10</b>	2901-910PXI <b>1132.94</b>	3001-910PXI <b>1447.70</b>	3301-910PXI <b>1464.90</b>
	<b>24X12</b>	2901-912PXI <b>1151.55</b>	3001-912PXI <b>1558.40</b>	3301-912PXI <b>1570.07</b>

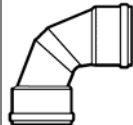
**90° Elbow (Socket)**

	<b>6</b>	290-100812 <b>115.39</b>	300-100812 <b>135.21</b>	3306-060P <b>167.63</b>
	<b>8</b>	290-100813 <b>156.18</b>	300-100813 <b>213.32</b>	3306-080P <b>243.24</b>
	<b>10</b>	290-100814 <b>256.43</b>	300-100814 <b>300.71</b>	3306-100P <b>335.67</b>
	<b>12</b>	290-100815 <b>329.81</b>	300-100815 <b>421.90</b>	3306-120P <b>436.69</b>
	<b>15</b>	290-100816 <b>550.16</b>	300-100816 <b>653.90</b>	3306-150P <b>748.30</b>
	<b>18</b>	290-100817 <b>827.55</b>	300-100817 <b>974.39</b>	3306-180P <b>1280.97</b>
	<b>21</b>	290-100819 <b>1294.96</b>	300-100819 <b>1570.04</b>	3306-210P <b>1929.07</b>
	<b>24</b>	290-100820 <b>2894.21</b>	300-100820 <b>3451.37</b>	3306-240P <b>3635.49</b>
	<b>27</b>	2906-270 <b>3083.16</b>	3006-270 <b>3660.88</b>	3306-270P <b>4047.28</b>

**90° Elbow (Gasket x Spigot)**

	<b>6</b>	290-100878 <b>139.82</b>	300-100878 <b>151.50</b>	3306-06023P <b>222.98</b>
	<b>8</b>	290-100879 <b>221.47</b>	300-100879 <b>242.41</b>	3306-08023P <b>289.70</b>
	<b>10</b>	290-100880 <b>329.81</b>	300-100880 <b>374.12</b>	3306-10023P <b>447.49</b>
	<b>12</b>	290-100881 <b>448.76</b>	300-100881 <b>531.50</b>	3306-12023P <b>643.82</b>
	<b>15</b>	290-100882 <b>860.21</b>	300-100882 <b>1086.33</b>	3306-15023P <b>1225.05</b>
	<b>18</b>	290-100883 <b>1442.99</b>	300-100883 <b>1670.29</b>	3306-18023P <b>1698.29</b>
	<b>21</b>	290-100885 <b>2091.09</b>	300-100885 <b>2507.23</b>	3306-21023P <b>3028.27</b>
	<b>24</b>	2906-24023 <b>3337.52</b>	3006-24023 <b>3792.89</b>	3306-24023P <b>4742.61</b>
	<b>27</b>	2906-27023 <b>4528.65</b>	3006-27023 <b>5245.46</b>	3306-27023P <b>6235.45</b>

**90° Elbow (Gasketed)**

	<b>6</b>	290-100900 <b>139.82</b>	300-100900 <b>151.50</b>	3306-0602P <b>222.98</b>
	<b>8</b>	290-100901 <b>221.47</b>	300-100901 <b>242.41</b>	3306-0802P <b>289.70</b>
	<b>10</b>	290-100902 <b>329.81</b>	300-100902 <b>374.12</b>	3306-1002P <b>447.49</b>
	<b>12</b>	290-100903 <b>448.76</b>	300-100903 <b>531.50</b>	3306-1202P <b>643.82</b>
	<b>15</b>	290-100904 <b>860.21</b>	300-100904 <b>1086.33</b>	3306-1502P <b>1225.05</b>
	<b>18</b>	290-100905 <b>1442.99</b>	300-100905 <b>1670.29</b>	3306-1802P <b>1698.29</b>
	<b>21</b>	290-100907 <b>2091.09</b>	300-100907 <b>2507.23</b>	3306-2102P <b>3028.27</b>
	<b>24</b>	2906-2402 <b>3337.52</b>	3006-2402 <b>3792.89</b>	3306-2402P <b>4742.61</b>



**Fabricated Fittings**  
**PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**90° Elbow (Gasketed) (continued)**

	27	2906-2702 4528.65	3006-2702 5245.46	3306-2702P 6235.45
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**11-1/4° Elbow (Socket)**

	6	290-100114 31.49	300-100114 37.27	3311-060P 46.14
	8	290-100115 51.24	300-100115 55.91	3311-080P 68.67
	10	290-100116 92.03	300-100116 106.05	3311-100P 133.02
	12	290-100117 130.50	300-100117 148.04	3311-120P 183.07
	15	290-100118 202.80	300-100118 248.23	3311-150P 322.86
	18	290-100119 348.48	300-100119 412.62	3311-180P 512.86
	21	290-100121 581.61	300-100121 663.19	3311-210P 863.71
	24	290-100122 782.10	300-100122 863.71	3311-240P 932.46
	27	2911-270 980.55	3011-270 1047.29	3311-270P 1362.20

**11-1/4° Elbow (Gasket x Spigot)**

	6	290-100186 93.23	300-100186 114.19	3311-06023P 132.99
	8	290-100187 151.50	300-100187 169.00	3311-08023P 197.91
	10	290-100188 227.28	300-100188 250.56	3311-10023P 290.39
	12	290-100189 308.84	300-100189 361.32	3311-12023P 419.88
	15	290-100190 544.33	300-100190 596.76	3311-15023P 706.35
	18	290-100191 862.52	300-100191 988.41	3311-18023P 1174.93
	21	290-100193 1273.97	300-100193 1370.76	3311-21023P 1782.19
	24	2911-24023 2108.47	3011-24023 2386.01	3311-24023P 2995.09
	27	2911-27023 2727.97	3011-27023 3085.71	3311-27023P 3729.26

**11-1/4° Elbow (Gasketed)**

	6	290-100210 93.23	300-100210 114.19	3311-0602P 132.99
	8	290-100211 151.50	300-100211 169.00	3311-0802P 197.91
	10	290-100212 227.28	300-100212 250.56	3311-1002P 290.39
	12	290-100213 308.84	300-100213 361.32	3311-1202P 419.88
	15	290-100214 544.33	300-100214 596.76	3311-1502P 706.35
	18	290-100215 862.52	300-100215 988.41	3311-1802P 1174.93
	21	290-100217 1273.97	300-100217 1370.76	3311-2102P 1782.19
	24	2911-2402 2108.47	3011-2402 2386.01	3311-2402P 2995.09
	27	2911-2702 2727.97	3011-2702 3085.71	3311-2702P 3729.26

**15° Elbow (Socket)**

	6	290-100234 31.49	300-100234 37.27	3318-060P 46.14
	8	290-100235 51.24	300-100235 55.91	3318-080P 68.67
	10	290-100236 92.03	300-100236 106.05	3318-100P 133.02
	12	290-100237 130.50	300-100237 148.04	3318-120P 183.07

Size	80 PSI	100 PSI	125 PIP
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**15° Elbow (Socket) (continued)**

	15	290-100238 202.80	300-100238 248.23	3318-150P 322.86
	18	290-100239 348.48	300-100239 412.62	3318-180P 512.86
	21	290-100241 581.61	300-100241 663.19	3318-210P 863.71
	24	290-100242 782.10	300-100242 863.71	3318-240P 932.46
	27	2918-270 980.55	3018-270 1047.29	3318-270P 1362.20

**15° Elbow (Gasket x Spigot)**

	6	290-100306 93.23	300-100306 114.19	3318-06023P 132.99
	8	290-100307 151.50	300-100307 169.00	3318-08023P 197.91
	10	290-100308 227.28	300-100308 250.56	3318-10023P 290.39
	12	290-100309 308.84	300-100309 361.32	3318-12023P 419.88
	15	290-100310 544.33	300-100310 596.76	3318-15023P 706.35
	18	290-100311 862.52	300-100311 988.41	3318-18023P 1174.93
	21	290-100313 1273.97	300-100313 1370.76	3318-21023P 1782.19
	24	2918-24023 2108.47	3018-24023 2386.01	3318-24023P 2995.09
	27	2918-27023 2727.97	3018-27023 3085.71	3318-27023P 3729.26

**15° Elbow (Gasketed)**

	6	290-100330 93.23	300-100330 114.19	3318-0602P 132.99
	8	290-100331 151.50	300-100331 169.00	3318-0802P 197.91
	10	290-100332 227.28	300-100332 250.56	3318-1002P 290.39
	12	290-100333 308.84	300-100333 361.32	3318-1202P 419.88
	15	290-100334 544.33	300-100334 596.76	3318-1502P 706.35
	18	290-100335 862.52	300-100335 988.41	3318-1802P 1174.93
	21	290-100336 1274.01	300-100336 1370.76	3318-2102P 1782.19
	24	2918-2402 2108.47	3018-2402 2386.01	3318-2402P 2995.09
	27	2918-2702 2727.97	3018-2702 3085.71	3318-2702P 3729.26

**22-1/2° Elbow (Socket)**

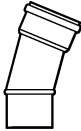
	6	290-100354 31.49	300-100354 37.27	3316-060P 46.14
	8	290-100355 51.24	300-100355 55.91	3316-080P 68.10
	10	290-100356 92.03	300-100356 106.05	3316-100P 133.02
	12	290-100357 130.50	300-100357 148.04	3316-120P 183.07
	15	290-100358 202.80	300-100358 248.23	3316-150P 322.86
	18	290-100359 348.48	300-100359 412.62	3316-180P 512.86
	21	290-100361 581.61	300-100361 663.19	3316-210P 863.71
	24	290-100362 782.10	300-100362 863.71	3316-240P 932.46
	27	2916-270 980.55	3016-270 1047.29	3316-270P 1362.20




**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

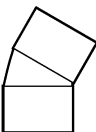
**22-1/2° Elbow (Gasket x Spigot)**

	6	290-100426 93.23	300-100426 114.19	3316-06023P 132.99
	8	290-100427 151.50	300-100427 169.00	3316-08023P 197.91
	10	290-100428 227.28	300-100428 250.56	3316-10023P 290.39
	12	290-100429 308.84	300-100429 361.32	3316-12023P 419.88
	15	290-100430 544.33	300-100430 596.76	3316-15023P 706.35
	18	290-100431 862.52	300-100431 988.41	3316-18023P 1174.93
	21	290-100433 1273.97	300-100433 1370.76	3316-21023P 1782.19
	24	2916-24023 2108.47	3016-24023 2386.01	3316-24023P 2995.09
	27	2916-27023 2727.97	3016-27023 3085.71	3316-27023P 3729.26


**22-1/2° Elbow (Gasketed)**

	6	290-100450 93.23	300-100450 114.19	3316-0602P 132.99
	8	290-100451 151.50	300-100451 169.00	3316-0802P 197.91
	10	290-100452 227.28	300-100452 250.56	3316-1002P 290.39
	12	290-100453 308.84	300-100453 361.32	3316-1202P 419.88
	15	290-100454 544.33	300-100454 596.76	3316-1502P 706.35
	18	290-100455 862.52	300-100455 988.41	3316-1802P 1174.93
	21	290-100457 1273.97	300-100457 1370.76	3316-2102P 1782.19
	24	2916-2402 2108.47	3016-2402 2386.01	3316-2402P 2995.09
	27	2916-2702 2727.97	3016-2702 3085.71	3316-2702P 3729.26

**30° Elbow (Socket)**


	6	290-100474 47.76	300-100474 50.12	3315-060P 64.11
	8	290-100475 72.29	300-100475 87.40	3315-080P 108.22
	10	290-100476 111.84	300-100476 131.69	3315-100P 163.80
	12	290-100477 160.81	300-100477 195.81	3315-120P 217.18
	15	290-100478 254.07	300-100478 304.21	3315-150P 376.46
	18	290-100479 414.94	300-100479 507.02	3315-180P 635.22
	21	290-100481 671.38	300-100481 818.27	3315-210P 1030.37
	24	290-100482 1915.10	300-100482 2226.30	3315-240P 2337.04
	27	2915-270 2110.82	3015-270 2374.79	3315-270P 2616.14

**30° Elbow (Gasket x Spigot)**


	6	290-100546 116.52	300-100546 134.04	3315-06023P 160.05
	8	290-100547 174.82	300-100547 189.97	3315-08023P 225.86
	10	290-100548 245.90	300-100548 272.73	3315-10023P 319.40
	12	290-100549 331.03	300-100549 388.14	3315-12023P 456.13
	15	290-100550 673.71	300-100550 785.61	3315-15023P 877.67
	18	290-100551 946.44	300-100551 1113.11	3315-18023P 1391.68
	21	290-100553 1410.36	300-100553 1204.94	3315-21023P 1981.52
	24	2915-24023 2262.72	3015-24023 3102.89	3315-24023P 3214.02

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each


**30° Elbow (Gasket x Spigot) (continued)**

	27	2915-27023 3057.07	3015-27023 3567.53	3315-27023P 4177.83
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**30° Elbow (Gasketed)**

	6	290-100570 116.52	300-100570 134.04	3315-0602P 160.05
	8	290-100571 174.82	300-100571 189.97	3315-0802P 225.86
	10	290-100572 245.90	300-100572 272.73	3315-1002P 319.40
	12	290-100573 331.03	300-100573 388.14	3315-1202P 456.13
	15	290-100574 673.71	300-100574 785.61	3315-1502P 877.67
	18	290-100575 946.44	300-100575 1113.11	3315-1802P 1391.68
	21	290-100577 1410.36	300-100577 1204.94	3315-2102P 1981.52
	24	2915-2402 2262.97	3015-2402 3102.89	3315-2402P 3214.02
	27	2915-2702 3057.07	3015-2702 3567.53	3315-2702P 4177.83

**45° Elbow (Socket)**

	6	290-100592 47.76	300-100592 50.12	3317-060P 64.13
	8	290-100593 72.29	300-100593 87.40	3317-080P 108.22
	10	290-100594 111.84	300-100594 131.69	3317-100P 163.80
	12	290-100595 160.81	300-100595 195.81	3317-120P 217.18
	15	290-100596 254.07	300-100596 304.21	3317-150P 376.46
	18	290-100597 414.94	300-100597 507.02	3317-180P 635.22
	21	290-100599 671.38	300-100599 818.27	3317-210P 1030.37
	24	290-100600 1915.10	300-100600 2226.30	3317-240P 2337.04
	27	2917-270 2110.82	3017-270 2374.79	3317-270P 2616.14

**45° Elbow (Gasket x Spigot)**

	6	290-100658 116.52	300-100658 134.04	3317-06023P 160.05
	8	290-100659 174.82	300-100659 189.97	3317-08023P 225.86
	10	290-100660 245.90	300-100660 272.73	3317-10023P 319.40
	12	290-100661 331.03	300-100661 388.14	3317-12023P 456.13
	15	290-100662 673.71	300-100662 785.61	3317-15023P 877.67
	18	290-100663 946.44	300-100663 1113.11	3317-18023P 1391.68
	21	290-100665 1410.36	300-100665 1204.94	3317-21023P 1981.52
	24	2917-24023 2262.97	3017-24023 3102.89	3317-24023P 3214.02
	27	2917-27023 3057.07	3017-27023 3567.53	3317-27023P 4177.83

**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**45° Elbow (Gasketed) (continued)**

	15	290-100684 673.71	300-100684 785.61	3317-1502P 877.67
	18	290-100685 946.44	300-100685 1113.11	3317-1802P 1391.68
	21	290-100687 1410.36	300-100687 1677.31	3317-2102P 1981.52
	24	2917-2402 2262.97	3017-2402 3102.89	3317-2402P 3214.02
	27	2917-2702 3057.07	3017-2702 3567.53	3317-2702P 4177.83

**60° Elbow (Socket)**

	6	290-100702 115.39	300-100702 135.21	3324-060P 167.63
	8	290-100703 156.18	300-100703 213.32	3324-080P 243.21
	10	290-100704 256.43	300-100704 300.71	3324-100P 335.67
	12	290-100705 329.81	300-100705 421.90	3324-120P 436.69
	15	290-100706 550.16	300-100706 653.90	3324-150P 748.30
	18	290-100707 827.55	300-100707 974.39	3324-180P 1280.97
	21	290-100709 1294.96	300-100709 1570.04	3324-210P 1929.07
	24	290-100710 2894.21	300-100710 3451.37	3324-240P 3635.49
	27	2924-270 3083.16	3024-270 3660.88	3324-270P 4047.28

**60° Elbow (Gasket x Spigot)**

	6	290-100768 139.82	300-100768 151.50	3324-06023P 222.98
	8	290-100769 221.47	300-100769 242.41	3324-08023P 289.70
	10	290-100770 329.81	300-100770 374.12	3324-10023P 447.49
	12	290-100771 448.76	300-100771 531.50	3324-12023P 643.82
	15	290-100772 860.21	300-100772 1086.33	3324-15023P 1225.05
	18	290-100773 1442.99	300-100773 1670.29	3324-18023P 1698.29
	21	290-100775 2091.09	300-100775 2507.23	3324-21023P 3028.27
	24	2924-24023 3337.52	3024-24023 3792.89	3324-24023P 4742.61
	27	2924-27023 4528.65	3024-27023 5245.46	3324-27023P 6235.45

**60° Elbow (Gasketed)**

	6	290-100790 139.82	300-100790 151.50	3324-0602P 222.98
	8	290-100791 221.47	300-100791 242.41	3324-0802P 289.70
	10	290-100792 329.81	300-100792 374.12	3324-1002P 447.49
	12	290-100793 448.76	300-100793 531.50	3324-1202P 643.82
	15	290-100794 860.21	300-100794 1086.33	3324-1502P 1225.05
	18	290-100795 1442.99	300-100795 1670.29	3324-1802P 1698.29
	21	290-100797 2091.09	300-100797 2507.23	3324-2102P 3028.27
	24	2924-2402 3337.52	3024-2402 3792.89	3324-2402P 4742.61
	27	2924-2702 4528.65	3024-2702 5245.46	3324-2702P 6235.45

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Repair Coupling (Gasketed)**

	6	2928-060 93.33	3028-060 106.05	3328-060P 121.20
	8	2928-080 130.74	3028-080 150.33	3328-080P 180.61
	10	2928-100 225.70	3028-100 241.30	3328-100P 284.61
	12	2928-120 314.82	3028-120 331.03	3328-120P 394.11
	15	2928-150 469.73	3028-150 493.07	3328-150P 596.76
	18	2928-180 782.63	3028-180 902.17	3328-180P 1242.34
	21	2928-210 1081.41	3028-210 1298.29	3328-210P 1745.67
	24	2928-240 1499.19	3028-240 1800.18	3328-240P 2441.62
	27	2928-270 1919.96	3028-270 2396.76	3328-270P 3051.06

**Coupling (Socket)**

	6	290-100002 27.97	300-100002 31.49	3329-060P 41.72
	8	290-100003 34.95	300-100003 43.09	3329-080P 53.06
	10	290-100004 58.26	300-100004 68.77	3329-100P 84.90
	12	290-100005 87.40	300-100005 106.05	3329-120P 137.84
	15	290-100006 132.86	300-100006 181.80	3329-150P 207.09
	18	290-100007 304.21	300-100007 382.32	3329-180P 466.16
	21	290-100009 404.44	300-100009 667.88	3329-210P 754.06
	24	290-100010 709.81	300-100010 890.49	3329-240P 906.89
	27	2929-270 860.47	3029-270 1072.06	3329-270P 1656.01

**Coupling (Gasket x Spigot)**

	6	290-100068 58.26	300-100068 61.76	3329-06023P 77.28
	8	290-100069 88.54	300-100069 95.56	3329-08023P 122.33
	10	290-100070 131.69	300-100070 139.82	3329-10023P 181.67
	12	290-100071 161.98	300-100071 189.97	3329-12023P 238.44
	15	290-100072 250.56	300-100072 378.78	3329-15023P 440.60
	18	290-100073 420.77	300-100073 512.86	3329-18023P 579.71
	21	290-100075 615.44	300-100075 796.09	3329-21023P 883.44
	24	2929-24023 751.79	3029-24023 1001.20	3329-24023P 1251.02
	27	2929-27023 976.24	3029-27023 1220.16	3329-27023P 1525.47

**Coupling (Gasketed)**

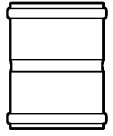
	6	290-100090 69.93	300-100090 78.05	3329-0602P 101.00
	8	290-100091 128.20	300-100091 144.67	3329-0802P 165.89
	10	290-100092 164.06	300-100092 184.15	3329-1002P 243.90
	12	290-100093 206.32	300-100093 269.50	3329-1202P 271.30
	15	290-100094 332.16	300-100094 495.35	3329-1502P 515.15
	18	290-100095 554.80	300-100095 585.14	3329-1802P 731.55
	21	290-100097 693.52	300-100097 946.44	3329-2102P 1076.74
	24	2929-2402 1164.46	3029-2402 1259.88	3329-2402P 1512.11



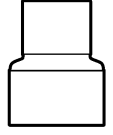
**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Coupling (Gasketed) (continued)**

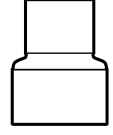
	27	2929-2702 1341.97	3029-2702 1574.85	3329-2702P 1969.46
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**Reducer Coupling (Socket)**

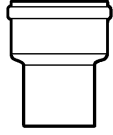
	6X4	2929-532 34.43	3029-532 38.46	3329-532P 41.01
	8X4	2929-582 97.90	300-100927 105.04	3329-582P 122.21
	8X6	2929-585 50.97	300-100928 59.45	3329-585P 68.91
	10X4	2929-624 134.67	3029-624 156.16	3329-624P 171.61
	10X6	2929-626 111.35	300-100930 122.33	3329-626P 120.19
	10X8	2929-628 70.01	300-100931 81.56	3329-628P 152.40
	12X4	2929-664 193.29	3029-664 201.60	3329-664P 293.97
	12X6	2929-666 177.23	300-100933 188.83	3329-666P 272.28
	12X8	2929-668 123.50	300-100934 130.90	3329-668P 238.33
	12X10	2929-670 101.99	300-100935 117.71	3329-670P 224.84
	15X4	2929-724 416.74	3029-724 445.93	3329-724P 528.50
	15X6	2929-726 393.99	3029-726 421.57	3329-726P 458.72
	15X8	2929-728 369.74	3029-728 399.33	3329-728P 430.37
	15X10	2929-730 255.10	3029-730 319.35	3329-730P 347.36
	15X12	2929-732 164.67	300-100940 189.97	3329-732P 327.71
	18X4	2929-784 810.98	3029-784 910.67	3329-784P 964.51
	18X6	2929-786 844.62	3029-786 891.07	3329-786P 944.44
	18X8	2929-788 778.60	3029-788 825.32	3329-788P 883.10
	18X10	2929-790 501.05	3029-790 540.24	3329-790P 610.51
	18X12	2929-792 491.19	3029-792 507.46	3329-792P 575.36
	18X15	2929-795 295.17	300-100946 346.16	3329-795P 420.77
	21X4	2929-844 1030.07	3029-844 1085.69	3329-844P 1172.56
	21X6	2929-846 986.80	3029-846 1046.00	3329-846P 1114.00
	21X8	2929-848 823.57	3029-848 865.10	3329-848P 887.83
	21X10	2929-850 762.90	3029-850 805.63	3329-850P 832.93
	21X12	2929-852 768.18	3029-852 737.81	3329-852P 782.09
	21X15	2929-855 676.36	3029-855 716.86	3329-855P 859.59
	21X18	2929-858 407.12	300-100960 476.70	3329-858P 597.97
24X6	2929-906 1633.93	3029-906 1742.51	3329-906P 1899.33	
24X8	2929-908 1550.21	3029-908 1625.68	3329-908P 1714.55	
24X10	2929-910 1475.67	3029-910 1555.35	3329-910P 1670.10	
24X12	2929-912 1291.64	3029-912 1368.78	3329-912P 1461.85	
24X15	2929-915 939.70	3029-915 1014.88	3329-915P 1027.45	

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Socket) (continued)**

	24X18	2929-918 891.66	3029-918 954.07	3329-918P 1018.56
	24X21	2929-921 603.54	300-100969 701.67	3329-921P 853.19
	27X6	2929-936 2124.46	3029-936 2267.99	3329-936P 2449.44
	27X8	2929-938 1976.05	3029-938 2144.91	3329-938P 2290.47
	27X10	2929-940 1852.65	3029-940 1973.84	3329-940P 2109.94
	27X12	2929-942 1740.57	3029-942 1845.01	3329-942P 1992.31
	27X15	2929-945 1371.10	3029-945 1465.06	3329-945P 1563.29
	27X18	2929-948 1286.20	3029-948 1375.65	3329-948P 1447.91
	27X21	2929-951 1066.72	3029-951 1277.61	3329-951P 1365.96
	27X24	2929-954 829.68	3029-954 1034.71	3329-954P 1290.29

**Reducer Coupling (Gasket x Spigot)**

	6X4	2929-53223 82.99	300-101310 85.07	3329-53223P 121.31
	8X4	2929-58223 188.49	300-100927 105.04	3329-58223P 235.03
	8X6	2929-58523 99.89	300-101312 121.20	3329-58523P 157.39
	10X4	2929-62423 275.51	3029-62423 300.31	3329-62423P 330.01
	10X6	2929-62623 214.14	300-100930 122.33	3329-62623P 268.52
	10X8	2929-62823 162.82	300-101315 174.82	3329-62823P 240.54
	12X4	2929-66423 371.70	3029-66423 387.69	3329-66423P 543.56
	12X6	2929-66623 340.82	300-100933 188.83	3329-66623P 523.60
	12X8	2929-66823 237.49	300-100934 130.90	3329-66823P 458.33
	12X10	2929-67023 228.05	300-101319 256.43	3329-67023P 313.18
	15X4	2929-72423 801.44	3029-72423 857.55	3329-72423P 1081.22
	15X6	2929-72623 757.67	3029-72623 810.71	3329-72623P 829.23
	15X8	2929-72823 711.05	3029-72823 767.95	3329-72823P 815.32
	15X10	2929-73023 490.56	3029-73023 614.14	3329-73023P 712.17
	15X12	2929-73223 391.95	300-101324 426.60	3329-73223P 550.60
	18X4	2929-78423 1659.12	3029-78423 1751.29	3329-78423P 1854.82
	18X6	2929-78623 1624.26	3029-78623 1713.60	3329-78623P 1816.21
	18X8	2929-78823 1497.19	3029-78823 1587.14	3329-78823P 1698.26
	18X10	2929-79023 963.55	3029-79023 1038.94	3329-79023P 1174.06
	18X12	2929-79223 944.61	3029-79223 975.88	3329-79223P 1106.46
	18X15	2929-79523 690.33	300-101330 811.27	3329-79523P 841.53
	21X6	2929-84623 1897.68	3029-84623 2011.61	3329-84623P 2142.31
	21X8	2929-84823 1647.15	3029-84823 1662.99	3329-84823P 1707.37
	21X10	2929-85023 1467.13	3029-85023 1549.28	3329-85023P 1601.78
	21X12	2929-85223 1364.41	3029-85223 1418.86	3329-85223P 1504.01
	21X15	2929-85523 1300.69	3029-85523 1378.59	3329-85523P 1464.49

**Fabricated Fittings**  
**PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Gasket x Spigot) (continued)**

	<b>21X15</b>	2929-85523 <b>1300.69</b>	---	---
	<b>21X18</b>	2929-85823 <b>1022.29</b>	300-101344 <b>1296.31</b>	3329-85823P <b>1382.38</b>
	<b>24X6</b>	2929-90623 <b>3142.17</b>	3029-90623 <b>3350.97</b>	3329-90623P <b>3652.01</b>
	<b>24X8</b>	2929-90823 <b>2981.18</b>	3029-90823 <b>3126.30</b>	3329-90823P <b>3297.21</b>
	<b>24X10</b>	2929-91023 <b>2837.82</b>	3029-91023 <b>2990.39</b>	3329-91023P <b>3211.72</b>
	<b>24X12</b>	2929-91223 <b>2483.91</b>	3029-91223 <b>2631.28</b>	3329-91223P <b>2811.24</b>
	<b>24X15</b>	2929-91523 <b>1807.12</b>	3029-91523 <b>1951.70</b>	3329-91523P <b>2554.67</b>
	<b>24X18</b>	2929-91823 <b>1714.72</b>	3029-91823 <b>1925.30</b>	3329-91823P <b>2431.73</b>
	<b>24X21</b>	2929-92123 <b>1525.50</b>	3029-92123 <b>1892.93</b>	3329-92123P <b>2318.56</b>
	<b>27X6</b>	2929-93623 <b>4085.49</b>	3029-93623 <b>4361.53</b>	3329-93623P <b>4709.76</b>
	<b>27X8</b>	2929-93823 <b>3799.89</b>	3029-93823 <b>4124.30</b>	3329-93823P <b>4402.87</b>
	<b>27X10</b>	2929-94023 <b>3562.79</b>	3029-94023 <b>3806.98</b>	3329-94023P <b>4056.84</b>
	<b>27X12</b>	2929-94223 <b>3345.15</b>	3029-94223 <b>3547.55</b>	3329-94223P <b>3830.49</b>
	<b>27X15</b>	2929-94523 <b>2635.64</b>	3029-94523 <b>2816.28</b>	3329-94523P <b>3345.15</b>
	<b>27X18</b>	2929-94823 <b>2465.88</b>	3029-94823 <b>2644.34</b>	3329-94823P <b>3235.63</b>
	<b>27X21</b>	2929-95123 <b>2180.76</b>	3029-95123 <b>2454.99</b>	3329-95123P <b>3190.62</b>
	<b>27X24</b>	2929-95423 <b>2135.56</b>	3029-95423 <b>2685.26</b>	3329-95423P <b>3157.11</b>

**Reducer Coupling (Spigot x Gasket)**

	<b>6X4</b>	2929-53232 <b>79.04</b>	300-101383 <b>81.94</b>	3329-53232P <b>105.44</b>
	<b>8X4</b>	2929-58232 <b>180.96</b>	3029-58232 <b>193.94</b>	3329-58232P <b>225.63</b>
	<b>8X6</b>	2929-58532 <b>95.90</b>	300-101385 <b>114.19</b>	3329-58532P <b>121.86</b>
	<b>10X4</b>	2929-62432 <b>264.49</b>	3029-62432 <b>288.30</b>	3329-62432P <b>316.82</b>
	<b>10X6</b>	2929-62632 <b>205.56</b>	3029-62632 <b>225.85</b>	3329-62632P <b>257.79</b>
	<b>10X8</b>	2929-62832 <b>150.70</b>	300-101388 <b>170.37</b>	3329-62832P <b>217.60</b>
	<b>12X4</b>	2929-66432 <b>356.84</b>	3029-66432 <b>372.18</b>	3329-66432P <b>521.82</b>
	<b>12X6</b>	2929-66632 <b>327.18</b>	3029-66632 <b>348.62</b>	3329-66632P <b>502.65</b>
	<b>12X8</b>	2929-66832 <b>228.00</b>	3029-66832 <b>263.40</b>	3329-66832P <b>439.90</b>
	<b>12X10</b>	2929-67032 <b>218.02</b>	300-101392 <b>241.30</b>	3329-67032P <b>307.76</b>
	<b>15X4</b>	2929-72432 <b>769.37</b>	3029-72432 <b>823.24</b>	3329-72432P <b>1037.98</b>
	<b>15X6</b>	2929-72632 <b>727.36</b>	3029-72632 <b>778.30</b>	3329-72632P <b>846.87</b>
	<b>15X8</b>	2929-72832 <b>682.62</b>	3029-72832 <b>737.23</b>	3329-72832P <b>782.70</b>
	<b>15X10</b>	2929-73032 <b>470.84</b>	3029-73032 <b>589.56</b>	3329-73032P <b>683.68</b>
	<b>15X12</b>	2929-73232 <b>320.15</b>	300-101397 <b>373.00</b>	3329-73232P <b>529.15</b>
	<b>18X4</b>	2929-78432 <b>1592.76</b>	3029-78432 <b>1681.23</b>	3329-78432P <b>1780.63</b>
	<b>18X6</b>	2929-78632 <b>1559.28</b>	3029-78632 <b>1645.04</b>	3329-78632P <b>1743.57</b>
	<b>18X8</b>	2929-78832 <b>1437.30</b>	3029-78832 <b>1523.65</b>	3329-78832P <b>1630.33</b>
	<b>18X10</b>	2929-79032 <b>924.78</b>	3029-79032 <b>997.37</b>	3329-79032P <b>1127.10</b>

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Spigot x Gasket) (continued)**

	<b>18X12</b>	2929-79232 <b>906.81</b>	3029-79232 <b>936.85</b>	3329-79232P <b>1062.20</b>
	<b>18X15</b>	2929-79532 <b>627.70</b>	300-101403 <b>721.49</b>	3329-79532P <b>810.12</b>
	<b>21X6</b>	2929-84632 <b>1821.78</b>	3029-84632 <b>1931.15</b>	3329-84632P <b>2056.61</b>
	<b>21X8</b>	2929-84832 <b>1581.26</b>	3029-84832 <b>1596.47</b>	3329-84832P <b>1684.56</b>
	<b>21X10</b>	2929-85032 <b>1385.81</b>	3029-85032 <b>1487.30</b>	3329-85032P <b>1537.71</b>
	<b>21X12</b>	2929-85232 <b>1309.85</b>	3029-85232 <b>1362.11</b>	3329-85232P <b>1442.73</b>
	<b>21X15</b>	2929-85532 <b>1248.66</b>	3029-85532 <b>1323.31</b>	3329-85532P <b>1405.88</b>
	<b>21X18</b>	2929-85832 <b>964.50</b>	300-101417 <b>1087.48</b>	3329-85832P <b>1262.36</b>
	<b>24X6</b>	2929-90632 <b>3016.48</b>	3029-90632 <b>3216.93</b>	3329-90632P <b>3506.02</b>
	<b>24X8</b>	2929-90832 <b>2861.93</b>	3029-90832 <b>3001.24</b>	3329-90832P <b>3165.32</b>
	<b>24X10</b>	2929-91032 <b>2724.31</b>	3029-91032 <b>2870.78</b>	3329-91032P <b>3083.38</b>
	<b>24X12</b>	2929-91232 <b>2384.79</b>	3029-91232 <b>2526.03</b>	3329-91232P <b>2698.78</b>
	<b>24X15</b>	2929-91532 <b>1735.09</b>	3029-91532 <b>1875.17</b>	3329-91532P <b>2452.49</b>
	<b>24X18</b>	2929-91832 <b>1646.13</b>	3029-91832 <b>1848.28</b>	3329-91832P <b>2333.72</b>
	<b>24X21</b>	2929-92132 <b>1501.16</b>	3029-92132 <b>1807.84</b>	3329-92132P <b>2010.61</b>
	<b>27X6</b>	2929-93632 <b>3922.06</b>	3029-93632 <b>4187.23</b>	3329-93632P <b>4521.37</b>
	<b>27X8</b>	2929-93832 <b>3647.90</b>	3029-93832 <b>3959.07</b>	3329-93832P <b>4222.95</b>
	<b>27X10</b>	2929-94032 <b>3420.19</b>	3029-94032 <b>3654.71</b>	3329-94032P <b>3894.56</b>
	<b>27X12</b>	2929-94232 <b>3211.34</b>	3029-94232 <b>3405.66</b>	3329-94232P <b>3677.28</b>
	<b>27X15</b>	2929-94532 <b>2530.38</b>	3029-94532 <b>2703.62</b>	3329-94532P <b>3210.50</b>
	<b>27X18</b>	2929-94832 <b>2367.24</b>	3029-94832 <b>2538.57</b>	3329-94832P <b>3106.20</b>
	<b>27X21</b>	2929-95132 <b>2093.52</b>	3029-95132 <b>2356.79</b>	3329-95132P <b>2878.98</b>
	<b>27X24</b>	2929-95432 <b>2097.91</b>	3029-95432 <b>2512.72</b>	3329-95432P <b>3030.15</b>

**Reducer Coupling (Gasketed)**

	<b>6X4</b>	2929-5322 <b>96.12</b>	300-101456 <b>114.19</b>	3329-5322P <b>145.18</b>
	<b>8X4</b>	2929-5822 <b>215.33</b>	3029-5822 <b>230.79</b>	3329-5822P <b>268.49</b>
	<b>8X6</b>	2929-5852 <b>121.57</b>	300-101458 <b>150.33</b>	3329-5852P <b>186.86</b>
	<b>10X4</b>	2929-6242 <b>314.73</b>	3029-6242 <b>343.07</b>	3329-6242P <b>375.73</b>
	<b>10X6</b>	2929-6262 <b>245.01</b>	3029-6262 <b>268.77</b>	3329-6262P <b>306.78</b>
	<b>10X8</b>	2929-6282 <b>213.30</b>	300-101461 <b>241.30</b>	3329-6282P <b>301.60</b>
	<b>12X4</b>	2929-6642 <b>424.64</b>	3029-6642 <b>443.09</b>	3329-6642P <b>620.97</b>
	<b>12X6</b>	2929-6662 <b>389.35</b>	3029-6662 <b>414.86</b>	3329-6662P <b>598.16</b>
	<b>12X8</b>	2929-6682 <b>317.32</b>	3029-6682 <b>370.38</b>	3329-6682P <b>523.48</b>
	<b>12X10</b>	2929-6702 <b>286.54</b>	300-101465 <b>331.03</b>	3329-6702P <b>417.00</b>
	<b>15X4</b>	2929-7242 <b>916.69</b>	3029-7242 <b>979.78</b>	3329-7242P <b>1235.26</b>
	<b>15X6</b>	2929-7262 <b>865.56</b>	3029-7262 <b>926.17</b>	3329-7262P <b>1008.72</b>
	<b>15X8</b>	2929-7282 <b>812.31</b>	3029-7282 <b>877.31</b>	3329-7282P <b>931.41</b>

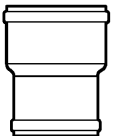




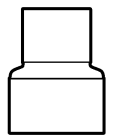
**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Reducer Coupling (Gasketed) (continued)**

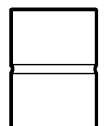
	<b>15X12</b>	2929-7322 <b>422.71</b>	300-101470 <b>481.37</b>	3329-7322P <b>601.43</b>
	<b>18X4</b>	2929-7842 <b>1894.89</b>	3029-7842 <b>2000.64</b>	3329-7842P <b>2118.46</b>
	<b>18X6</b>	2929-7862 <b>1855.54</b>	3029-7862 <b>1957.61</b>	3329-7862P <b>2074.85</b>
	<b>18X8</b>	2929-7882 <b>1710.39</b>	3029-7882 <b>1813.15</b>	3329-7882P <b>1940.12</b>
	<b>18X10</b>	2929-7902 <b>1100.48</b>	3029-7902 <b>1186.87</b>	3329-7902P <b>1341.24</b>
	<b>18X12</b>	2929-7922 <b>1079.06</b>	3029-7922 <b>1114.85</b>	3329-7922P <b>1264.61</b>
	<b>18X15</b>	2929-7952 <b>755.21</b>	300-101476 <b>841.53</b>	3329-7952P <b>961.59</b>
	<b>21X6</b>	2929-8462 <b>2167.88</b>	3029-8462 <b>2298.06</b>	3329-8462P <b>2447.36</b>
	<b>21X8</b>	2929-8482 <b>1881.70</b>	3029-8482 <b>1898.94</b>	3329-8482P <b>2003.98</b>
	<b>21X10</b>	2929-8502 <b>1649.12</b>	3029-8502 <b>1769.65</b>	3329-8502P <b>1830.26</b>
	<b>21X12</b>	2929-8522 <b>1558.73</b>	3029-8522 <b>1620.91</b>	3329-8522P <b>1717.13</b>
	<b>21X15</b>	2929-8552 <b>1485.48</b>	3029-8552 <b>1574.36</b>	3329-8552P <b>1672.68</b>
	<b>21X18</b>	2929-8582 <b>1236.34</b>	300-101489 <b>1322.97</b>	3329-8582P <b>1472.16</b>
	<b>24X6</b>	2929-9062 <b>3589.13</b>	3029-9062 <b>3828.85</b>	3329-9062P <b>4170.93</b>
	<b>24X8</b>	2929-9082 <b>3405.97</b>	3029-9082 <b>3571.48</b>	3329-9082P <b>3766.73</b>
	<b>24X10</b>	2929-9102 <b>3241.66</b>	3029-9102 <b>3415.39</b>	3329-9102P <b>3668.59</b>
	<b>24X12</b>	2929-9122 <b>2837.63</b>	3029-9122 <b>3005.98</b>	3329-9122P <b>3212.03</b>
	<b>24X15</b>	2929-9152 <b>2064.59</b>	3029-9152 <b>2231.45</b>	3329-9152P <b>2918.44</b>
	<b>24X18</b>	2929-9182 <b>2015.91</b>	3029-9182 <b>2199.27</b>	3329-9182P <b>2777.02</b>
	<b>24X21</b>	2929-9212 <b>1992.23</b>	3029-9212 <b>2175.01</b>	3329-9212P <b>2757.57</b>
	<b>27X6</b>	2929-9362 <b>4667.88</b>	3029-9362 <b>4942.62</b>	3329-9362P <b>5380.32</b>
	<b>27X8</b>	2929-9382 <b>4341.97</b>	3029-9382 <b>4710.98</b>	3329-9382P <b>5024.78</b>
	<b>27X10</b>	2929-9402 <b>4069.91</b>	3029-9402 <b>4348.70</b>	3329-9402P <b>4634.21</b>
	<b>27X12</b>	2929-9422 <b>3820.73</b>	3029-9422 <b>4052.41</b>	3329-9422P <b>4375.64</b>
	<b>27X15</b>	2929-9452 <b>3011.36</b>	3029-9452 <b>3216.07</b>	3329-9452P <b>3819.43</b>
	<b>27X18</b>	2929-9482 <b>2816.09</b>	3029-9482 <b>3020.79</b>	3329-9482P <b>3695.52</b>
	<b>27X21</b>	2929-9512 <b>2604.68</b>	3029-9512 <b>2916.77</b>	3329-9512P <b>3644.34</b>
	<b>27X24</b>	2929-9542 <b>2512.70</b>	3029-9542 <b>2788.60</b>	3329-9542P <b>3553.91</b>

**PIP X IPS Reducer (Socket)**

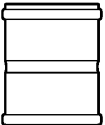
	<b>6X4</b>	2929-532 <b>34.43</b>	---	---
	<b>8X6</b>	---	300-101537 <b>45.43</b>	---
	<b>10X6</b>	---	3029-626PXI <b>140.00</b>	---
	<b>10X8</b>	---	300-101538 <b>103.31</b>	---
	<b>12X10</b>	---	300-101539 <b>124.68</b>	---
	<b>15X10</b>	---	300-101541 <b>314.70</b>	---
	<b>15X12</b>	---	300-101540 <b>214.46</b>	---

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

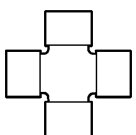
**IPS X PIP Adapter (Socket)**

	<b>6</b>	---	300-101649 <b>37.27</b>	---
	<b>8</b>	---	300-101650 <b>53.57</b>	---
	<b>10</b>	---	300-101651 <b>89.76</b>	---
	<b>12</b>	---	300-101652 <b>139.82</b>	---

**IPS X PIP Adapter (Gasketed)**

	<b>6</b>	---	300-101747 <b>90.88</b>	---
	<b>8</b>	---	300-101748 <b>148.34</b>	---
	<b>10</b>	---	300-101749 <b>213.35</b>	---
	<b>12</b>	---	300-101750 <b>300.71</b>	---

**Cross (Socket)**

	<b>6</b>	290-103286 <b>96.73</b>	300-103286 <b>134.04</b>	3320-060P <b>166.80</b>
	<b>6X2</b>	290-103283 <b>73.41</b>	300-103283 <b>85.07</b>	3320-528P <b>103.82</b>
	<b>6X3</b>	290-103284 <b>80.43</b>	300-103284 <b>95.56</b>	3320-530P <b>112.12</b>
	<b>6X4</b>	290-103285 <b>87.40</b>	300-103285 <b>102.54</b>	3320-532P <b>117.81</b>
	<b>8</b>	290-103291 <b>164.32</b>	300-103291 <b>195.81</b>	3320-080P <b>241.43</b>
	<b>8X2</b>	290-103287 <b>90.88</b>	300-103287 <b>109.52</b>	3320-578P <b>125.93</b>
	<b>8X3</b>	290-103288 <b>99.03</b>	300-103288 <b>120.03</b>	3320-580P <b>141.15</b>
	<b>8X4</b>	290-103289 <b>106.05</b>	300-103289 <b>128.20</b>	3320-582P <b>159.71</b>
	<b>8X6</b>	290-103290 <b>123.54</b>	300-103290 <b>148.04</b>	3320-585P <b>183.07</b>
	<b>10</b>	290-103297 <b>278.55</b>	300-103297 <b>336.85</b>	3320-100P <b>391.39</b>
	<b>10X2</b>	290-103292 <b>139.82</b>	300-103292 <b>145.69</b>	3320-621P <b>163.29</b>
	<b>10X3</b>	290-103293 <b>150.33</b>	300-103293 <b>170.11</b>	3320-623P <b>184.80</b>
	<b>10X4</b>	290-103294 <b>167.86</b>	300-103294 <b>181.80</b>	3320-624P <b>224.59</b>
	<b>10X6</b>	290-103295 <b>189.97</b>	300-103295 <b>203.95</b>	3320-626P <b>251.67</b>
	<b>10X8</b>	290-103296 <b>222.59</b>	300-103296 <b>248.23</b>	3320-628P <b>307.57</b>
	<b>12</b>	290-103304 <b>432.40</b>	300-103304 <b>509.36</b>	3320-120P <b>628.94</b>
	<b>12X2</b>	290-103298 <b>209.81</b>	300-103298 <b>214.46</b>	3320-661P <b>271.68</b>
	<b>12X3</b>	290-103299 <b>231.93</b>	300-103299 <b>234.29</b>	3320-663P <b>295.91</b>
	<b>12X4</b>	290-103300 <b>236.60</b>	300-103300 <b>256.43</b>	3320-664P <b>316.99</b>
	<b>12X6</b>	290-103301 <b>254.07</b>	300-103301 <b>282.07</b>	3320-666P <b>349.51</b>
	<b>12X8</b>	290-103302 <b>296.03</b>	300-103302 <b>328.69</b>	3320-668P <b>359.94</b>
	<b>12X10</b>	290-103303 <b>348.48</b>	300-103303 <b>396.29</b>	3320-670P <b>489.06</b>
	<b>15</b>	290-103321 <b>723.82</b>	300-103321 <b>877.67</b>	3320-150P <b>1118.98</b>
	<b>15X2</b>	290-103313 <b>296.03</b>	300-103313 <b>334.50</b>	3320-721P <b>390.46</b>
	<b>15X3</b>	290-103314 <b>300.71</b>	300-103314 <b>354.35</b>	3320-723P <b>426.60</b>
	<b>15X4</b>	290-103315 <b>314.70</b>	300-103315 <b>362.51</b>	3320-724P <b>442.89</b>
	<b>15X6</b>	290-103316 <b>346.16</b>	300-103316 <b>400.95</b>	3320-726P <b>459.23</b>
	<b>15X8</b>	290-103317 <b>409.16</b>	300-103317 <b>459.23</b>	3320-728P <b>627.09</b>



**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Cross (Socket) (continued)**

	<b>15X10</b>	290-103318 473.21	300-103318 571.10	3320-730P 759.95
	<b>15X12</b>	290-103319 557.15	300-103319 667.88	3320-732P 868.31
		<b>18</b>	290-103342 1253.02	300-103342 1419.71
	<b>18X2</b>	290-103332 442.89	300-103332 518.67	3320-781P 676.00
	<b>18X3</b>	290-103333 454.57	300-103333 543.16	3320-783P 713.34
	<b>18X4</b>	290-103334 470.90	300-103334 554.80	3320-784P 757.59
	<b>18X6</b>	290-103335 504.67	300-103335 599.10	3320-786P 835.70
	<b>18X8</b>	290-103336 559.46	300-103336 655.06	3320-788P 946.44
	<b>18X10</b>	290-103337 617.74	300-103337 709.81	3320-790P 1086.33
	<b>18X12</b>	290-103338 721.49	300-103338 877.67	3320-792P 1230.87
	<b>18X15</b>	290-103340 874.19	300-103340 1141.14	3320-795P 1461.67
	<b>21</b>	290-103367 1849.83	300-103367 2338.17	3320-210P 2783.47
	<b>21X2</b>	290-103355 676.00	300-103355 862.52	3320-841P 885.84
	<b>21X3</b>	290-103356 705.17	300-103356 909.14	3320-843P 1002.41
	<b>21X4</b>	290-103357 745.96	300-103357 946.44	3320-844P 1118.98
	<b>21X6</b>	290-103358 793.72	300-103358 1002.41	3320-846P 1208.68
	<b>21X8</b>	290-103359 857.86	300-103359 1086.33	3320-848P 1335.78
	<b>21X10</b>	290-103360 927.78	300-103360 1197.05	3320-850P 1475.65
	<b>21X12</b>	290-103361 1038.54	300-103361 1335.78	3320-852P 1642.34
	<b>21X15</b>	290-103363 1191.23	300-103363 1558.40	3320-855P 1892.93
	<b>21X18</b>	290-103365 1427.84	300-103365 1864.96	3320-858P 2310.22
	<b>24</b>	290-103381 2644.73	300-103381 3116.81	3320-240P 4285.96
	<b>24X2</b>	290-103368 932.46	300-103368 1118.98	3320-901P 1165.59
	<b>24X3</b>	290-103369 979.06	300-103369 1165.59	3320-903P 1218.05
	<b>24X4</b>	290-103370 1038.54	300-103370 1225.05	3320-904P 1280.97
	<b>24X6</b>	290-103371 1127.11	300-103371 1305.45	3320-906P 1363.76
	<b>24X8</b>	290-103372 1197.05	300-103372 1419.71	3320-908P 1503.61
	<b>24X10</b>	290-103373 1280.97	300-103373 1531.60	3320-910P 1670.29
	<b>24X12</b>	290-103374 1391.68	300-103374 1698.29	3320-912P 1837.01
	<b>24X15</b>	290-103376 1670.29	300-103376 1920.90	3320-915P 2087.60
<b>24X18</b>	290-103378 1892.93	300-103378 2226.30	3320-918P 2504.89	
<b>24X21</b>	290-103380 2254.27	300-103380 2644.73	3320-921P 3034.05	
<b>27</b>	2920-270 4004.27	3020-270 4718.72	3320-270P 6133.22	
<b>27X4</b>	2920-934 1184.29	3020-934 1483.40	3320-934P 1927.91	
<b>27X6</b>	2920-936 1366.87	3020-936 1583.36	3320-936P 2059.77	
<b>27X8</b>	2920-938 1451.22	3020-938 1721.11	3320-938P 2238.15	
<b>27X10</b>	2920-940 1551.16	3020-940 1855.56	3320-940P 2412.86	

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Cross (Socket) (continued)**

	<b>27X12</b>	2920-942 1685.45	3020-942 2057.49	3320-942P 2674.35
	<b>27X15</b>	2920-945 2022.89	3020-945 2327.28	3320-945P 3025.16
		<b>27X18</b>	2920-948 2291.73	3020-948 2697.05
	<b>27X21</b>	2920-951 2731.43	3020-951 3203.37	3320-951P 4166.17
	<b>27X24</b>	2920-954 3203.33	3020-954 3775.05	3320-954P 4906.38

**Cross (Gasketed)**

	<b>6</b>	290-104001 233.05	300-104001 240.06	3320-0602P 288.07
	<b>6X4</b>	290-104000 215.95	300-104000 221.47	3320-5322P 247.78
		<b>8</b>	290-104006 326.35	300-104006 346.16
	<b>8X4</b>	290-104004 259.78	300-104004 268.04	3320-5822P 335.24
	<b>8X6</b>	290-104005 295.68	300-104005 303.04	3320-5852P 360.66
	<b>10</b>	290-104012 484.86	300-104012 487.20	3320-1002P 574.03
	<b>10X4</b>	290-104009 345.86	300-104009 349.67	3320-6242P 412.26
	<b>10X6</b>	290-104010 378.78	300-104010 390.46	3320-6262P 435.39
	<b>10X8</b>	290-104011 406.22	300-104011 437.10	3320-6282P 489.26
	<b>12</b>	290-104019 695.88	300-104019 723.82	3320-1202P 870.60
	<b>12X4</b>	290-104015 419.61	300-104015 448.76	3320-6642P 570.64
	<b>12X6</b>	290-104016 454.57	300-104016 489.51	3320-6662P 607.72
	<b>12X8</b>	290-104017 512.86	300-104017 559.46	3320-6682P 623.77
	<b>12X10</b>	290-104018 594.43	300-104018 629.45	3320-6702P 738.48
	<b>15</b>	290-104036 1086.33	300-104036 1253.02	3320-1502P 1573.54
	<b>15X4</b>	290-104030 629.45	300-104030 792.60	3320-7242P 842.13
	<b>15X6</b>	290-104031 676.00	300-104031 845.04	3320-7262P 877.02
	<b>15X8</b>	290-104032 757.59	300-104032 903.32	3320-7282P 932.46
	<b>15X10</b>	290-104033 874.19	300-104033 990.76	3320-7302P 1049.05
	<b>15X12</b>	290-104034 929.02	300-104034 1107.32	3320-7322P 1253.02
	<b>18</b>	290-104057 1670.29	300-104057 1892.93	3320-1802P 2389.50
	<b>18X4</b>	290-104049 932.46	300-104049 1049.05	3320-7842P 1072.32
	<b>18X6</b>	290-104050 1014.05	300-104050 1165.59	3320-7862P 1218.33
	<b>18X8</b>	290-104051 1142.28	300-104051 1282.15	3320-7882P 1300.54
	<b>18X10</b>	290-104052 1223.87	300-104052 1398.74	3320-7902P 1448.55
	<b>18X12</b>	290-104053 1340.46	300-104053 1515.26	3320-7922P 1585.26
	<b>18X15</b>	2920-7952 1533.51	3020-7952 1723.94	3320-7952P 2036.37
		<b>21</b>	290-104082 2764.84	300-104082 3681.66
	<b>21X4</b>	290-104072 1491.97	300-104072 2524.29	3320-8442P 2989.80
	<b>21X6</b>	290-104073 1596.84	300-104073 2622.35	3320-8462P 3052.09
<b>21X8</b>	290-104074 1748.38	300-104074 2735.76	3320-8482P 3189.13	

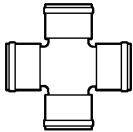


**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

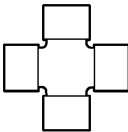
Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

Size	80 PIP	100 PIP	125 PIP
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

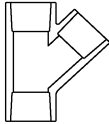
**Cross (Gasketed) (continued)**

	21X10	290-104075 1923.24	300-104075 2893.40	3320-8502P 3263.85
	21X12	290-104076 2156.38	300-104076 3051.60	3320-8522P 3413.35
	21X15	290-104078 2389.50	300-104078 3191.38	3320-8552P 3434.35
	21X18	290-104080 2564.33	300-104080 3524.01	3320-8582P 3614.05
	24	2920-2402 5240.84	3020-2402 6265.36	3320-2402P 7811.28
	24X4	2920-9042 2733.85	3020-9042 3039.53	3320-9042P 3798.82
	24X6	2920-9062 2745.39	3020-9062 3068.87	3320-9062P 3813.53
	24X8	2920-9082 2964.55	3020-9082 3295.20	3320-9082P 4118.06
	24X10	2920-9102 3208.65	3020-9102 3564.38	3320-9102P 4454.43
	24X12	2920-9122 3452.88	3020-9122 3835.47	3320-9122P 4793.04
	24X15	2920-9152 4000.81	3020-9152 4444.88	3320-9152P 5556.29
	24X18	2920-9182 4419.96	3020-9182 4910.15	3320-9182P 6138.67
	24X21	2920-9212 5083.18	3020-9212 5648.41	3320-9212P 7059.55
	27	2920-2702 7290.19	3020-2702 10477.82	3320-2702P 13063.63
	27X4	2920-9342 3213.18	3020-9342 3800.85	3320-9342P 4748.65
	27X6	2920-9362 3449.04	3020-9362 3815.71	3320-9362P 4818.23
	27X8	2920-9382 3697.04	3020-9382 4119.97	3320-9382P 5150.30
	27X10	2920-9402 4010.43	3020-9402 4454.53	3320-9402P 5569.62
	27X12	2920-9422 4316.11	3020-9422 4796.73	3320-9422P 5994.62
	27X15	2920-9452 5000.52	3020-9452 5556.13	3320-9452P 6946.14
	27X18	2920-9482 5525.36	3020-9482 6138.67	3320-9482P 7672.06
	27X21	2920-9512 6353.97	3020-9512 7059.55	3320-9512P 8826.35
	27X24	2920-9542 6878.90	3020-9542 7811.43	3320-9542P 9764.55

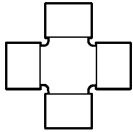
**PIP X IPS Cross (Socket) (continued)**

	15X12	2920-732PXI 523.72	3020-732PXI 667.88	3320-732PXI 816.21
	18X6	2920-786PXI 504.67	3020-786PXI 599.10	3320-786PXI 835.70
	18X8	2920-788PXI 525.89	3020-788PXI 655.06	3320-788PXI 889.65
	18X10	2920-790PXI 617.74	3020-790PXI 709.81	3320-790PXI 1021.15
	18X12	2920-792PXI 721.49	3020-792PXI 877.67	3320-792PXI 1157.02
	21X6	2920-846PXI 831.45	3020-846PXI 1002.41	3320-846PXI 1136.16
	21X8	2920-848PXI 857.86	3020-848PXI 1086.33	3320-848PXI 1255.63
	21X10	2920-850PXI 927.78	3020-850PXI 1197.05	3320-850PXI 1387.11
	21X12	2920-852PXI 976.23	3020-852PXI 1335.78	3320-852PXI 1543.80
	24X6	2920-906PXI 1127.11	3020-906PXI 1305.45	3320-906PXI 1281.93
	24X8	2920-908PXI 1197.05	3020-908PXI 1419.71	3320-908PXI 1413.39
	24X10	2920-910PXI 1280.97	3020-910PXI 1531.60	3320-910PXI 1570.07
24X12	2920-912PXI 1391.68	3020-912PXI 1698.29	3320-912PXI 1726.79	

**Wyes (Socket)**

	6	2975-060 184.03	---	---
	6X4	2975-532 103.52	---	---
	8	2975-080 195.36	---	---
	8X4	2975-582 169.56	---	---
	8X6	2975-585 276.30	---	---
	10	2975-100 307.63	---	---
	10X4	2975-624 188.44	---	---
	10X6	2975-626 198.20	---	---
	10X8	2975-628 253.44	---	---
	12	2975-120 440.37	---	---
	12X4	2975-664 223.53	---	---
	12X6	2975-666 244.45	---	---
	12X8	2975-668 276.22	---	---
	12X10	2975-670 294.78	---	---
	15	2975-150 882.22	---	---
	15X4	2975-724 354.55	---	---
	15X6	2975-726 379.45	---	---
	15X8	2975-728 459.03	---	---
	15X10	2975-730 493.07	---	---
	15X12	2975-732 681.62	---	---
18	2975-187 1288.59	---	---	
18X4	2975-784 556.68	---	---	
18X6	2975-786 590.21	---	---	

**PIP X IPS Cross (Socket)**

	6	2920-060PXI 96.73	3020-060PXI 134.04	3320-060PXI 166.80
	8	2920-080PXI 164.32	3020-080PXI 195.81	3320-080PXI 241.43
	8X6	2920-585PXI 116.13	3020-585PXI 148.04	3320-585PXI 183.07
	10	2920-100PXI 278.55	3020-100PXI 336.85	3320-100PXI 391.39
	10X6	2920-626PXI 178.57	300-103700 203.95	3320-626PXI 236.57
	10X8	2920-628PXI 209.23	3020-628PXI 277.24	3320-628PXI 289.12
	12	2920-120PXI 432.40	3020-120PXI 509.36	3320-120PXI 628.94
	12X6	2920-666PXI 254.07	3020-666PXI 282.07	3320-666PXI 328.54
	12X8	2920-668PXI 296.03	3020-668PXI 328.69	3320-668PXI 692.96
	12X10	2920-670PXI 327.57	3020-670PXI 396.29	3320-670PXI 459.72
	15X6	2920-726PXI 325.39	3020-726PXI 400.95	3320-726PXI 431.68
	15X8	2920-728PXI 384.61	3020-728PXI 459.23	3320-728PXI 589.46
	15X10	2920-730PXI 444.82	3020-730PXI 571.10	3320-730PXI 714.35

**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**



Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Wyes (Socket) (continued)**

	18X8	2975-788 651.72	---	---
	18X10	2975-790 679.77	---	---
	18X12	2975-792 891.70	---	---
	18X15	2975-795 1117.79	---	---

**Surface Reducer (Socket) (continued)**

	21X10	---	300-102093 740.17	---
	21X12	---	300-102094 740.17	---
	21X15	---	300-102095 740.17	---

**Surface Reducer (Socket)**

	6X2	---	300-102013 46.60	---
	6X3	---	300-102015 46.60	---
	8X2	---	300-102018 87.40	---
	8X3	---	300-102020 87.40	---
	8X4	---	300-102021 87.40	---
	10X2	---	300-102024 110.76	---
	10X3	---	300-102026 110.76	---
	10X4	---	300-102027 110.76	---
	10X6	---	300-102028 110.76	---
	12X2	---	300-102031 163.16	---
	12X3	---	300-102033 163.16	---
	12X4	---	300-102034 163.16	---
	12X6	---	300-102035 163.16	---
	12X8	---	300-102036 163.16	---
	15X2	---	300-102048 297.11	---
	15X3	---	300-102050 297.11	---
	15X4	---	300-102051 297.11	---
	15X6	---	300-102052 297.11	---
	15X8	---	300-102053 297.11	---
	15X10	---	300-102054 297.11	---
	18X2	---	300-102067 448.76	---
	18X3	---	300-102069 448.76	---
	18X4	---	300-102070 448.76	---
	18X6	---	300-102071 448.76	---
	18X8	---	300-102072 448.76	---
	18X10	---	300-102073 448.76	---
	18X12	---	300-102074 448.76	---
	21X2	---	300-102088 740.17	---
	21X3	---	300-102089 740.17	---
	21X4	---	300-102090 740.17	---
	21X6	---	300-102091 740.17	---
	21X8	---	300-102092 740.17	---

**Stub Surface Reducer (Socket)**

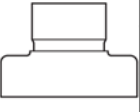
	6X4	---	30040-532 114.81	---
	8X4	---	30040-582 131.71	---
	8X6	---	30040-585 140.62	---
	10X4	---	30040-624 149.63	---
	10X6	---	30040-626 158.04	---
	10X8	---	30040-628 166.19	---
	12X4	---	30040-664 168.44	---
	12X6	---	30040-666 171.85	---
	12X8	---	30040-668 198.07	---
	12X10	---	30040-670 228.15	---
	15X4	---	30040-724 276.30	---
	15X6	---	30040-726 289.05	---
	15X8	---	30040-728 303.26	---
	15X10	---	30040-730 334.67	---
	15X12	---	30040-732 345.11	---
	18X4	---	30040-784 660.44	---
	18X6	---	30040-786 679.52	---
	18X8	---	30040-788 694.07	---
	18X10	---	30040-790 719.56	---
	18X12	---	30040-792 739.41	---
	18X15	---	30040-795 847.05	---
	21X4	---	30040-844 916.59	---
	21X6	---	30040-846 925.82	---
	21X8	---	30040-848 951.07	---
	21X10	---	30040-850 982.48	---
	21X12	---	30040-852 995.56	---
	21X15	---	30040-855 1103.56	---
	21X18	---	30040-858 1218.67	---
	24X4	---	30040-904 1034.85	---
	24X6	---	30040-906 1041.93	---
	24X8	---	30040-908 1068.30	---
	24X10	---	30040-910 1099.70	---




**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each


**Stub Surface Reducer (Socket) (continued)**

	24X15	---	30040-915 <b>1221.73</b>	---
	24X18	---	30040-918 <b>1336.89</b>	---
	24X21	---	30040-921 <b>1585.78</b>	---

**Cap (Socket)**


	6	---	300-107540 <b>46.60</b>	---
	8	---	300-107541 <b>59.45</b>	---
	10	---	300-107542 <b>95.56</b>	---
	12	---	300-107543 <b>125.86</b>	---
	15	---	300-107545 <b>205.11</b>	---
	18	---	300-107547 <b>400.72</b>	---
	21	---	300-107549 <b>613.07</b>	---
	24	---	300-107550 <b>838.34</b>	---
	27	---	3047-270 <b>1052.01</b>	---

**Saddle (Socket)**

	6X2	---	300-101789 <b>58.26</b>	---
	6X3	---	300-101797 <b>69.93</b>	---
	6X4	---	300-101804 <b>81.56</b>	---
	8X2	---	300-101790 <b>58.26</b>	---
	8X3	---	300-101798 <b>69.93</b>	---
	8X4	---	300-101805 <b>81.56</b>	---
	8X6	---	300-101811 <b>93.23</b>	---
	10X2	---	300-101791 <b>58.26</b>	---
	10X3	---	300-101799 <b>69.93</b>	---
	10X4	---	300-101806 <b>81.56</b>	---
	10X6	---	300-101812 <b>93.23</b>	---
	10X8	---	300-101817 <b>104.89</b>	---
	12X2	---	300-101792 <b>58.26</b>	---
	12X3	---	300-101800 <b>69.93</b>	---
	12X4	---	300-101807 <b>81.56</b>	---
	12X6	---	300-101813 <b>93.23</b>	---
	12X8	---	300-101818 <b>104.89</b>	---
	12X10	---	300-101822 <b>116.52</b>	---
	15X2	---	300-101793 <b>58.26</b>	---
	15X3	---	300-101801 <b>84.18</b>	---
	15X4	---	300-101808 <b>81.56</b>	---
	15X6	---	300-101814 <b>93.23</b>	---
	15X8	---	300-101819 <b>104.89</b>	---

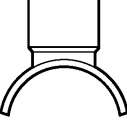
Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Saddle (Socket) (continued)**

	15X10	---	300-101823 <b>116.52</b>	---
	15X12	---	300-101826 <b>162.09</b>	---
	18X2	---	300-101794 <b>58.26</b>	---
	18X3	---	300-101802 <b>125.03</b>	---
	18X4	---	300-101809 <b>159.43</b>	---
	18X6	---	300-101815 <b>192.51</b>	---
	18X8	---	300-101820 <b>205.67</b>	---
	18X10	---	300-101824 <b>236.76</b>	---
	18X12	---	300-101827 <b>249.63</b>	---
	18X15	---	300-101829 <b>381.91</b>	---

NOTE: When assembling Spears® Saddles to PVC pipe, Spears® Manufacturing Company recommends Industrial Polychemical Service (IPS) #719 Solvent Cement and #P-68 Primer, or equivalent. Although good connections may be accomplished without Saddle Straps, Spears® Manufacturing Company recommends the use of clamp or strap device during the assembly step to insure good compression between the pipe and fitting surfaces as the solvent cures. PVC Fabricated Saddle connections are designed for use in low pressure open ended systems and are not intended for use in high pressure applications. For further details, contact Spears® Technical Services Department.

**Stub Saddle (Socket)**

	6X2	---	300-101884 <b>81.56</b>	---
	6X3	---	300-101892 <b>89.76</b>	---
	6X4	---	300-101899 <b>103.70</b>	---
	8X2	---	300-101885 <b>81.56</b>	---
	8X3	---	300-101893 <b>89.76</b>	---
	8X4	---	300-101900 <b>103.70</b>	---
	8X6	---	300-101906 <b>128.20</b>	---
	10X2	---	300-101886 <b>81.56</b>	---
	10X3	---	300-101894 <b>89.76</b>	---
	10X4	---	300-101901 <b>103.70</b>	---
	10X6	---	300-101907 <b>128.20</b>	---
	10X8	---	300-101912 <b>167.86</b>	---
	12X2	---	300-101887 <b>81.56</b>	---
	12X3	---	300-101895 <b>89.76</b>	---
	12X4	---	300-101902 <b>103.70</b>	---
	12X6	---	300-101908 <b>128.20</b>	---
	12X8	---	300-101913 <b>167.86</b>	---
	12X10	---	300-101917 <b>181.80</b>	---
	15X2	---	300-101888 <b>117.71</b>	---
	15X3	---	300-101896 <b>130.50</b>	---
	15X4	---	300-101903 <b>136.37</b>	---
	15X6	---	300-101909 <b>141.01</b>	---

**Fabricated Fittings  
PVC 80, 100 & 125 PSI PIP Fabricated Fittings & Pipe Flanges**



**Glue-on Saddles**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Stub Saddle (Socket) (continued)**

	15X8	---	300-101914 <b>167.86</b>	---
	15X10	---	300-101918 <b>193.46</b>	---
	15X12	---	300-101921 <b>255.24</b>	---
	18X2	---	300-101889 <b>192.30</b>	---
	18X3	---	300-101897 <b>196.97</b>	---
	18X4	---	300-101904 <b>237.74</b>	---
	18X6	---	300-101910 <b>303.04</b>	---
	18X8	---	300-101915 <b>324.03</b>	---
	18X10	---	300-101919 <b>373.00</b>	---

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Stub Saddle (Socket) (continued)**

	18X12	---	300-101922 <b>430.13</b>	---
	18X15	---	300-101924 <b>601.43</b>	---

NOTE: When assembling Spears® Saddles to PVC pipe, Spears® Manufacturing Company recommends Industrial Polychemical Service (IPS) #719 Solvent Cement and #P-68 Primer, or equivalent. Although good connections may be accomplished without Saddle Straps, Spears® Manufacturing Company recommends the use of clamp or strap device during the assembly step to insure good compression between the pipe and fitting surfaces as the solvent cures. PVC Fabricated Saddle connections are designed for use in low pressure open ended systems and are not intended for use in high pressure applications. For further details, contact Spears® Technical Services Department.

**Pipe Flanges**

Size	80 PSI	100 PSI	125 PSI
	Disc Code: 310 Part Number Price Each	Disc Code: 320 Part Number Price Each	Disc Code: 330 Part Number Price Each

**Flange x PIP (Socket)**

	6X6.140	---	---	354-060F <b>126.99</b>
	8X8.160	---	---	354-080F <b>192.30</b>
	10X10.200	---	---	354-100F <b>270.38</b>
	12X12.240	---	---	354-120F <b>391.60</b>
	14X15.300	---	---	354-150F <b>1043.82</b>
	16X15.300	---	---	354-151F <b>1190.79</b>
	18X18.360	---	354-182F <b>1809.00</b>	---
	18X18.701	---	354-181F <b>1809.00</b>	---
	20X22.047	---	354-201F <b>2755.48</b>	---
	24X24.803	---	354-241F <b>4035.33</b>	---

PIP = Plastic Irrigation Pipe (PIP dimensions are NOT the same as IPS dimensions.)  
 Sizes 6" through 16" are furnished with Plastic Ring.  
 Sizes 18" Through 24" are furnished with Steel Ring.



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340	Disc Code: 350	Disc Code: 360	Disc Code: 370	Disc Code: 380
	Part Number	Part Number	Part Number	Part Number	Part Number
	Price Each	Price Each	Price Each	Price Each	Price Each

**Tee (Gasket x Spigot x Fipt)**

	4X1-1/2	---	---	---	340-102356 <b>180.02</b>	350-102356 <b>209.83</b>
	4X2	---	---	---	340-102357 <b>180.02</b>	350-102357 <b>209.83</b>
	4X2-1/2	---	---	---	340-102358 <b>192.20</b>	350-102358 <b>223.09</b>
	4X3	---	---	---	340-102359 <b>192.20</b>	---
	6X1-1/2	---	---	---	340-102361 <b>261.80</b>	350-102361 <b>272.83</b>
	6X2	---	---	---	340-102362 <b>261.80</b>	350-102362 <b>272.83</b>
	6X2-1/2	---	---	---	340-102363 <b>278.38</b>	350-102363 <b>284.97</b>
	6X3	---	---	---	340-102364 <b>278.38</b>	350-102364 <b>284.97</b>
	6X4	---	---	---	340-102365 <b>289.37</b>	350-102365 <b>300.43</b>
	8X1-1/2	---	---	---	340-102366 <b>319.21</b>	350-102366 <b>388.80</b>
	8X2	---	---	---	340-102367 <b>319.21</b>	350-102367 <b>388.80</b>
	8X2-1/2	---	---	---	340-102368 <b>335.78</b>	350-102368 <b>405.36</b>
	8X3	---	---	---	340-102369 <b>335.78</b>	350-102369 <b>405.36</b>
	8X4	---	---	---	340-102370 <b>363.39</b>	350-102370 <b>421.91</b>
	10X2	---	---	---	340-102372 <b>542.33</b>	350-102372 <b>592.04</b>
	10X2-1/2	---	---	---	340-102373 <b>575.48</b>	---
	10X3	---	---	---	340-102374 <b>575.48</b>	350-102374 <b>620.76</b>
	10X4	---	---	---	340-102375 <b>605.27</b>	350-102375 <b>652.81</b>
	12X2	---	---	---	340-102377 <b>722.38</b>	350-102377 <b>777.59</b>
	12X2-1/2	---	---	---	340-102378 <b>753.30</b>	---
12X3	---	---	---	340-102379 <b>753.30</b>	350-102379 <b>819.56</b>	
12X4	---	---	---	340-102380 <b>788.67</b>	350-102380 <b>861.56</b>	

**Tee (Gasket x Gasket x Fipt)**

	4X1-1/2	---	---	---	340-102426 <b>198.82</b>	350-102426 <b>217.61</b>
	4X2	---	---	---	340-102427 <b>198.82</b>	350-102427 <b>217.61</b>
	4X2-1/2	---	---	---	340-102428 <b>216.47</b>	350-102428 <b>234.16</b>
	4X3	---	---	---	340-102429 <b>216.47</b>	350-102429 <b>234.16</b>
	6X1-1/2	---	---	---	340-102431 <b>286.06</b>	350-102431 <b>300.43</b>
	6X2	---	---	---	340-102432 <b>286.06</b>	350-102432 <b>300.43</b>
	6X2-1/2	---	---	---	340-102433 <b>297.12</b>	350-102433 <b>314.82</b>
	6X3	---	---	---	340-102434 <b>297.12</b>	350-102434 <b>314.82</b>
	6X4	---	---	---	340-102435 <b>305.96</b>	350-102435 <b>328.06</b>
	8X1-1/2	---	---	---	340-102436 <b>350.16</b>	350-102436 <b>419.73</b>
	8X2	---	---	---	340-102437 <b>350.16</b>	350-102437 <b>419.73</b>
	8X2-1/2	---	---	---	340-102438 <b>371.13</b>	350-102438 <b>441.81</b>
	8X3	---	---	---	340-102439 <b>371.13</b>	350-102439 <b>441.81</b>
	8X4	---	---	---	340-102440 <b>394.32</b>	350-102440 <b>609.14</b>



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340	Disc Code: 350	Disc Code: 360	Disc Code: 370	Disc Code: 380
	Part Number	Part Number	Part Number	Part Number	Part Number
	Price Each	Price Each	Price Each	Price Each	Price Each

**Tee (Gasket x Gasket x Fipt) (continued)**

	<b>10X2</b>	---	---	---	340-102442 <b>593.13</b>	350-102442 <b>652.81</b>
	<b>10X2-1/2</b>	---	---	---	340-102443 <b>620.76</b>	350-102443 <b>689.27</b>
	<b>10X3</b>	---	---	---	340-102444 <b>620.76</b>	350-102444 <b>689.27</b>
	<b>10X4</b>	---	---	---	340-102445 <b>654.97</b>	350-102445 <b>716.83</b>
	<b>12X2</b>	---	---	---	340-102447 <b>765.13</b>	350-102447 <b>832.84</b>
	<b>12X2-1/2</b>	---	---	---	340-102448 <b>803.01</b>	---
	<b>12X3</b>	---	---	---	340-102449 <b>803.01</b>	350-102449 <b>874.81</b>
	<b>12X4</b>	---	---	---	340-102450 <b>843.86</b>	350-102450 <b>916.79</b>

**Tee (Soc x Soc x Soc)**

	<b>6</b>	310-102502 <b>68.66</b>	320-102502 <b>138.41</b>	330-102502 <b>153.87</b>	340-102502 <b>271.31</b>	350-102502 <b>287.11</b>
	<b>6X2</b>	310-102499 <b>54.23</b>	320-102499 <b>71.96</b>	330-102499 <b>86.35</b>	340-102499 <b>215.36</b>	350-102499 <b>223.68</b>
	<b>6X3</b>	310-102500 <b>57.57</b>	320-102500 <b>80.81</b>	330-102500 <b>91.87</b>	340-102500 <b>229.14</b>	350-102500 <b>234.80</b>
	<b>6X4</b>	310-102501 <b>63.12</b>	320-102501 <b>88.59</b>	330-102501 <b>102.96</b>	340-102501 <b>237.44</b>	350-102501 <b>251.38</b>
	<b>8</b>	310-102507 <b>115.19</b>	320-102507 <b>174.94</b>	330-102507 <b>207.09</b>	340-102507 <b>425.28</b>	350-102507 <b>505.90</b>
	<b>8X2</b>	310-102503 <b>75.29</b>	320-102503 <b>95.22</b>	330-102503 <b>102.96</b>	340-102503 <b>273.93</b>	350-102503 <b>302.65</b>
	<b>8X3</b>	310-102504 <b>80.81</b>	320-102504 <b>106.27</b>	330-102504 <b>115.19</b>	340-102504 <b>307.07</b>	350-102504 <b>328.06</b>
	<b>8X4</b>	310-102505 <b>86.35</b>	320-102505 <b>120.65</b>	330-102505 <b>131.72</b>	340-102505 <b>324.74</b>	350-102505 <b>344.62</b>
	<b>8X6</b>	310-102506 <b>102.96</b>	320-102506 <b>155.02</b>	330-102506 <b>163.86</b>	340-102506 <b>376.66</b>	350-102506 <b>408.67</b>
	<b>10</b>	310-102513 <b>171.61</b>	320-102513 <b>243.56</b>	330-102513 <b>336.60</b>	340-102513 <b>660.51</b>	350-102513 <b>803.01</b>
	<b>10X2</b>	310-102508 <b>102.96</b>	320-102508 <b>126.19</b>	330-102508 <b>161.64</b>	340-102508 <b>387.71</b>	350-102508 <b>461.68</b>
	<b>10X3</b>	310-102509 <b>120.65</b>	320-102509 <b>146.14</b>	330-102509 <b>190.45</b>	340-102509 <b>416.44</b>	350-102509 <b>491.50</b>
	<b>10X4</b>	310-102510 <b>137.31</b>	320-102510 <b>163.86</b>	330-102510 <b>214.79</b>	340-102510 <b>450.67</b>	350-102510 <b>527.96</b>
	<b>10X6</b>	310-102511 <b>149.48</b>	320-102511 <b>180.48</b>	330-102511 <b>238.02</b>	340-102511 <b>495.94</b>	350-102511 <b>580.97</b>
	<b>10X8</b>	310-102512 <b>159.44</b>	320-102512 <b>209.27</b>	330-102512 <b>283.44</b>	340-102512 <b>558.91</b>	350-102512 <b>652.81</b>
	<b>12</b>	310-102520 <b>235.83</b>	320-102520 <b>384.22</b>	330-102520 <b>504.90</b>	340-102520 <b>940.00</b>	350-102520 <b>1241.50</b>
	<b>12X2</b>	310-102514 <b>177.19</b>	320-102514 <b>190.45</b>	330-102514 <b>249.16</b>	340-102514 <b>512.49</b>	350-102514 <b>608.62</b>
	<b>12X3</b>	310-102515 <b>182.68</b>	320-102515 <b>201.52</b>	330-102515 <b>270.16</b>	340-102515 <b>546.77</b>	350-102515 <b>656.10</b>
	<b>12X4</b>	310-102516 <b>189.35</b>	320-102516 <b>224.77</b>	330-102516 <b>298.97</b>	340-102516 <b>584.32</b>	350-102516 <b>700.24</b>
	<b>12X6</b>	310-102517 <b>194.86</b>	320-102517 <b>256.88</b>	330-102517 <b>336.60</b>	340-102517 <b>649.50</b>	350-102517 <b>794.16</b>
	<b>12X8</b>	310-102518 <b>205.96</b>	320-102518 <b>283.44</b>	330-102518 <b>378.72</b>	340-102518 <b>723.47</b>	350-102518 <b>847.19</b>
	<b>12X10</b>	310-102519 <b>211.45</b>	320-102519 <b>338.83</b>	330-102519 <b>449.53</b>	340-102519 <b>808.54</b>	350-102519 <b>991.89</b>
	<b>15X2</b>	310-102521** <b>210.39</b>	---	---	---	---
	<b>15X3</b>	310-102522** <b>221.44</b>	---	---	---	---
	<b>15X4</b>	310-102523** <b>245.81</b>	---	---	---	---
	<b>15X6</b>	310-102524** <b>251.35</b>	---	---	---	---
	<b>15X8</b>	310-102525** <b>270.16</b>	---	---	---	---
	<b>15X10</b>	310-102526** <b>283.44</b>	---	---	---	---



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Tee (Soc x Soc x Soc) (continued)**

	<b>15X12</b>	310-102527** <b>319.99</b>	---	---	---	---
	<b>15X15</b>	310-102528* <b>407.47</b>	---	---	---	---

\* 15" PIP O.D.  
 \*\* 15" PIP O.D. x IPS

**Tee (Gasket x Spigot x Gasket)**

	<b>4</b>	---	320-103058 <b>110.71</b>	330-103058 <b>115.19</b>	340-103058 <b>210.39</b>	350-103058 <b>236.05</b>
	<b>6</b>	---	320-103062 <b>160.56</b>	330-103062 <b>171.61</b>	340-103062 <b>325.83</b>	350-103062 <b>375.53</b>
	<b>6X4</b>	---	320-103061 <b>137.31</b>	330-103061 <b>166.07</b>	340-103061 <b>289.37</b>	350-103061 <b>311.47</b>
	<b>8</b>	---	320-103067 <b>221.94</b>	330-103067 <b>285.67</b>	340-103067 <b>483.80</b>	350-103067 <b>608.62</b>
	<b>8X4</b>	---	320-103065 <b>173.23</b>	330-103065 <b>189.35</b>	340-103065 <b>361.17</b>	350-103065 <b>439.61</b>
	<b>8X6</b>	---	320-103066 <b>201.52</b>	330-103066 <b>239.18</b>	340-103066 <b>399.85</b>	350-103066 <b>500.36</b>
	<b>10</b>	---	320-103073 <b>376.48</b>	330-103073 <b>457.31</b>	340-103073 <b>791.98</b>	350-103073 <b>999.36</b>
	<b>10X4</b>	---	320-103070 <b>259.09</b>	330-103070 <b>331.05</b>	340-103070 <b>531.31</b>	350-103070 <b>667.15</b>
	<b>10X6</b>	---	320-103071 <b>285.67</b>	330-103071 <b>359.88</b>	340-103071 <b>580.97</b>	350-103071 <b>727.89</b>
	<b>10X8</b>	---	320-103072 <b>317.79</b>	330-103072 <b>399.72</b>	340-103072 <b>652.81</b>	350-103072 <b>821.79</b>
	<b>12</b>	---	320-103080 <b>527.06</b>	330-103080 <b>628.93</b>	---	---
	<b>12X4</b>	---	320-103076 <b>349.90</b>	330-103076 <b>428.56</b>	340-103076 <b>694.74</b>	350-103076 <b>872.57</b>
	<b>12X6</b>	---	320-103077 <b>373.15</b>	330-103077 <b>434.05</b>	340-103077 <b>764.35</b>	350-103077 <b>960.97</b>
	<b>12X8</b>	---	320-103078 <b>413.00</b>	330-103078 <b>457.31</b>	340-103078 <b>847.19</b>	350-103078 <b>1054.84</b>
	<b>12X10</b>	---	320-103079 <b>470.60</b>	330-103079 <b>513.79</b>	340-103079 <b>958.76</b>	350-103079 <b>1194.01</b>
	<b>12X12</b>	---	---	---	340-103080 <b>1124.39</b>	---

**Tee (Gasket x Gasket x Gasket)**

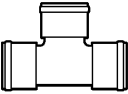
	<b>4</b>	---	320-103170 <b>132.86</b>	330-103170 <b>181.53</b>	340-103170 <b>208.77</b>	350-103170 <b>258.47</b>
	<b>6</b>	---	320-103174 <b>155.02</b>	330-103174 <b>205.96</b>	340-103174 <b>347.93</b>	350-103174 <b>377.73</b>
	<b>6X4</b>	---	320-103173 <b>137.31</b>	330-103173 <b>194.86</b>	340-103173 <b>300.43</b>	350-103173 <b>322.52</b>
	<b>8</b>	---	320-103179 <b>274.59</b>	330-103179 <b>297.12</b>	340-103179 <b>542.33</b>	350-103179 <b>639.53</b>
	<b>8X4</b>	---	320-103177 <b>205.96</b>	330-103177 <b>229.20</b>	340-103177 <b>425.28</b>	350-103177 <b>472.72</b>
	<b>8X6</b>	---	320-103178 <b>211.45</b>	330-103178 <b>259.09</b>	340-103178 <b>472.72</b>	350-103178 <b>522.48</b>
	<b>10</b>	---	320-103185 <b>399.72</b>	330-103185 <b>502.68</b>	340-103185 <b>889.16</b>	350-103185 <b>1043.82</b>
	<b>10X4</b>	---	320-103182 <b>306.72</b>	330-103182 <b>380.90</b>	340-103182 <b>667.15</b>	350-103182 <b>680.39</b>
	<b>10X6</b>	---	320-103183 <b>328.87</b>	330-103183 <b>397.50</b>	340-103183 <b>708.02</b>	350-103183 <b>738.98</b>
	<b>10X8</b>	---	320-103184 <b>357.65</b>	330-103184 <b>462.86</b>	340-103184 <b>791.98</b>	350-103184 <b>832.84</b>
	<b>12</b>	---	320-103192 <b>555.87</b>	330-103192 <b>727.48</b>	340-103192 <b>1236.01</b>	350-103192 <b>1443.67</b>
	<b>12X4</b>	---	320-103188 <b>391.95</b>	330-103188 <b>462.86</b>	340-103188 <b>847.19</b>	350-103188 <b>885.85</b>
	<b>12X6</b>	---	320-103189 <b>401.96</b>	330-103189 <b>476.11</b>	340-103189 <b>925.60</b>	350-103189 <b>979.74</b>
	<b>12X8</b>	---	320-103190 <b>423.00</b>	330-103190 <b>571.38</b>	340-103190 <b>1014.18</b>	350-103190 <b>1071.40</b>
	<b>12X10</b>	---	320-103191 <b>502.68</b>	330-103191 <b>609.03</b>	340-103191 <b>1138.83</b>	350-103191 <b>1212.79</b>

**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

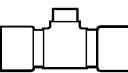


Size	CLASS 63	CLASS 100	CLASS 125	CLASS160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

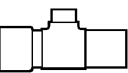
**Tee (Gasket x Gasket x Gasket) (continued)**

	<b>12X10</b>	---	320-103191 <b>502.68</b>	330-103191 <b>609.03</b>	340-103191 <b>1138.83</b>	350-103191 <b>1212.79</b>
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**Reinforced Tee (Soc x Soc x Fipt)**

	<b>6X2</b>	---	---	330-202152 <b>77.51</b>	---	---
	<b>6X3</b>	---	---	330-202154 <b>88.59</b>	---	---
	<b>6X4</b>	---	---	330-202155 <b>100.73</b>	---	---
	<b>8X2</b>	---	---	330-202157 <b>111.82</b>	---	---
	<b>8X3</b>	---	---	330-202159 <b>130.64</b>	---	---
	<b>8X4</b>	---	---	330-202160 <b>142.79</b>	---	---
	<b>10X2</b>	---	---	330-202162 <b>172.70</b>	---	---
	<b>10X3</b>	---	---	330-202164 <b>201.52</b>	---	---
	<b>10X4</b>	---	---	330-202165 <b>220.32</b>	---	---
	<b>12X2</b>	---	---	330-202167 <b>249.16</b>	---	---
	<b>12X3</b>	---	---	330-202169 <b>277.94</b>	---	---
	<b>12X4</b>	---	---	330-202170 <b>306.72</b>	---	---

**Reinforced Tee (Soc x Spigot x Fipt)**

	<b>6X2</b>	---	---	330-202222 <b>77.51</b>	---	---
	<b>6X3</b>	---	---	330-202224 <b>88.59</b>	---	---
	<b>6X4</b>	---	---	330-202225 <b>100.73</b>	---	---
	<b>8X2</b>	---	---	330-202227 <b>110.71</b>	---	---
	<b>8X3</b>	---	---	330-202229 <b>123.96</b>	---	---
	<b>8X4</b>	---	---	330-202230 <b>136.15</b>	---	---
	<b>10X2</b>	---	---	330-202232 <b>163.86</b>	---	---
	<b>10X3</b>	---	---	330-202234 <b>191.53</b>	---	---
	<b>10X4</b>	---	---	330-202235 <b>211.45</b>	---	---
	<b>12X2</b>	---	---	330-202237 <b>236.94</b>	---	---
	<b>12X3</b>	---	---	330-202239 <b>264.64</b>	---	---
	<b>12X4</b>	---	---	330-202240 <b>294.55</b>	---	---

**Reinforced Tee (Gasket x Spigot x Fipt)**

	<b>6X2</b>	---	---	330-202362 <b>132.86</b>	---	---
	<b>6X3</b>	---	---	330-202364 <b>151.66</b>	---	---
	<b>6X4</b>	---	---	330-202365 <b>160.56</b>	---	---
	<b>8X2</b>	---	---	330-202367 <b>166.07</b>	---	---
	<b>8X3</b>	---	---	330-202369 <b>177.19</b>	---	---
	<b>8X4</b>	---	---	330-202370 <b>189.35</b>	---	---
	<b>10X2</b>	---	---	330-202372 <b>251.35</b>	---	---



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Reinforced Tee (Gasket x Spigot x Fipt) (continued)**

	<b>10X2</b>	---	---	330-202372 <b>251.35</b>	---	---
	<b>10X3</b>	---	---	330-202374 <b>271.27</b>	---	---
	<b>10X4</b>	---	---	330-202375 <b>297.85</b>	---	---
	<b>12X2</b>	---	---	330-202377 <b>343.24</b>	---	---
	<b>12X3</b>	---	---	330-202379 <b>372.03</b>	---	---
	<b>12X4</b>	---	---	330-202380 <b>399.72</b>	---	---

**Reinforced Tee (Gasket x Gasket x Fipt)**

	<b>6X2</b>	---	---	330-202432 <b>160.56</b>	---	---
	<b>6X3</b>	---	---	330-202434 <b>171.61</b>	---	---
	<b>6X4</b>	---	---	330-202435 <b>182.68</b>	---	---
	<b>8X2</b>	---	---	330-202437 <b>200.41</b>	---	---
	<b>8X3</b>	---	---	330-202439 <b>211.45</b>	---	---
	<b>8X4</b>	---	---	330-202440 <b>229.20</b>	---	---
	<b>10X2</b>	---	---	330-202442 <b>312.26</b>	---	---
	<b>10X3</b>	---	---	330-202444 <b>328.87</b>	---	---
	<b>10X4</b>	---	---	330-202445 <b>363.18</b>	---	---
	<b>12X2</b>	---	---	330-202447 <b>423.00</b>	---	---
	<b>12X3</b>	---	---	330-202449 <b>462.86</b>	---	---
	<b>12X4</b>	---	---	330-202450 <b>483.93</b>	---	---

**90° Elbow (Soc x Soc)**

	<b>6</b>	310-100812 <b>75.29</b>	320-100812 <b>97.40</b>	330-100812 <b>108.49</b>	340-100812 <b>279.44</b>	350-100812 <b>302.65</b>
	<b>8</b>	310-100813 <b>102.96</b>	320-100813 <b>149.48</b>	330-100813 <b>178.24</b>	340-100813 <b>387.71</b>	350-100813 <b>439.61</b>
	<b>10</b>	310-100814 <b>160.56</b>	320-100814 <b>233.63</b>	330-100814 <b>282.35</b>	340-100814 <b>589.84</b>	350-100814 <b>724.57</b>
	<b>12</b>	310-100815 <b>229.20</b>	320-100815 <b>325.51</b>	330-100815 <b>431.85</b>	340-100815 <b>854.91</b>	350-100815 <b>972.02</b>
	<b>15</b>	310-100816* <b>428.56</b>	---	---	---	---

\* 15" PIP O.D.

**90° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100877 <b>168.15</b>	---	---
	<b>6</b>	---	320-100878 <b>197.11</b>	330-100878 <b>226.99</b>	340-100878 <b>370.00</b>	350-100878 <b>388.80</b>
	<b>8</b>	---	320-100879 <b>298.97</b>	330-100879 <b>366.53</b>	340-100879 <b>527.96</b>	350-100879 <b>566.65</b>
	<b>10</b>	---	320-100880 <b>435.17</b>	330-100880 <b>576.87</b>	340-100880 <b>764.35</b>	350-100880 <b>933.33</b>
	<b>12</b>	---	320-100881 <b>583.55</b>	330-100881 <b>687.64</b>	340-100881 <b>1027.27</b>	350-100881 <b>1180.76</b>

**90° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100899 <b>168.15</b>	340-100899 <b>250.72</b>	350-100899 <b>278.38</b>
	<b>6</b>	---	320-100900 <b>197.11</b>	330-100900 <b>226.99</b>	340-100900 <b>370.00</b>	350-100900 <b>388.80</b>
	<b>8</b>	---	320-100901 <b>298.97</b>	330-100901 <b>366.53</b>	340-100901 <b>527.96</b>	350-100901 <b>566.65</b>
	<b>10</b>	---	320-100902 <b>435.17</b>	330-100902 <b>576.87</b>	340-100902 <b>764.35</b>	350-100902 <b>933.33</b>
	<b>12</b>	---	320-100903 <b>583.55</b>	330-100903 <b>687.64</b>	3406-1202 <b>855.60</b>	350-100903 <b>1180.76</b>

**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**11-1/4° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100113 <b>32.07</b>	340-100113 <b>35.51</b>	350-100113 <b>42.60</b>
	<b>6</b>	310-100114 <b>28.74</b>	320-100114 <b>37.66</b>	330-100114 <b>45.37</b>	340-100114 <b>49.69</b>	350-100114 <b>53.00</b>
	<b>8</b>	310-100115 <b>45.37</b>	320-100115 <b>57.57</b>	330-100115 <b>89.65</b>	340-100115 <b>86.15</b>	350-100115 <b>97.19</b>
	<b>10</b>	310-100116 <b>64.19</b>	320-100116 <b>91.87</b>	330-100116 <b>127.34</b>	340-100116 <b>149.13</b>	350-100116 <b>199.88</b>
	<b>12</b>	310-100117 <b>104.03</b>	320-100117 <b>143.95</b>	330-100117 <b>207.09</b>	340-100117 <b>234.16</b>	350-100117 <b>333.59</b>
	<b>15</b>	310-100118 <b>174.94</b>	---	---	---	---

**11-1/4° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100185 <b>115.19</b>	340-100185 <b>127.82</b>	350-100185 <b>157.29</b>
	<b>6</b>	---	320-100186 <b>128.43</b>	330-100186 <b>160.56</b>	340-100186 <b>177.53</b>	350-100186 <b>194.40</b>
	<b>8</b>	---	320-100187 <b>157.23</b>	330-100187 <b>240.28</b>	340-100187 <b>260.36</b>	350-100187 <b>313.69</b>
	<b>10</b>	---	320-100188 <b>269.09</b>	330-100188 <b>319.99</b>	340-100188 <b>370.00</b>	350-100188 <b>544.51</b>
	<b>12</b>	---	320-100189 <b>359.88</b>	330-100189 <b>434.05</b>	340-100189 <b>539.03</b>	350-100189 <b>750.01</b>

**11-1/4° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100209 <b>115.19</b>	340-100209 <b>127.82</b>	350-100209 <b>157.29</b>
	<b>6</b>	---	320-100210 <b>128.43</b>	330-100210 <b>160.56</b>	340-100210 <b>177.53</b>	350-100210 <b>194.40</b>
	<b>8</b>	---	320-100211 <b>157.23</b>	330-100211 <b>240.28</b>	340-100211 <b>260.36</b>	350-100211 <b>313.69</b>
	<b>10</b>	---	320-100212 <b>269.09</b>	330-100212 <b>319.99</b>	340-100212 <b>370.00</b>	350-100212 <b>544.51</b>
	<b>12</b>	---	320-100213 <b>359.88</b>	330-100213 <b>434.05</b>	340-100213 <b>539.03</b>	350-100213 <b>750.01</b>

**15° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100233 <b>32.07</b>	340-100233 <b>35.51</b>	350-100233 <b>42.60</b>
	<b>6</b>	310-100234 <b>28.74</b>	320-100234 <b>37.66</b>	330-100234 <b>45.37</b>	340-100234 <b>49.69</b>	350-100234 <b>53.00</b>
	<b>8</b>	310-100235 <b>45.37</b>	320-100235 <b>57.57</b>	330-100235 <b>69.72</b>	340-100235 <b>86.15</b>	350-100235 <b>99.10</b>
	<b>10</b>	310-100236 <b>64.19</b>	320-100236 <b>91.87</b>	330-100236 <b>127.34</b>	340-100236 <b>149.13</b>	350-100236 <b>199.88</b>
	<b>12</b>	310-100237 <b>104.03</b>	320-100237 <b>143.95</b>	330-100237 <b>207.09</b>	340-100237 <b>234.16</b>	350-100237 <b>333.59</b>
	<b>15</b>	310-100238* <b>174.94</b>	---	---	---	---

\* 15" PIP O.D.

**15° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100305 <b>115.19</b>	340-100305 <b>127.82</b>	350-100305 <b>157.29</b>
	<b>6</b>	---	320-100306 <b>128.43</b>	330-100306 <b>160.56</b>	340-100306 <b>177.53</b>	350-100306 <b>194.40</b>
	<b>8</b>	---	320-100307 <b>157.23</b>	330-100307 <b>240.28</b>	340-100307 <b>260.36</b>	350-100307 <b>313.69</b>
	<b>10</b>	---	320-100308 <b>269.09</b>	330-100308 <b>319.99</b>	340-100308 <b>370.00</b>	350-100308 <b>544.51</b>
	<b>12</b>	---	320-100309 <b>359.88</b>	330-100309 <b>434.05</b>	340-100309 <b>539.03</b>	350-100309 <b>750.01</b>

**15° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100329 <b>115.19</b>	340-100329 <b>127.82</b>	350-100329 <b>157.29</b>
	<b>6</b>	---	320-100330 <b>128.43</b>	330-100330 <b>160.56</b>	340-100330 <b>177.53</b>	350-100330 <b>194.40</b>
	<b>8</b>	---	320-100331 <b>169.00</b>	330-100331 <b>240.28</b>	340-100331 <b>260.36</b>	350-100331 <b>313.69</b>
	<b>10</b>	---	320-100332 <b>250.56</b>	330-100332 <b>319.99</b>	340-100332 <b>370.00</b>	350-100332 <b>544.51</b>
	<b>12</b>	---	320-100333 <b>361.30</b>	330-100333 <b>434.05</b>	340-100333 <b>539.03</b>	350-100333 <b>750.01</b>



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**22-1/2° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100353 <b>32.07</b>	340-100353 <b>35.51</b>	350-100353 <b>42.60</b>
	<b>6</b>	310-100354 <b>28.74</b>	320-100354 <b>37.66</b>	330-100354 <b>45.37</b>	340-100354 <b>49.69</b>	350-100354 <b>53.00</b>
	<b>8</b>	310-100355 <b>45.37</b>	320-100355 <b>57.57</b>	330-100355 <b>69.72</b>	340-100355 <b>86.15</b>	350-100355 <b>99.10</b>
	<b>10</b>	310-100356 <b>64.19</b>	320-100356 <b>91.87</b>	330-100356 <b>127.34</b>	340-100356 <b>149.13</b>	350-100356 <b>199.88</b>
	<b>12</b>	310-100357 <b>104.03</b>	320-100357 <b>143.95</b>	330-100357 <b>207.09</b>	340-100357 <b>234.16</b>	350-100357 <b>333.59</b>
	<b>15</b>	310-100358* <b>174.94</b>	---	---	---	---

\* 15" PIP O.D.

**22-1/2° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100425 <b>115.19</b>	340-100425 <b>127.82</b>	350-100425 <b>157.29</b>
	<b>6</b>	---	320-100426 <b>128.43</b>	330-100426 <b>160.56</b>	340-100426 <b>177.53</b>	350-100426 <b>194.40</b>
	<b>8</b>	---	320-100427 <b>157.23</b>	330-100427 <b>240.28</b>	340-100427 <b>260.36</b>	350-100427 <b>313.69</b>
	<b>10</b>	---	320-100428 <b>269.09</b>	330-100428 <b>319.99</b>	340-100428 <b>370.00</b>	350-100428 <b>544.51</b>
	<b>12</b>	---	320-100429 <b>359.88</b>	330-100429 <b>434.05</b>	340-100429 <b>539.03</b>	350-100429 <b>750.01</b>

**22-1/2° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100449 <b>115.19</b>	340-100449 <b>127.82</b>	350-100449 <b>157.29</b>
	<b>6</b>	---	320-100450 <b>128.43</b>	330-100450 <b>160.56</b>	340-100450 <b>177.53</b>	350-100450 <b>194.40</b>
	<b>8</b>	---	320-100451 <b>157.23</b>	330-100451 <b>240.28</b>	340-100451 <b>260.36</b>	350-100451 <b>313.69</b>
	<b>10</b>	---	320-100452 <b>269.09</b>	330-100452 <b>319.99</b>	340-100452 <b>370.00</b>	350-100452 <b>544.51</b>
	<b>12</b>	---	320-100453 <b>359.88</b>	330-100453 <b>434.05</b>	340-100453 <b>539.03</b>	350-100453 <b>750.01</b>

**30° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100473 <b>39.84</b>	340-100473 <b>83.89</b>	350-100473 <b>139.47</b>
	<b>6</b>	310-100474 <b>39.84</b>	320-100474 <b>49.84</b>	330-100474 <b>56.45</b>	340-100474 <b>205.45</b>	350-100474 <b>248.29</b>
	<b>8</b>	310-100475 <b>58.65</b>	320-100475 <b>83.04</b>	330-100475 <b>87.45</b>	340-100475 <b>279.44</b>	350-100475 <b>333.59</b>
	<b>10</b>	310-100476 <b>85.26</b>	320-100476 <b>127.34</b>	330-100476 <b>180.48</b>	340-100476 <b>432.99</b>	350-100476 <b>522.48</b>
	<b>12</b>	310-100477 <b>138.41</b>	320-100477 <b>186.01</b>	330-100477 <b>264.64</b>	340-100477 <b>627.38</b>	350-100477 <b>730.11</b>
	<b>15</b>	310-100478 <b>207.09</b>	---	---	---	---

**30° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100545 <b>132.17</b>	340-100545 <b>159.05</b>	350-100545 <b>166.78</b>
	<b>6</b>	---	320-100546 <b>171.61</b>	330-100546 <b>182.68</b>	340-100546 <b>236.38</b>	350-100546 <b>289.37</b>
	<b>8</b>	---	320-100547 <b>211.45</b>	330-100547 <b>256.88</b>	340-100547 <b>347.93</b>	350-100547 <b>430.76</b>
	<b>10</b>	---	320-100548 <b>297.85</b>	330-100548 <b>377.55</b>	340-100548 <b>577.67</b>	350-100548 <b>719.10</b>
	<b>12</b>	---	320-100549 <b>411.93</b>	330-100549 <b>548.10</b>	340-100549 <b>764.35</b>	350-100549 <b>902.43</b>

**30° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100569 <b>132.17</b>	340-100569 <b>159.05</b>	350-100569 <b>166.78</b>
	<b>6</b>	---	320-100570 <b>171.61</b>	330-100570 <b>182.68</b>	340-100570 <b>236.38</b>	350-100570 <b>289.37</b>
	<b>8</b>	---	320-100571 <b>211.45</b>	330-100571 <b>256.88</b>	340-100571 <b>347.93</b>	350-100571 <b>430.76</b>
	<b>10</b>	---	320-100572 <b>297.85</b>	330-100572 <b>377.55</b>	340-100572 <b>577.67</b>	350-100572 <b>719.10</b>
	<b>12</b>	---	320-100573 <b>411.93</b>	330-100573 <b>548.10</b>	340-100573 <b>764.35</b>	350-100573 <b>902.43</b>



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code: 340	Disc Code: 350	Disc Code: 360	Disc Code: 370	Disc Code: 380
		Part Number	Part Number	Part Number	Part Number	Part Number
		Price Each	Price Each	Price Each	Price Each	Price Each

**45° Elbow (Soc x Soc)**

	<b>6</b>	310-100592 <b>39.84</b>	320-100592 <b>49.84</b>	330-100592 <b>56.45</b>	340-100592 <b>205.45</b>	350-100592 <b>214.26</b>
	<b>8</b>	310-100593 <b>58.65</b>	320-100593 <b>83.04</b>	330-100593 <b>87.45</b>	340-100593 <b>279.44</b>	350-100593 <b>333.59</b>
	<b>10</b>	310-100594 <b>85.26</b>	320-100594 <b>127.34</b>	330-100594 <b>180.48</b>	340-100594 <b>432.99</b>	350-100594 <b>522.48</b>
	<b>12</b>	310-100595 <b>138.41</b>	320-100595 <b>186.01</b>	330-100595 <b>264.64</b>	340-100595 <b>627.38</b>	350-100595 <b>730.11</b>
	<b>15</b>	310-100596* <b>207.09</b>	---	---	---	---

\* 15" PIP O.D.

**45° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100657 <b>132.17</b>	340-100657 <b>159.05</b>	350-100657 <b>166.78</b>
	<b>6</b>	---	320-100658 <b>134.04</b>	330-100658 <b>182.68</b>	340-100658 <b>236.38</b>	350-100658 <b>289.37</b>
	<b>8</b>	---	320-100659 <b>189.97</b>	330-100659 <b>256.88</b>	340-100659 <b>347.93</b>	350-100659 <b>430.76</b>
	<b>10</b>	---	320-100660 <b>272.71</b>	330-100660 <b>377.55</b>	340-100660 <b>577.67</b>	350-100660 <b>717.37</b>
	<b>12</b>	---	320-100661 <b>388.11</b>	330-100661 <b>548.10</b>	340-100661 <b>764.35</b>	350-100661 <b>902.43</b>

**45° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100679 <b>132.17</b>	340-100679 <b>159.05</b>	350-100679 <b>166.78</b>
	<b>6</b>	---	320-100680 <b>134.04</b>	330-100680 <b>182.68</b>	340-100680 <b>236.38</b>	350-100680 <b>289.37</b>
	<b>8</b>	---	320-100681 <b>189.97</b>	330-100681 <b>256.88</b>	340-100681 <b>347.93</b>	350-100681 <b>430.76</b>
	<b>10</b>	---	320-100682 <b>272.71</b>	330-100682 <b>377.55</b>	340-100682 <b>577.67</b>	350-100682 <b>719.10</b>
	<b>12</b>	---	320-100683 <b>411.90</b>	330-100683 <b>548.10</b>	340-100683 <b>764.35</b>	350-100683 <b>902.43</b>

**60° Elbow (Soc x Soc)**

	<b>4</b>	---	---	330-100701 <b>71.26</b>	---	---
	<b>6</b>	310-100702 <b>75.29</b>	320-100702 <b>97.40</b>	330-100702 <b>108.49</b>	340-100702 <b>279.44</b>	350-100702 <b>302.65</b>
	<b>8</b>	310-100703 <b>102.96</b>	320-100703 <b>149.48</b>	330-100703 <b>178.24</b>	340-100703 <b>387.71</b>	350-100703 <b>439.61</b>
	<b>10</b>	310-100704 <b>160.56</b>	320-100704 <b>233.63</b>	330-100704 <b>282.35</b>	340-100704 <b>589.84</b>	350-100704 <b>724.57</b>
	<b>12</b>	310-100705 <b>229.20</b>	320-100705 <b>325.51</b>	330-100705 <b>431.85</b>	340-100705 <b>854.91</b>	350-100705 <b>972.02</b>
	<b>15</b>	310-100706* <b>428.56</b>	---	---	---	---

\* 15" PIP O.D.

**60° Elbow (Gasket x Spigot)**

	<b>4</b>	---	---	330-100767 <b>168.15</b>	340-100767 <b>250.72</b>	350-100767 <b>278.38</b>
	<b>6</b>	---	320-100768 <b>197.11</b>	330-100768 <b>226.99</b>	340-100768 <b>370.00</b>	350-100768 <b>388.80</b>
	<b>8</b>	---	320-100769 <b>298.97</b>	330-100769 <b>366.53</b>	340-100769 <b>527.96</b>	350-100769 <b>566.65</b>
	<b>10</b>	---	320-100770 <b>435.17</b>	330-100770 <b>576.87</b>	340-100770 <b>764.35</b>	350-100770 <b>933.33</b>
	<b>12</b>	---	320-100771 <b>583.55</b>	330-100771 <b>687.64</b>	340-100771 <b>1027.27</b>	350-100771 <b>1180.76</b>

**60° Elbow (Gasket x Gasket)**

	<b>4</b>	---	---	330-100789 <b>168.15</b>	340-100789 <b>250.72</b>	350-100789 <b>278.38</b>
	<b>6</b>	---	320-100790 <b>197.11</b>	330-100790 <b>226.99</b>	340-100790 <b>370.00</b>	350-100790 <b>388.80</b>
	<b>8</b>	---	320-100791 <b>298.97</b>	330-100791 <b>366.53</b>	340-100791 <b>527.96</b>	350-100791 <b>566.65</b>
	<b>10</b>	---	320-100792 <b>435.17</b>	330-100792 <b>576.87</b>	340-100792 <b>764.35</b>	350-100792 <b>933.33</b>
	<b>12</b>	---	320-100793 <b>583.55</b>	330-100793 <b>687.64</b>	340-100793 <b>1027.27</b>	350-100793 <b>1180.76</b>



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code 340 Part Number Price Each	Disc Code 350 Part Number Price Each	Disc Code 360 Part Number Price Each	Disc Code 370 Part Number Price Each	Disc Code 380 Part Number Price Each

**Coupling (Soc x Soc)**

	<b>6</b>	310-100002 <b>21.04</b>	320-100002 <b>25.43</b>	330-100002 <b>28.74</b>	340-100002 <b>34.22</b>	350-100002 <b>41.99</b>
	<b>8</b>	310-100003 <b>36.52</b>	320-100003 <b>44.27</b>	330-100003 <b>47.62</b>	340-100003 <b>62.99</b>	350-100003 <b>80.62</b>
	<b>10</b>	310-100004 <b>43.19</b>	320-100004 <b>73.07</b>	330-100004 <b>87.45</b>	340-100004 <b>100.02</b>	350-100004 <b>175.63</b>
	<b>12</b>	310-100005 <b>66.43</b>	320-100005 <b>114.03</b>	330-100005 <b>140.64</b>	340-100005 <b>160.17</b>	350-100005 <b>263.99</b>
	<b>15</b>	310-100006* <b>99.66</b>	---	---	---	---

\* 15" PIP O.D.

**Coupling (Gasket x Spigot)**

	<b>4</b>	---	320-100067 <b>38.73</b>	330-100067 <b>49.84</b>	340-100067 <b>55.61</b>	350-100067 <b>67.34</b>
	<b>6</b>	---	320-100068 <b>60.86</b>	330-100068 <b>66.43</b>	340-100068 <b>89.48</b>	350-100068 <b>94.99</b>
	<b>8</b>	---	320-100069 <b>98.53</b>	330-100069 <b>119.55</b>	340-100069 <b>142.50</b>	350-100069 <b>159.05</b>
	<b>10</b>	---	320-100070 <b>130.64</b>	330-100070 <b>159.44</b>	340-100070 <b>208.77</b>	350-100070 <b>263.99</b>
	<b>12</b>	---	320-100071 <b>180.48</b>	330-100071 <b>217.02</b>	340-100071 <b>313.69</b>	350-100071 <b>377.73</b>

**Coupling (Gasket x Gasket)**

	<b>4</b>	---	320-100089 <b>60.86</b>	330-100089 <b>71.96</b>	340-100089 <b>78.88</b>	350-100089 <b>86.76</b>
	<b>6</b>	---	320-100090 <b>91.87</b>	330-100090 <b>102.96</b>	340-100090 <b>108.20</b>	350-100090 <b>136.95</b>
	<b>8</b>	---	320-100091 <b>137.31</b>	330-100091 <b>149.48</b>	340-100091 <b>162.03</b>	350-100091 <b>181.15</b>
	<b>10</b>	---	320-100092 <b>194.86</b>	330-100092 <b>217.02</b>	340-100092 <b>261.80</b>	350-100092 <b>313.69</b>
	<b>12</b>	---	320-100093 <b>256.88</b>	330-100093 <b>297.85</b>	340-100093 <b>344.62</b>	350-100093 <b>467.20</b>

**Reducer Coupling (Soc x Soc)**

	<b>6X4</b>	310-100926 <b>28.74</b>	320-100926 <b>32.07</b>	330-100926 <b>36.52</b>	340-100926 <b>38.62</b>	350-100926 <b>48.59</b>
	<b>8X6</b>	310-100928 <b>37.66</b>	320-100928 <b>50.90</b>	330-100928 <b>56.45</b>	340-100928 <b>61.84</b>	350-100928 <b>67.34</b>
	<b>10X8</b>	310-100931 <b>53.13</b>	320-100931 <b>101.12</b>	330-100931 <b>90.78</b>	340-100931 <b>114.86</b>	350-100931 <b>136.95</b>
	<b>12X10</b>	310-100935 <b>93.03</b>	320-100935 <b>138.41</b>	330-100935 <b>172.70</b>	340-100935 <b>210.96</b>	350-100935 <b>225.33</b>
	<b>15X12</b>	310-100940** <b>174.94</b>	---	---	---	---

\*\* 15" PIP O.D. x IPS

**Reducer Coupling (Gasket x Spigot)**

	<b>6X4</b>	---	320-101310 <b>91.68</b>	330-101310 <b>108.49</b>	340-101310 <b>126.99</b>	350-101310 <b>140.27</b>
	<b>8X6</b>	---	320-101312 <b>131.72</b>	330-101312 <b>160.56</b>	340-101312 <b>197.69</b>	350-101312 <b>219.81</b>
	<b>10X8</b>	---	320-101315 <b>182.68</b>	330-101315 <b>217.02</b>	340-101315 <b>271.73</b>	350-101315 <b>309.26</b>
	<b>12X10</b>	---	320-101319 <b>259.09</b>	330-101319 <b>312.26</b>	340-101319 <b>439.61</b>	350-101319 <b>495.94</b>

**Reducer Coupling (Spigot x Gasket)**

	<b>6X4</b>	---	320-101383 <b>86.35</b>	330-101383 <b>97.40</b>	340-101383 <b>106.05</b>	350-101383 <b>121.48</b>
	<b>8X6</b>	---	320-101385 <b>115.19</b>	330-101385 <b>137.31</b>	340-101385 <b>175.63</b>	350-101385 <b>199.88</b>
	<b>10X8</b>	---	320-101388 <b>171.61</b>	330-101388 <b>211.45</b>	340-101388 <b>255.17</b>	350-101388 <b>300.43</b>
	<b>12X10</b>	---	320-101392 <b>256.88</b>	330-101392 <b>294.55</b>	340-101392 <b>414.20</b>	350-101392 <b>485.99</b>

**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Reducer Coupling (Gasket x Gasket)**

	<b>6X4</b>	---	320-101456 <b>115.19</b>	330-101456 <b>126.19</b>	340-101456 <b>149.13</b>	350-101456 <b>163.46</b>
	<b>8X6</b>	---	320-101458 <b>166.07</b>	330-101458 <b>182.68</b>	340-101458 <b>239.67</b>	350-101458 <b>261.80</b>
	<b>10X8</b>	---	320-101461 <b>229.20</b>	330-101461 <b>285.67</b>	340-101461 <b>342.37</b>	350-101461 <b>500.36</b>
	<b>12X10</b>	---	320-101465 <b>317.79</b>	330-101465 <b>359.88</b>	340-101465 <b>454.60</b>	350-101465 <b>744.48</b>

**Repair Coupling (Gasket x Gasket)**

	<b>4</b>	---	3228-040 <b>67.24</b>	3328-040 <b>71.96</b>	3428-040 <b>95.04</b>	3528-040 <b>115.29</b>
	<b>6</b>	---	3228-060 <b>94.20</b>	3328-060 <b>97.40</b>	3428-060 <b>121.55</b>	3528-060 <b>140.79</b>
	<b>8</b>	---	3228-080 <b>143.74</b>	3328-080 <b>149.48</b>	3428-080 <b>174.01</b>	3528-080 <b>189.66</b>
	<b>10</b>	---	3228-100 <b>205.22</b>	3328-100 <b>222.56</b>	3428-100 <b>274.04</b>	3528-100 <b>304.22</b>
	<b>12</b>	---	3228-120 <b>274.94</b>	3328-120 <b>297.85</b>	3428-120 <b>356.80</b>	3528-120 <b>424.88</b>
	<b>14</b>	---	3228-140 <b>394.85</b>	3328-140 <b>415.45</b>	3428-140 <b>450.95</b>	---
	<b>16</b>	---	3228-160 <b>520.64</b>	3328-160 <b>591.43</b>	3428-160 <b>641.51</b>	---

**Cross (Soc x Soc x Soc x Soc)**

	<b>4X2</b>	---	320-103280 <b>55.34</b>	330-103280 <b>83.04</b>	---	---
	<b>4X3</b>	---	320-103281 <b>60.86</b>	330-103281 <b>85.81</b>	---	---
	<b>6</b>	310-103286 <b>91.87</b>	320-103286 <b>159.44</b>	330-103286 <b>180.48</b>	340-103286 <b>372.21</b>	350-103286 <b>408.67</b>
	<b>6X2</b>	310-103283 <b>63.12</b>	320-103283 <b>68.66</b>	330-103283 <b>91.87</b>	340-103283 <b>272.83</b>	350-103283 <b>275.04</b>
	<b>6X3</b>	310-103284 <b>71.96</b>	320-103284 <b>86.35</b>	330-103284 <b>115.19</b>	340-103284 <b>283.86</b>	350-103284 <b>289.37</b>
	<b>6X4</b>	310-103285 <b>77.51</b>	320-103285 <b>97.40</b>	330-103285 <b>131.72</b>	340-103285 <b>305.96</b>	350-103285 <b>328.06</b>
	<b>8</b>	310-103291 <b>119.55</b>	320-103291 <b>207.09</b>	330-103291 <b>251.35</b>	340-103291 <b>561.10</b>	350-103291 <b>599.78</b>
	<b>8X2</b>	310-103287 <b>80.81</b>	320-103287 <b>102.96</b>	330-103287 <b>115.19</b>	340-103287 <b>350.16</b>	350-103287 <b>355.51</b>
	<b>8X3</b>	310-103288 <b>86.35</b>	320-103288 <b>115.19</b>	330-103288 <b>126.19</b>	340-103288 <b>361.17</b>	350-103288 <b>399.85</b>
	<b>8X4</b>	310-103289 <b>98.53</b>	320-103289 <b>131.72</b>	330-103289 <b>151.66</b>	340-103289 <b>386.57</b>	350-103289 <b>421.91</b>
	<b>8X6</b>	310-103290 <b>108.49</b>	320-103290 <b>160.56</b>	330-103290 <b>190.45</b>	340-103290 <b>450.67</b>	350-103290 <b>483.80</b>
	<b>10</b>	310-103297 <b>193.77</b>	320-103297 <b>308.91</b>	330-103297 <b>434.05</b>	340-103297 <b>927.83</b>	350-103297 <b>989.36</b>
	<b>10X2</b>	310-103292 <b>98.53</b>	320-103292 <b>142.79</b>	330-103292 <b>169.40</b>	340-103292 <b>542.33</b>	350-103292 <b>588.76</b>
	<b>10X3</b>	310-103293 <b>108.49</b>	320-103293 <b>161.64</b>	330-103293 <b>203.71</b>	340-103293 <b>550.06</b>	350-103293 <b>603.06</b>
	<b>10X4</b>	310-103294 <b>119.55</b>	320-103294 <b>180.48</b>	330-103294 <b>230.31</b>	340-103294 <b>597.54</b>	350-103294 <b>632.91</b>
	<b>10X6</b>	310-103295 <b>132.86</b>	320-103295 <b>200.41</b>	330-103295 <b>267.96</b>	340-103295 <b>667.15</b>	350-103295 <b>705.82</b>
	<b>10X8</b>	310-103296 <b>151.66</b>	320-103296 <b>245.81</b>	330-103296 <b>333.30</b>	340-103296 <b>750.01</b>	350-103296 <b>803.01</b>
	<b>12</b>	310-103304 <b>302.28</b>	320-103304 <b>476.11</b>	330-103304 <b>700.91</b>	340-103304 <b>1374.07</b>	350-103304 <b>1588.34</b>
	<b>12X2</b>	310-103298 <b>140.64</b>	320-103298 <b>188.23</b>	330-103298 <b>274.59</b>	340-103298 <b>689.27</b>	350-103298 <b>694.74</b>
	<b>12X3</b>	310-103299 <b>153.87</b>	320-103299 <b>217.02</b>	330-103299 <b>285.67</b>	340-103299 <b>725.83</b>	350-103299 <b>763.39</b>
	<b>12X4</b>	310-103300 <b>163.86</b>	320-103300 <b>259.50</b>	330-103300 <b>319.99</b>	340-103300 <b>819.56</b>	350-103300 <b>832.84</b>
	<b>12X6</b>	310-103301 <b>172.70</b>	320-103301 <b>270.16</b>	330-103301 <b>367.61</b>	340-103301 <b>900.20</b>	350-103301 <b>916.79</b>
	<b>12X8</b>	310-103302 <b>199.30</b>	320-103302 <b>315.56</b>	330-103302 <b>431.85</b>	340-103302 <b>1005.12</b>	350-103302 <b>1027.27</b>
	<b>12X10</b>	310-103303 <b>238.02</b>	320-103303 <b>391.95</b>	330-103303 <b>548.10</b>	340-103303 <b>1152.02</b>	350-103303 <b>1194.01</b>

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**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
**Progressive Products from Spears® Innovation and Technology**

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**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Cross (Soc x Soc x Soc x Soc) (continued)**

	<b>15</b>	310-103321* <b>513.79</b>	---	---	---	---
	<b>15X2</b>	310-103313** <b>221.44</b>	---	---	---	---
	<b>15X3</b>	310-103314** <b>249.16</b>	---	---	---	---
	<b>15X4</b>	310-103315** <b>274.59</b>	---	---	---	---
	<b>15X6</b>	310-103316** <b>314.48</b>	---	---	---	---
	<b>15X8</b>	310-103317** <b>343.24</b>	---	---	---	---
	<b>15X10</b>	310-103318** <b>372.03</b>	---	---	---	---
	<b>15X12</b>	310-103319** <b>411.93</b>	---	---	---	---

\* 15" PIP O.D.  
 \*\* 15" PIP O.D. x IPS

**Cross (Gasket x Gasket x Gasket x Gasket)**

	<b>4</b>	---	320-103997 <b>193.77</b>	330-103997 <b>210.39</b>	340-103997 <b>263.00</b>	350-103997 <b>284.04</b>
	<b>6</b>	---	320-104001 <b>225.86</b>	330-104001 <b>283.44</b>	340-104001 <b>472.72</b>	350-104001 <b>599.78</b>
	<b>6X4</b>	---	320-104000 <b>204.85</b>	330-104000 <b>260.20</b>	340-104000 <b>372.21</b>	350-104000 <b>467.20</b>
	<b>8</b>	---	320-104006 <b>369.84</b>	330-104006 <b>423.00</b>	340-104006 <b>733.44</b>	350-104006 <b>911.28</b>
	<b>8X4</b>	---	320-104004 <b>276.81</b>	330-104004 <b>321.09</b>	340-104004 <b>508.04</b>	350-104004 <b>610.81</b>
	<b>8X6</b>	---	320-104005 <b>332.16</b>	330-104005 <b>365.37</b>	340-104005 <b>609.71</b>	350-104005 <b>711.32</b>
	<b>10</b>	---	320-104012 <b>555.87</b>	330-104012 <b>735.28</b>	340-104012 <b>1221.63</b>	350-104012 <b>1360.80</b>
	<b>10X4</b>	---	320-104009 <b>387.54</b>	330-104009 <b>470.60</b>	340-104009 <b>660.51</b>	350-104009 <b>788.67</b>
	<b>10X6</b>	---	320-104010 <b>442.89</b>	330-104010 <b>487.21</b>	340-104010 <b>808.54</b>	350-104010 <b>900.20</b>
	<b>10X8</b>	---	320-104011 <b>498.29</b>	330-104011 <b>636.71</b>	340-104011 <b>994.11</b>	350-104011 <b>1027.27</b>
	<b>12</b>	---	320-104019 <b>754.06</b>	330-104019 <b>1032.04</b>	340-104019 <b>1702.11</b>	350-104019 <b>1916.39</b>
	<b>12X4</b>	---	320-104015 <b>553.65</b>	330-104015 <b>609.03</b>	340-104015 <b>968.66</b>	350-104015 <b>1111.17</b>
	<b>12X6</b>	---	320-104016 <b>609.03</b>	330-104016 <b>642.23</b>	340-104016 <b>1110.70</b>	350-104016 <b>1185.18</b>
	<b>12X8</b>	---	320-104017 <b>664.37</b>	330-104017 <b>752.97</b>	340-104017 <b>1253.63</b>	350-104017 <b>1281.28</b>
	<b>12X10</b>	---	320-104018 <b>708.69</b>	330-104018 <b>907.99</b>	340-104018 <b>1469.07</b>	350-104018 <b>1499.99</b>

**Surface Reducer (Soc)**

	<b>6X2</b>	310-102013 <b>30.99</b>	---	330-102013 <b>44.27</b>	---	---
	<b>6X3</b>	310-102015 <b>30.99</b>	---	330-102015 <b>44.27</b>	---	---
	<b>6X4</b>	310-102016 <b>30.99</b>	---	---	---	---
	<b>8X2</b>	310-102018 <b>42.02</b>	---	330-102018 <b>88.59</b>	---	---
	<b>8X3</b>	310-102020 <b>42.02</b>	---	330-102020 <b>88.59</b>	---	---
	<b>8X4</b>	310-102021 <b>42.02</b>	---	330-102021 <b>88.59</b>	---	---
	<b>8X6</b>	310-102022 <b>42.02</b>	---	3340-585 <b>88.59</b>	---	---
	<b>10X2</b>	310-102024 <b>67.52</b>	---	330-102024 <b>138.41</b>	---	---
	<b>10X3</b>	310-102026 <b>67.52</b>	---	330-102026 <b>138.41</b>	---	---
	<b>10X4</b>	310-102027 <b>67.52</b>	---	330-102027 <b>138.41</b>	---	---
	<b>10X6</b>	310-102028 <b>67.52</b>	---	330-102028 <b>138.41</b>	---	---

**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



	Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
		Disc Code: 340	Disc Code: 350	Disc Code: 360	Disc Code: 370	Disc Code: 380
		Part Number	Part Number	Part Number	Part Number	Part Number
		Price Each	Price Each	Price Each	Price Each	Price Each

**Surface Reducer (Soc) (continued)**

	<b>10X8</b>	310-102029 67.52	---	330-102029 138.41	---	---
	<b>12X2</b>	310-102031 83.04	---	330-102031 249.16	---	---
	<b>12X3</b>	310-102033 83.04	---	330-102033 249.16	---	---
	<b>12X4</b>	310-102034 83.04	---	330-102034 249.16	---	---
	<b>12X6</b>	310-102035 83.04	---	330-102035 249.16	---	---
	<b>12X8</b>	310-102036 83.04	---	330-102036 249.16	---	---
	<b>12X10</b>	310-102037 83.04	---	330-102037 249.16	---	---

**Cap (Soc)**

	<b>6</b>	310-107540 21.04	---	330-107540 40.95	---	---
	<b>8</b>	310-107541 38.73	---	330-107541 53.13	---	---
	<b>10</b>	310-107542 66.43	---	330-107542 85.26	---	---
	<b>12</b>	310-107543 81.31	---	330-107543 163.86	---	---

**Cap (Gasket)**

	<b>4</b>	---	---	330-107565 74.71	---	---
	<b>6</b>	---	---	330-107566 106.27	---	---
	<b>8</b>	---	---	330-107567 180.48	---	---
	<b>10</b>	---	---	330-107568 291.18	---	---
	<b>12</b>	---	---	330-107569 439.59	---	---

**Saddle (Soc)**


	<b>6</b>	310-101937 29.90	---	---	---	---
	<b>6X2</b>	310-101789 23.22	---	330-101789 66.43	---	---
	<b>6X3</b>	310-101797 25.43	---	330-101797 77.51	---	---
	<b>6X4</b>	310-101804 28.74	---	330-101804 88.59	---	---
	<b>8</b>	310-101938 44.27	---	---	---	---
	<b>8X2</b>	310-101790 23.22	---	330-101790 66.43	---	---
	<b>8X3</b>	310-101798 25.43	---	330-101798 77.51	---	---
	<b>8X4</b>	310-101805 28.74	---	330-101805 88.59	---	---
	<b>8X6</b>	310-101811 29.90	---	330-101811 99.66	---	---
	<b>10</b>	310-101939 68.66	---	---	---	---
	<b>10X2</b>	310-101791 23.22	---	330-101791 66.43	---	---
	<b>10X3</b>	310-101799 25.43	---	330-101799 77.51	---	---
	<b>10X4</b>	310-101806 28.74	---	330-101806 88.59	---	---
	<b>10X6</b>	310-101812 29.90	---	330-101812 99.66	---	---
	<b>10X8</b>	310-101817 44.27	---	330-101817 110.71	---	---
	<b>12</b>	310-101940 102.71	---	---	---	---
	<b>12X2</b>	310-101792 31.14	---	330-101792 66.43	---	---



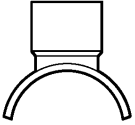
**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**

Size	CLASS 63	CLASS 100	CLASS 125	CLASS 160	CLASS 200
	Disc Code: 340 Part Number Price Each	Disc Code: 350 Part Number Price Each	Disc Code: 360 Part Number Price Each	Disc Code: 370 Part Number Price Each	Disc Code: 380 Part Number Price Each

**Saddle (Soc) (continued)**

	<b>12X3</b>	310-101800 25.43	---	330-101800 77.51	---	---
	<b>12X4</b>	310-101807 28.74	---	330-101807 88.59	---	---
	<b>12X6</b>	310-101813 29.90	---	330-101813 99.66	---	---
	<b>12X8</b>	310-101818 44.27	---	330-101818 110.71	---	---
	<b>12X10</b>	310-101822 68.66	---	330-101822 121.79	---	---

**Stub Saddle (Soc)**

	<b>6</b>	310-101949 48.69	---	---	---	---
	<b>6X2</b>	310-101884 32.07	---	330-101884 58.65	---	---
	<b>6X3</b>	310-101892 37.66	---	330-101892 64.19	---	---
	<b>6X4</b>	310-101899 43.19	---	330-101899 71.96	---	---
	<b>8</b>	310-101950 66.43	---	---	---	---
	<b>8X2</b>	310-101885 32.07	---	330-101885 58.65	---	---
	<b>8X3</b>	310-101893 37.66	---	330-101893 64.19	---	---
	<b>8X4</b>	310-101900 43.19	---	330-101900 71.96	---	---
	<b>8X6</b>	310-101906 48.69	---	330-101906 87.45	---	---
	<b>10</b>	310-101951 91.87	---	---	---	---
	<b>10X2</b>	310-101886 32.07	---	330-101886 58.65	---	---
	<b>10X3</b>	310-101894 37.66	---	330-101894 64.19	---	---
	<b>10X4</b>	310-101901 43.19	---	330-101901 71.96	---	---
	<b>10X6</b>	310-101907 48.69	---	330-101907 87.45	---	---
	<b>10X8</b>	310-101912 66.43	---	330-101912 100.73	---	---
	<b>12</b>	310-101952 115.19	---	---	---	---
	<b>12X2</b>	310-101887 32.07	---	330-101887 58.65	---	---
	<b>12X3</b>	310-101895 37.66	---	330-101895 64.19	---	---
	<b>12X4</b>	310-101902 43.19	---	330-101902 83.07	---	---
	<b>12X6</b>	310-101908 48.69	---	330-101908 87.45	---	---
<b>12X8</b>	310-101913 66.43	---	330-101913 100.73	---	---	
<b>12X10</b>	310-101917 91.87	---	330-101917 106.27	---	---	



**Fabricated Fittings**  
**PVC Class 63, 100, 125, 160 & 200 IPS Fabricated Fittings & Molded Class 125**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Tee, Class 125 Molded**



12501-100	<b>10</b>	1	0	361	359.77
12501-120	<b>12</b>	1	0	361	539.62

**90° Elbow, Class 125 Molded**



12506-100	<b>10</b>	1	0	361	301.77
12506-120	<b>12</b>	1	0	361	461.55

**45° Elbow, Class 125 Molded**



12517-100	<b>10</b>	1	0	361	192.89
12517-120	<b>12</b>	1	0	361	282.84

**Coupling, Class 125 Molded**



12529-100	<b>10</b>	1	0	361	93.47
12529-120	<b>12</b>	1	0	361	150.33

**Reducer Coupling, Class 125 Molded**



12529-626	<b>10X6</b>	2	0	361	155.84
12529-628	<b>10X8</b>	4	0	361	97.05
12529-668	<b>12X8</b>	2	0	361	231.88
12529-670	<b>12X10</b>	2	0	361	184.60

**Reducer Bushing, Class 125 Molded**



12537-626	<b>10X6</b>	1	2	361	147.94
12537-628	<b>10X8</b>	4	0	361	147.94
12537-668	<b>12X8</b>	1	2	361	266.31
12537-670	<b>12X10</b>	1	2	361	264.70



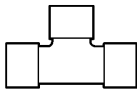
**Fabricated Fittings  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

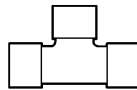
**TEE (Soc x Soc x Soc)**

6	3701-060 <b>110.71</b>	3901-060 <b>192.55</b>
6X2	3701-528' <b>95.67</b>	3901-528 <b>143.46</b>
6X3	3701-530' <b>100.49</b>	3901-530 <b>150.21</b>
6X4	3701-532 <b>105.11</b>	3901-532 <b>155.95</b>
8	3701-080 <b>180.35</b>	3901-080 <b>305.62</b>
8X2	3701-578' <b>112.49</b>	3901-578 <b>200.93</b>
8X3	3701-580' <b>117.96</b>	3901-580 <b>226.39</b>
8X4	3701-582 <b>121.17</b>	3901-582 <b>231.44</b>
8X6	3701-585 <b>131.48</b>	3901-585 <b>240.28</b>
10	3701-100 <b>350.77</b>	3901-100 <b>476.69</b>
10X2	3701-621' <b>183.12</b>	3901-621 <b>283.51</b>
10X3	3701-623' <b>186.51</b>	3901-623 <b>308.79</b>
10X4	3701-624 <b>191.07</b>	3901-624 <b>349.32</b>
10X6	3701-626 <b>233.56</b>	3901-626 <b>426.85</b>
10X8	3701-628 <b>313.11</b>	3901-628 <b>447.31</b>
12	3701-120 <b>466.17</b>	3901-120 <b>656.79</b>
12X2	3701-661' <b>244.48</b>	3901-661 <b>351.10</b>
12X3	3701-663' <b>248.09</b>	3901-663 <b>409.17</b>
12X4	3701-664 <b>254.33</b>	3901-664 <b>464.87</b>
12X6	3701-666 <b>295.40</b>	3901-666 <b>540.86</b>
12X8	3701-668 <b>352.84</b>	3901-668 <b>595.50</b>
12X10	3701-670 <b>402.07</b>	3901-670 <b>603.30</b>
14	3701-140' <b>916.36</b>	3901-140 <b>1179.59</b>
14X2	3701-691' <b>387.72</b>	3901-691 <b>621.73</b>
14X3	3701-693' <b>429.13</b>	3901-693 <b>695.59</b>
14X4	3701-694' <b>478.43</b>	3901-694 <b>765.55</b>
14X6	3701-696' <b>561.48</b>	3901-696 <b>898.39</b>
14X8	3701-698' <b>669.44</b>	3901-698 <b>1076.36</b>
14X10	3701-700' <b>760.96</b>	3901-700 <b>1132.32</b>
14X12	3701-702' <b>900.20</b>	3901-702 <b>1143.32</b>
16	3701-160 <b>1297.13</b>	3901-160 <b>1858.31</b>
16X2	3701-751 <b>552.88</b>	3901-751 <b>797.09</b>
16X3	3701-753 <b>558.94</b>	3901-753 <b>881.66</b>
16X4	3701-754 <b>593.33</b>	3901-754 <b>949.27</b>
16X6	3701-756 <b>641.80</b>	3901-756 <b>1026.80</b>
16X8	3701-758 <b>751.34</b>	3901-758 <b>1202.80</b>
16X10	3701-760 <b>944.45</b>	3901-760 <b>1346.67</b>



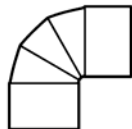
**TEE (Soc x Soc x Soc) (continued)**

16X12	3701-762 <b>1072.44</b>	3901-762 <b>1707.23</b>
16X14	3701-764 <b>1272.74</b>	3901-764 <b>1765.37</b>
18	3701-180 <b>1612.00</b>	3901-180 <b>2006.31</b>
18X4	3701-784 <b>947.53</b>	3901-784 <b>1101.71</b>
18X6	3701-786 <b>962.53</b>	3901-786 <b>1246.67</b>
18X8	3701-788 <b>1002.03</b>	3901-788 <b>1293.34</b>
18X10	3701-790 <b>1129.40</b>	3901-790 <b>1306.93</b>
18X12	3701-792 <b>1203.17</b>	3901-792 <b>1606.62</b>
18X14	3701-794 <b>1290.49</b>	3901-794 <b>1847.55</b>
18X16	3701-796 <b>1385.13</b>	3901-796 <b>1887.88</b>
20	3701-200 <b>2146.70</b>	3901-200 <b>2887.18</b>
20X4	3701-814 <b>1145.17</b>	3901-814 <b>1529.59</b>
20X6	3701-816 <b>1211.77</b>	3901-816 <b>1724.96</b>
20X8	3701-818 <b>1280.45</b>	3901-818 <b>2118.45</b>
20X10	3701-820 <b>1374.15</b>	3901-820 <b>2188.67</b>
20X12	3701-822 <b>1455.04</b>	3901-822 <b>2311.86</b>
20X14	3701-824 <b>1570.19</b>	3901-824 <b>2514.57</b>
20X16	3701-826 <b>1672.01</b>	3901-826 <b>2560.44</b>
20X18	3701-828 <b>1844.28</b>	3901-828 <b>2768.27</b>
24	3701-240 <b>2674.43</b>	3901-240 <b>3463.00</b>
24X4	3701-904 <b>1576.88</b>	3901-904 <b>1896.26</b>
24X6	3701-906 <b>1657.51</b>	3901-906 <b>2138.54</b>
24X8	3701-908 <b>1758.49</b>	3901-908 <b>2313.36</b>
24X10	3701-910 <b>1857.78</b>	3901-910 <b>2517.20</b>
24X12	3701-912 <b>1957.64</b>	3901-912 <b>2648.74</b>
24X14	3701-914 <b>2091.70</b>	3901-914 <b>2936.91</b>
24X16	3701-916 <b>2212.46</b>	3901-916 <b>3030.54</b>
24X18	3701-918 <b>2403.67</b>	3901-918 <b>3178.38</b>
24X20	3701-920 <b>2580.67</b>	3901-920 <b>3324.62</b>



**90° ELBOW (Soc x Soc)**

6	3706-060 <b>109.30</b>	3906-060 <b>141.49</b>
8	3706-080 <b>151.84</b>	3906-080 <b>237.64</b>
10	3706-100 <b>240.02</b>	3906-100 <b>469.12</b>
12	3706-120 <b>369.21</b>	3906-120 <b>684.10</b>
14	3706-140' <b>494.47</b>	3906-140 <b>1006.52</b>
16	3706-160 <b>733.28</b>	3906-160 <b>1251.81</b>
18	3706-180 <b>1090.59</b>	3906-180 <b>1611.51</b>



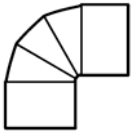
## Fabricated Fittings PVC Schedule 40 & 80 DWV Fabricated Fittings




Size	SCH 40 LOW PR	SCH 80 LOW PR
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

Size	SCH 40 DWV	SCH 80 DWV
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

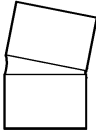
### 90° ELBOW (Soc x Soc) (continued)

	20	3706-200 1226.65	3906-200 1900.03
	24	3706-240 1533.97	3906-240 2842.99

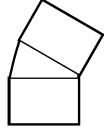
### 22-1/2° STREET ELL (Spig x Soc)

	6	3742-060 69.04	3942-060 109.23
	8	3742-080 116.71	3942-080 178.84
	10	3742-100 176.11	3942-100 316.99
	12	3742-120 278.61	3942-120 463.29
	14	3742-140 438.02	3942-140 709.24
	16	3742-160 431.09	3942-160 948.04
	18	3742-180 717.09	3942-180 1222.30
	20	3742-200 1092.49	3942-200 1679.19
	24	3742-240 1694.91	3942-240 1921.16

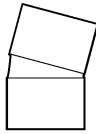
### 11-1/4° ELBOW (Soc x Soc)

	4	3711-040 39.07	3911-040 53.13
	6	3711-060 62.77	3911-060 99.33
	8	3711-080 106.11	3911-080 162.59
	10	3711-100 160.11	3911-100 288.16
	12	3711-120 253.29	3911-120 421.16
	14	3711-140 398.21	3911-140 644.76
	16	3711-160 542.83	3911-160 861.86
	18	3711-180 607.52	3911-180 1112.61
	20	3711-200 805.84	3911-200 1426.34
	24	3711-240 1440.68	3911-240 1632.63


### 30° ELBOW (Soc x Soc)

	4	3715-040 39.07	3915-040 53.13
	6	3715-060 62.77	3915-060 99.33
	8	3715-080 106.11	3915-080 162.59
	10	3715-100 160.11	3915-100 288.16
	12	3715-120 253.29	3915-120 421.16
	14	3715-140 398.21	3915-140 644.76
	16	3715-160 542.83	3915-160 861.86
	18	3715-180 651.90	3915-180 1112.61
	20	3715-200 805.84	3915-200 1426.34
	24	3715-240 1440.68	3915-240 1632.63

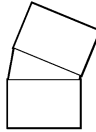
### 15° ELBOW (Soc x Soc)

	4	3718-040 39.07	3918-040 53.13
	6	3718-060 62.77	3918-060 99.33
	8	3718-080 106.11	3918-080 162.59
	10	3718-100 160.11	3918-100 288.16
	12	3718-120 253.29	3918-120 421.16
	14	3718-140 398.21	3918-140 644.76
	16	3718-160 542.83	3918-160 861.86
	18	3718-180 607.52	3918-180 1112.61
	20	3718-200 805.84	3918-200 1426.34
	24	3718-240 1440.68	3918-240 1632.63


### 45° ELBOW (Soc x Soc)

	4	3717-040 95.45	3917-040 116.79
	6	3717-060 101.45	3917-060 166.47
	8	3717-080 121.48	3917-080 178.88
	10	3717-100 199.80	3917-100 327.68
	12	3717-120 280.61	3917-120 468.44
	14	3717-140 486.55	3917-140 673.20
	16	3717-160 600.76	3917-160 871.77
	18	3717-180 693.29	3917-180 1179.26
	20	3717-200 946.62	3917-200 1481.21
	24	3717-240 1257.83	3917-240 1743.77

### 22-1/2° ELBOW (Soc x Soc)

	4	3716-040 39.07	3916-040 53.13
	6	3716-060 62.77	3916-060 99.33
	8	3716-080 106.11	3916-080 162.59
	10	3716-100 160.11	3916-100 288.16
	12	3716-120 253.29	3916-120 421.16
	14	3716-140 398.21	3916-140 644.76
	16	3716-160 542.83	3916-160 861.86
	18	3716-180 651.90	3916-180 1112.61
	20	3716-200 805.84	3916-200 1426.34
	24	3716-240 1440.68	3916-240 1632.63

### 45° STREET ELL (Spig x Soc)

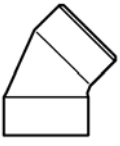
	4	3727-040 95.45	3927-040 116.79
	6	3727-060 101.45	3927-060 166.47
	8	3727-080 121.48	3927-080 178.88
	10	3727-100 199.80	3927-100 327.68
	12	3727-120 280.61	3927-120 468.44
	14	3727-140 486.55	3927-140 673.20



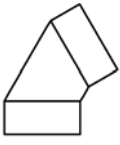
**Fabricated Fittings**  
**PVC Schedule 40 & 80 DWV Fabricated Fittings**

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

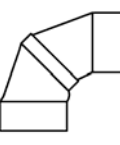
**45° STREET ELL (Spig x Soc) (continued)**

	16	3727-160 <b>600.76</b>	3927-160 <b>871.77</b>
	18	3727-180 <b>693.29</b>	3927-180 <b>1179.26</b>
	20	3727-200 <b>946.62</b>	3927-200 <b>1481.21</b>
	24	3727-240 <b>1257.83</b>	3927-240 <b>1743.77</b>

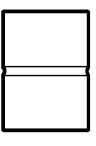
**60° ELBOW (Soc x Soc)**

	6	3724-060' <b>121.24</b>	3924-060 <b>176.85</b>
	8	3724-080' <b>172.98</b>	3924-080 <b>297.10</b>
	10	3724-100' <b>289.87</b>	3924-100 <b>556.88</b>
	12	3724-120' <b>379.79</b>	3924-120 <b>819.63</b>
	14	3724-140' <b>696.16</b>	3924-140 <b>1191.02</b>
	16	3724-160 <b>846.39</b>	3924-160 <b>1447.14</b>
	18	3724-180 <b>1087.36</b>	3924-180 <b>1611.51</b>
	20	3724-200 <b>1159.96</b>	3924-200 <b>1900.03</b>
24	3724-240 <b>1494.50</b>	3924-240 <b>2029.83</b>	

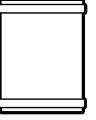
**90° STREET ELL (Spig x Soc)**

	4	---	3909-040 <b>133.13</b>
	6	3709-060' <b>116.02</b>	3909-060 <b>157.77</b>
	8	3709-080' <b>159.60</b>	3909-080 <b>259.82</b>
	10	3709-100' <b>266.68</b>	3909-100 <b>514.97</b>
	12	3709-120' <b>388.65</b>	3909-120 <b>756.59</b>
	14	3709-140' <b>537.45</b>	3909-140 <b>1105.64</b>
	16	3709-160 <b>835.91</b>	3909-160 <b>1373.12</b>
	18	3709-180 <b>1208.94</b>	3909-180 <b>1768.33</b>
	20	3709-200 <b>1362.76</b>	3909-200 <b>2086.43</b>
	24	3709-240 <b>1704.09</b>	3909-240 <b>2229.04</b>

**COUPLING (Soc x Soc)**

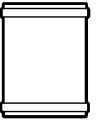
	8	3729-080 <b>69.27</b>	3929-080 <b>153.35</b>
	10	3729-100 <b>85.18</b>	3929-100 <b>167.01</b>
	12	3729-120 <b>125.39</b>	3929-120 <b>192.51</b>
	14	3729-140 <b>203.61</b>	3929-140 <b>384.95</b>
	16	3729-160 <b>227.10</b>	3929-160 <b>457.66</b>
	18	3729-180 <b>387.28</b>	3929-180 <b>902.11</b>
	20	3729-200 <b>675.61</b>	3929-200 <b>1112.26</b>
	24	3729-240 <b>938.29</b>	3929-240 <b>1918.73</b>

**REPAIR COUPLING (Gasket x Gasket)**

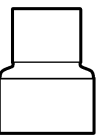
	4	3728-040 <b>67.14</b>	3928-040 <b>78.44</b>
	6	3728-060 <b>93.39</b>	3928-060 <b>110.54</b>
	8	3728-080 <b>147.01</b>	3928-080 <b>187.00</b>

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**REPAIR COUPLING (Gasket x Gasket) (continued)**

	10	3728-100 <b>193.96</b>	3928-100 <b>261.66</b>
	12	3728-120 <b>243.33</b>	3928-120 <b>332.52</b>
	14	3728-140 <b>422.24</b>	3928-140 <b>736.29</b>
	16	3728-160 <b>622.10</b>	3928-160 <b>1104.65</b>
	18	3728-180 <b>813.27</b>	3928-180 <b>1435.96</b>
	20	3728-200 <b>1262.90</b>	3928-200 <b>1723.17</b>
	24	3728-240 <b>1712.80</b>	3928-240 <b>2324.28</b>

**REDUCER COUPLING (Soc x Soc)**

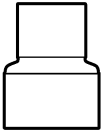
	6X2	3729-528' <b>100.74</b>	3929-528 <b>174.67</b>
	6X3	3729-530' <b>99.16</b>	3929-530 <b>129.03</b>
	6X4	3729-532 <b>35.98</b>	3929-532 <b>84.89</b>
	8X2	3729-578 <b>169.45</b>	3929-578 <b>235.97</b>
	8X3	3729-580 <b>156.87</b>	3929-580 <b>206.24</b>
	8X4	3729-582' <b>89.18</b>	3929-582 <b>162.98</b>
	8X6	3729-585' <b>76.65</b>	3929-585 <b>149.99</b>
	10X4	3729-624' <b>201.24</b>	3929-624 <b>382.88</b>
	10X6	3729-626' <b>187.54</b>	3929-626 <b>305.50</b>
	10X8	3729-628' <b>131.26</b>	3929-628 <b>163.29</b>
	12X4	3729-664' <b>378.38</b>	3929-664 <b>550.13</b>
	12X6	3729-666' <b>286.90</b>	3929-666 <b>453.59</b>
	12X8	3729-668' <b>252.50</b>	3929-668 <b>393.61</b>
	12X10	3729-670' <b>191.07</b>	3929-670 <b>241.77</b>
	14X4	3729-694' <b>608.91</b>	3929-694 <b>744.37</b>
	14X6	3729-696' <b>589.49</b>	3929-696 <b>664.89</b>
	14X8	3729-698' <b>426.71</b>	3929-698 <b>654.00</b>
	14X10	3729-700' <b>360.39</b>	3929-700 <b>552.13</b>
	14X12	3729-702' <b>320.05</b>	3929-702 <b>352.96</b>
	16X4	3729-754 <b>651.72</b>	3929-754 <b>1093.81</b>
	16X6	3729-756 <b>600.30</b>	3929-756 <b>1025.46</b>
	16X8	3729-758 <b>546.24</b>	3929-758 <b>968.50</b>
	16X10	3729-760 <b>487.84</b>	3929-760 <b>673.34</b>
	16X12	3729-762 <b>442.89</b>	3929-762 <b>618.99</b>
	16X14	3729-764 <b>384.10</b>	3929-764 <b>521.83</b>
	18X6	3729-786 <b>1084.87</b>	3929-786 <b>1580.91</b>
	18X8	3729-788 <b>920.14</b>	3929-788 <b>1462.96</b>
	18X10	3729-790 <b>858.57</b>	3929-790 <b>1344.46</b>
	18X12	3729-792 <b>803.86</b>	3929-792 <b>1123.63</b>

## Fabricated Fittings PVC Schedule 40 & 80 DWV Fabricated Fittings

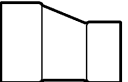


Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

### REDUCER COUPLING (Soc x Soc) (continued)

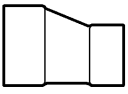
	18X14	3729-794 741.35	3929-794 1088.06
	18X16	3729-796 553.79	3929-796 930.04
	20X6	3729-816 1358.83	3929-816 2223.06
	20X8	3729-818 1315.98	3929-818 2197.33
	20X10	3729-820 1153.72	3929-820 2181.00
	20X12	3729-822 1137.91	3929-822 2045.36
	20X14	3729-824 1123.86	3929-824 2029.10
	20X16	3729-826 1060.22	3929-826 1625.01
	20X18	3729-828 936.64	3929-828 1120.57
	24X6	3729-906 2732.86	3929-906 3758.81
	24X8	3729-908 2654.56	3929-908 3727.45
	24X10	3729-910 2194.81	3929-910 3714.71
	24X12	3729-912 2122.45	3929-912 3654.69
	24X14	3729-914 2012.56	3929-914 3642.45
	24X16	3729-916 1847.93	3929-916 3502.51
	24X18	3729-918 1636.31	3929-918 2670.40
	24X20	3729-920 1230.10	3929-920 2394.88

### ECCENTRIC REDUCER COUPLING (Soc x Soc)

	3X2	3729-338E 31.95	3929-338E 44.51
	4X2	3729-420E <sup>2</sup> 43.39	3929-420E <sup>2</sup> 113.55
	4X3	3729-422E 40.10	3929-422E 52.54
	6X2	3729-528E <sup>3*</sup> 97.94	3929-528E <sup>3</sup> 147.83
	6X3	3729-530E <sup>2*</sup> 90.21	3929-530E <sup>2</sup> 143.62
	6X4	3729-532E <sup>2</sup> 45.11	3929-532E 109.54
	8X3	3729-580E <sup>3*</sup> 186.07	3929-580E <sup>3</sup> 208.73
	8X4	3729-582E <sup>2*</sup> 92.91	3929-582E <sup>2</sup> 189.46
	8X6	3729-585E <sup>7</sup> 75.11	3929-585E 145.69
	10X4	3729-624E <sup>2*</sup> 212.45	3929-624E <sup>3</sup> 320.61
	10X6	3729-626E <sup>7</sup> 195.34	3929-626E <sup>2</sup> 272.11
	10X8	3729-628E <sup>7</sup> 184.17	3929-628E 251.44
	12X4	3729-664E <sup>3*</sup> 396.38	3929-664E <sup>4</sup> 490.28
	12X6	3729-666E <sup>2*</sup> 325.70	3929-666E <sup>3</sup> 403.49
	12X8	3729-668E <sup>2*</sup> 215.98	3929-668E <sup>2</sup> 348.59
	12X10	3729-670E <sup>7</sup> 187.26	3929-670E 222.82
	14X6	3729-696E <sup>3</sup> 661.64	3929-696E <sup>4</sup> 798.65
	14X8	3729-698E <sup>3</sup> 541.99	3929-698E <sup>3</sup> 714.44
	14X10	3729-700E <sup>2</sup> 492.01	3929-700E <sup>2</sup> 517.24

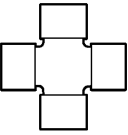
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

### ECCENTRIC REDUCER COUPLING (Soc x Soc) (continued)

	14X12	3729-702E 300.79	3929-702E 475.68
	16X6	3729-756E <sup>3</sup> 691.36	3929-756E <sup>5</sup> 1475.54
	16X8	3729-758E <sup>3</sup> 681.67	3929-758E <sup>3</sup> 1351.18
	16X10	3729-760E <sup>2</sup> 504.07	3929-760E <sup>3</sup> 982.94
	16X12	3729-762E 479.65	3929-762E <sup>2</sup> 872.69
	16X14	3729-764E 426.20	3929-764E 675.95
	18X6	3729-786E <sup>4</sup> 982.67	3929-786E <sup>6</sup> 2036.86
	18X8	3729-788E <sup>4</sup> 968.12	3929-788E <sup>5</sup> 1949.82
	18X10	3729-790E <sup>3</sup> 898.80	3929-790E <sup>4</sup> 1822.05
	18X12	3729-792E <sup>2</sup> 811.16	3929-792E <sup>3</sup> 1626.32
	18X14	3729-794E <sup>2</sup> 717.18	3929-794E <sup>2</sup> 1340.80
	18X16	3729-796E 578.53	3929-796E 1308.31

2=Two-Step Design, 3=Three-Step Design, 4=Four-Step Design, 5=Five-Step Design, 6=Six-Step Design

### CROSS (Soc x Soc x Soc x Soc)

	4X2	---	3920-420 122.31
	4X3	---	3920-422 134.60
	6	3720-060 142.23	3920-060 331.73
	6X2	3720-528 106.77	3920-528 171.87
	6X3	3720-530 126.44	3920-530 193.72
	6X4	3720-532 139.40	3920-532 239.18
	8	3720-080 287.27	3920-080 399.53
	8X2	3720-578 184.43	3920-578 216.87
	8X3	3720-580 199.54	3920-580 230.39
	8X4	3720-582 219.21	3920-582 247.16
	8X6	3720-585 275.82	3920-585 320.32
	10	3720-100 467.62	3920-100 854.76
	10X2	3720-621 195.87	3920-621 392.53
	10X3	3720-623 225.60	3920-623 454.21
	10X4	3720-624 258.80	3920-624 465.72
	10X6	3720-626 296.78	3920-626 569.07
	10X8	3720-628 416.66	3920-628 750.95
	12	3720-120 616.47	3920-120 1204.49
	12X2	3720-661 258.86	3920-661 531.41
	12X3	3720-663 290.53	3920-663 594.01
	12X4	3720-664 307.14	3920-664 619.84
	12X6	3720-666 375.43	3920-666 719.73
	12X8	3720-668 456.23	3920-668 859.77

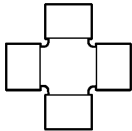


**Fabricated Fittings**  
**PVC Schedule 40 & 80 DWV Fabricated Fittings**

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**CROSS (Soc x Soc x Soc x Soc) (continued)**

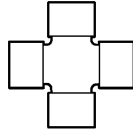
12X8	3720-668 <b>456.23</b>	3920-668 <b>859.77</b>
12X10	3720-670 <b>529.54</b>	3920-670 <b>979.74</b>
14	3720-140 <b>1024.09</b>	3920-140
14X2	3720-691 <b>505.26</b>	3920-691 <b>806.70</b>
14X3	3720-693 <b>562.57</b>	3920-693 <b>888.72</b>
14X4	3720-694 <b>624.59</b>	3920-694
14X6	3720-696 <b>702.56</b>	3920-696 <b>1115.13</b>
14X8	3720-698 <b>809.40</b>	3920-698 <b>1282.62</b>
14X10	3720-700 <b>919.67</b>	3920-700 <b>1535.84</b>
14X12	3720-702 <b>972.97</b>	3920-702 <b>1799.45</b>
16	3720-160 <b>1495.97</b>	3920-160 <b>2715.13</b>
16X2	3720-751 <b>693.32</b>	3920-751 <b>1094.13</b>
16X3	3720-753 <b>761.99</b>	3920-753 <b>1195.31</b>
16X4	3720-754 <b>791.10</b>	3920-754 <b>1265.71</b>
16X6	3720-756 <b>855.64</b>	3920-756 <b>1369.05</b>
16X8	3720-758 <b>1002.33</b>	3920-758 <b>1603.69</b>
16X10	3720-760 <b>1193.97</b>	3920-760 <b>1846.79</b>
16X12	3720-762 <b>1372.15</b>	3920-762 <b>2193.87</b>
16X14	3720-764 <b>1440.78</b>	3920-764 <b>2587.26</b>
18	3720-180 <b>2119.43</b>	3920-180 <b>3351.85</b>
18X4	3720-784 <b>857.77</b>	3920-784 <b>1597.41</b>
18X6	3720-786 <b>1209.37</b>	3920-786 <b>1825.82</b>
18X8	3720-788 <b>1370.18</b>	3920-788 <b>2178.14</b>
18X10	3720-790 <b>1481.93</b>	3920-790 <b>2468.51</b>
18X12	3720-792 <b>1575.61</b>	3920-792 <b>2738.52</b>
18X14	3720-794 <b>1660.33</b>	3920-794 <b>2926.80</b>
18X16	3720-796 <b>1926.99</b>	3920-796 <b>3179.19</b>
20	3720-200 <b>3605.70</b>	3920-200 <b>5658.71</b>
20X4	3720-814 <b>1514.46</b>	3920-814 <b>2099.24</b>
20X6	3720-816 <b>1572.72</b>	3920-816 <b>2270.85</b>
20X8	3720-818 <b>1953.79</b>	3920-818 <b>2471.18</b>
20X10	3720-820 <b>2231.96</b>	3920-820 <b>2901.09</b>
20X12	3720-822 <b>2329.02</b>	3920-822 <b>3211.00</b>
20X14	3720-824 <b>2533.39</b>	3920-824 <b>3468.95</b>
20X16	3720-826 <b>2849.05</b>	3920-826 <b>3857.61</b>
20X18	3720-828 <b>3082.57</b>	3920-828 <b>4600.87</b>
24	3720-240 <b>4748.84</b>	3920-240 <b>6859.59</b>



Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

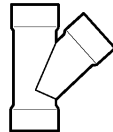
**CROSS (Soc x Soc x Soc x Soc) (continued)**

24X4	3720-904 <b>1935.80</b>	3920-904 <b>2317.49</b>
24X6	3720-906 <b>2298.34</b>	3920-906 <b>2642.74</b>
24X8	3720-908 <b>2446.67</b>	3920-908 <b>3449.11</b>
24X10	3720-910 <b>2615.56</b>	3920-910 <b>3743.77</b>
24X12	3720-912 <b>2880.52</b>	3920-912 <b>4294.79</b>
24X14	3720-914 <b>2962.72</b>	3920-914 <b>5041.30</b>
24X16	3720-916 <b>3283.61</b>	3920-916 <b>5345.20</b>
24X18	3720-918 <b>3667.24</b>	3920-918 <b>5614.22</b>
24X20	3720-920 <b>4440.39</b>	3920-920 <b>5978.71</b>



**WYE (Soc x Soc x Soc)**

8	3775-080 <b>199.27</b>	3975-080 <b>333.20</b>
8X2	3775-578 <b>130.01</b>	3975-578 <b>235.67</b>
8X3	3775-580 <sup>o</sup> <b>135.12</b>	3975-580 <b>260.68</b>
8X4	3775-582 <b>140.70</b>	3975-582 <b>267.20</b>
8X6	3775-585 <b>184.67</b>	3975-585 <b>269.94</b>
10	3775-100 <b>398.11</b>	3975-100 <b>594.70</b>
10X2	3775-621 <sup>o</sup> <b>232.78</b>	3975-621 <b>343.11</b>
10X3	3775-623 <sup>o</sup> <b>243.81</b>	3975-623 <b>357.62</b>
10X4	3775-624 <b>250.55</b>	3975-624 <b>367.77</b>
10X6	3775-626 <sup>o</sup> <b>302.10</b>	3975-626 <b>464.73</b>
10X8	3775-628 <b>370.27</b>	3975-628 <b>506.10</b>
12	3775-120 <b>525.17</b>	3975-120 <b>899.77</b>
12X2	3775-661 <sup>o</sup> <b>276.96</b>	3975-661 <b>577.10</b>
12X3	3775-663 <sup>o</sup> <b>287.62</b>	3975-663 <b>584.00</b>
12X4	3775-664 <sup>o</sup> <b>297.46</b>	3975-664 <b>593.83</b>
12X6	3775-666 <sup>o</sup> <b>354.46</b>	3975-666 <b>647.85</b>
12X8	3775-668 <sup>o</sup> <b>393.84</b>	3975-668 <b>719.86</b>
12X10	3775-670 <b>462.81</b>	3975-670 <b>845.77</b>
14	3775-140 <sup>o</sup> <b>1130.21</b>	3975-140 <b>1366.53</b>
14X2	3775-691 <sup>o</sup> <b>562.29</b>	3975-691 <b>923.76</b>
14X3	3775-693 <sup>o</sup> <b>589.71</b>	3975-693 <b>937.83</b>
14X4	3775-694 <sup>o</sup> <b>599.59</b>	3975-694 <b>945.37</b>
14X6	3775-696 <sup>o</sup> <b>647.17</b>	3975-696 <b>1035.46</b>
14X8	3775-698 <sup>o</sup> <b>740.59</b>	3975-698 <b>1147.21</b>
14X10	3775-700 <sup>o</sup> <b>791.64</b>	3975-700 <b>1197.83</b>
14X12	3775-702 <sup>o</sup> <b>1012.16</b>	3975-702 <b>1269.55</b>
16	3775-160 <b>1438.00</b>	3975-160 <b>2103.57</b>





**Fabricated Fittings  
PVC Schedule 40 & 80 DWV Fabricated Fittings**

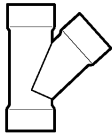


Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

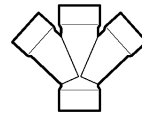
**WYE (Soc x Soc x Soc) (continued)**

16X2	3775-751 <b>638.90</b>	3975-751 <b>1071.52</b>
16X3	3775-753 <b>675.94</b>	3975-753 <b>1085.03</b>
16X4	3775-754 <b>706.59</b>	3975-754 <b>1130.50</b>
16X6	3775-756 <b>760.46</b>	3975-756 <b>1216.69</b>
16X8	3775-758 <b>867.12</b>	3975-758 <b>1282.15</b>
16X10	3775-760 <b>1041.68</b>	3975-760 <b>1403.62</b>
16X12	3775-762 <b>1134.44</b>	3975-762 <b>1880.86</b>
16X14	3775-764 <b>1374.74</b>	3975-764 <b>2002.34</b>
18	3775-180 <b>1653.53</b>	3975-180 <b>2825.89</b>
18X4	3775-784 <b>1132.95</b>	3975-784 <b>1461.15</b>
18X6	3775-786 <b>1151.20</b>	3975-786 <b>1485.65</b>
18X8	3775-788 <b>1188.73</b>	3975-788 <b>1601.38</b>
18X10	3775-790 <b>1264.64</b>	3975-790 <b>1647.85</b>
18X12	3775-792 <b>1385.01</b>	3975-792 <b>1813.98</b>
18X14	3775-794 <b>1514.19</b>	3975-794 <b>2203.30</b>
18X16	3775-796 <b>1605.33</b>	3975-796 <b>2656.38</b>
20	3775-200 <b>2436.88</b>	3975-200 <b>4819.19</b>
20X4	3775-814 <b>1312.88</b>	3975-814 <b>1704.26</b>
20X6	3775-816 <b>1317.66</b>	3975-816 <b>1843.63</b>
20X8	3775-818 <b>1414.55</b>	3975-818 <b>2291.73</b>
20X10	3775-820 <b>1463.89</b>	3975-820 <b>2385.28</b>
20X12	3775-822 <b>1652.51</b>	3975-822 <b>2625.83</b>
20X14	3775-824 <b>1922.04</b>	3975-824 <b>3042.99</b>
20X16	3775-826 <b>2110.95</b>	3975-826 <b>3125.32</b>
20X18	3775-828 <b>2281.38</b>	3975-828 <b>3266.83</b>
24	3775-240 <b>3032.27</b>	3975-240 <b>5426.44</b>
24X4	3775-904 <b>1636.89</b>	3975-904 <b>2427.05</b>
24X6	3775-906 <b>1805.89</b>	3975-906 <b>2665.86</b>
24X8	3775-908 <b>1913.76</b>	3975-908 <b>3086.24</b>
24X10	3775-910 <b>2057.41</b>	3975-910 <b>3128.82</b>
24X12	3775-912 <b>2123.11</b>	3975-912 <b>3431.62</b>
24X14	3775-914 <b>2224.83</b>	3975-914 <b>3618.83</b>
24X16	3775-916 <b>2351.14</b>	3975-916 <b>4150.55</b>
24X18	3775-918 <b>2515.52</b>	3975-918 <b>4873.51</b>
24X20	3775-920 <b>2839.07</b>	3975-920 <b>5032.28</b>



**DOUBLE WYE (Soc x Soc x Soc x Soc)**

6	3776-060 <b>147.60</b>	3976-060 <b>188.94</b>
6X4	3776-532 <b>115.48</b>	3976-532 <b>175.49</b>
8	3776-080 <sup>o</sup> <b>284.68</b>	3976-080 <b>364.40</b>
8X2	3776-578 <sup>o</sup> <b>155.00</b>	3976-578 <b>208.39</b>
8X3	3776-580 <sup>o</sup> <b>165.60</b>	3976-580 <b>215.72</b>
8X4	3776-582 <sup>o</sup> <b>172.62</b>	3976-582 <b>245.57</b>
8X6	3776-585 <sup>o</sup> <b>217.97</b>	3976-585 <b>313.81</b>
10	3776-100 <sup>o</sup> <b>417.54</b>	3976-100 <b>668.09</b>
10X2	3776-621 <sup>o</sup> <b>220.64</b>	3976-621 <b>370.04</b>
10X3	3776-623 <sup>o</sup> <b>230.53</b>	3976-623 <b>379.40</b>
10X4	3776-624 <sup>o</sup> <b>242.07</b>	3976-624 <b>387.30</b>
10X6	3776-626 <sup>o</sup> <b>299.47</b>	3976-626 <b>479.13</b>
10X8	3776-628 <sup>o</sup> <b>362.61</b>	3976-628 <b>578.85</b>
12	3776-120 <sup>o</sup> <b>681.69</b>	3976-120 <b>1093.21</b>
12X2	3776-661 <sup>o</sup> <b>298.66</b>	3976-661 <b>610.22</b>
12X3	3776-663 <sup>o</sup> <b>308.48</b>	3976-663 <b>615.60</b>
12X4	3776-664 <sup>o</sup> <b>315.39</b>	3976-664 <b>620.88</b>
12X6	3776-666 <sup>o</sup> <b>375.43</b>	3976-666 <b>730.51</b>
12X8	3776-668 <sup>o</sup> <b>479.21</b>	3976-668 <b>887.43</b>
12X10	3776-670 <sup>o</sup> <b>613.50</b>	3976-670 <b>1002.13</b>
14	3776-140 <sup>o</sup> <b>1209.11</b>	3976-140 <b>1518.46</b>
14X2	3776-691 <sup>o</sup> <b>576.19</b>	3976-691 <b>1080.50</b>
14X3	3776-693 <sup>o</sup> <b>603.09</b>	3976-693 <b>1112.36</b>
14X4	3776-694 <sup>o</sup> <b>628.44</b>	3976-694 <b>1121.93</b>
14X6	3776-696 <sup>o</sup> <b>699.63</b>	3976-696 <b>1147.21</b>
14X8	3776-698 <sup>o</sup> <b>810.77</b>	3976-698 <b>1214.70</b>
14X10	3776-700 <sup>o</sup> <b>856.82</b>	3976-700 <b>1282.15</b>
14X12	3776-702 <sup>o</sup> <b>1109.67</b>	3976-702 <b>1444.14</b>
16	3776-160 <b>1586.94</b>	3976-160 <b>2360.01</b>
16X2	3776-751 <b>745.14</b>	3976-751 <b>1267.72</b>
16X3	3776-753 <b>789.69</b>	3976-753 <b>1278.36</b>
16X4	3776-754 <b>801.37</b>	3976-754 <b>1282.15</b>
16X6	3776-756 <sup>o</sup> <b>847.78</b>	3976-756 <b>1356.39</b>
16X8	3776-758 <b>927.88</b>	3976-758 <b>1484.60</b>
16X10	3776-760 <b>1136.48</b>	3976-760 <b>1693.80</b>
16X12	3776-762 <b>1224.81</b>	3976-762 <b>1822.04</b>
16X14	3776-764 <b>1466.78</b>	3976-764 <b>2166.91</b>



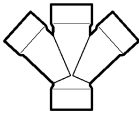


**Fabricated Fittings**  
**PVC Schedule 40 & 80 DWV Fabricated Fittings**

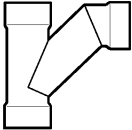
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

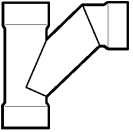
**DOUBLE WYE (Soc x Soc x Soc x Soc) (continued)**

	18	3776-180 2216.87	3976-180 3116.60
	18X4	3776-784 1223.50	3976-784 1641.34
	18X6	3776-786 1243.22	3976-786 1903.15
	18X8	3776-788 1333.34	3976-788 1952.63
	18X10	3776-790 1623.38	3976-790 1969.81
	18X12	3776-792 1653.65	3976-792 2116.45
	18X14	3776-794 1775.63	3976-794 2407.61
	18X16	3776-796 1822.33	3976-796 2814.18
	20	3776-200 2882.50	3976-200 5033.10
	20X4	3776-814 1387.73	3976-814 2020.07
	20X6	3776-816 1459.83	3976-816 2148.30
	20X8	3776-818 1484.00	3976-818 2323.64
	20X10	3776-820 1954.28	3976-820 2665.50
	20X12	3776-822 2139.30	3976-822 2957.85
	20X14	3776-824 2336.37	3976-824 3105.48
	20X16	3776-826 2549.48	3976-826 3949.33
	20X18	3776-828 2788.33	3976-828 4199.65
	24	3776-240 3589.00	3976-240 6495.97
	24X4	3776-904 1788.04	3976-904 2625.83
	24X6	3776-906 1976.95	3976-906 2880.98
	24X8	3776-908 2028.51	3976-908 3153.82
	24X10	3776-910 2134.21	3976-910 3314.78
	24X12	3776-912 2259.38	3976-912 3399.70
	24X14	3776-914 2400.86	3976-914 4576.74
	24X16	3776-916 2611.95	3976-916 5717.37
	24X18	3776-918 2637.93	3976-918 5797.52
	24X20	3776-920 3390.20	3976-920 6112.67

**COMBO WYE (Soc x Soc x Soc) (continued)**

	10X3	3777-623 255.84	3977-623 410.94
	10X4	3777-624 261.50	3977-624 418.41
	10X6	3777-626 328.98	3977-626 526.38
	10X8	3777-628 409.35	3977-628 688.32
	12	3777-120 776.48	3977-120 1185.97
	12X2	3777-661 395.85	3977-661 646.53
	12X3	3777-663 404.21	3977-663 657.21
	12X4	3777-664 413.31	3977-664 661.35
	12X6	3777-666 459.26	3977-666 738.98
	12X8	3777-668 515.24	3977-668 877.31
	12X10	3777-670 641.06	3977-670 1025.77
	14	3777-140 1344.96	3977-140 1813.63
	14X2	3777-691 595.62	3977-691 996.35
	14X3	3777-693 609.07	3977-693 1007.84
	14X4	3777-694 644.16	3977-694 1030.56
	14X6	3777-696 732.94	3977-696 1172.74
	14X8	3777-698 806.37	3977-698 1227.33
	14X10	3777-700 954.32	3977-700 1396.07
	14X12	3777-702 1126.11	3977-702 1695.52
	16	3777-160 1579.31	3977-160 2526.93
	16X2	3777-751 774.17	3977-751 1259.09
	16X3	3777-753 788.51	3977-753 1278.29
	16X4	3777-754 807.30	3977-754 1291.61
	16X6	3777-756 853.85	3977-756 1366.18
	16X8	3777-758 939.38	3977-758 1552.13
	16X10	3777-760 1062.83	3977-760 1700.56
	16X12	3777-762 1140.93	3977-762 1825.38
	16X14	3777-764 1400.64	3977-764 2197.69
	18	3777-180 1988.81	3977-180 3450.38
	18X4	3777-784 1212.53	3977-784 1530.71
	18X6	3777-786 1250.30	3977-786 1623.80
	18X8	3777-788 1284.03	3977-788 1789.34
18X10	3777-790 1366.82	3977-790 1924.50	
18X12	3777-792 1420.70	3977-792 2539.43	
18X14	3777-794 1613.11	3977-794 2905.38	
18X16	3777-796 1834.80	3977-796 3123.94	
20	3777-200 2577.07	3977-200 6357.30	

**COMBO WYE (Soc x Soc x Soc)**

	6	3777-060 187.79	3977-060 300.55
	6X4	3777-532 146.30	3977-532 264.02
	8	3777-080 299.47	3977-080 495.18
	8X2	3777-578 164.21	3977-578 325.86
	8X3	3777-580 204.62	3977-580 333.84
	8X4	3777-582 208.44	3977-582 341.12
	8X6	3777-585 236.20	3977-585 377.88
	10	3777-100 534.88	3977-100 944.76
	10X2	3777-621 244.27	3977-621 395.93

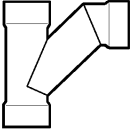
**Fabricated Fittings**  
**PVC Schedule 40 & 80 DWV Fabricated Fittings**



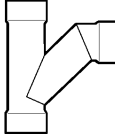
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

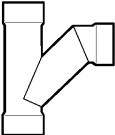
**COMBO WYE (Soc x Soc x Soc) (continued)**

	<b>20X4</b>	3777-814 <b>1340.65</b>	3977-814 <b>1693.55</b>
	<b>20X6</b>	3777-816 <b>1451.87</b>	3977-816 <b>1875.47</b>
	<b>20X8</b>	3777-818 <b>1479.39</b>	3977-818 <b>2336.16</b>
	<b>20X10</b>	3777-820 <b>1550.89</b>	3977-820 <b>2611.43</b>
	<b>20X12</b>	3777-822 <b>1949.30</b>	3977-822 <b>3084.67</b>
	<b>20X14</b>	3777-824 <b>2052.07</b>	3977-824 <b>3399.81</b>
	<b>20X16</b>	3777-826 <b>2296.05</b>	3977-826 <b>4329.68</b>
	<b>20X18</b>	3777-828 <b>2346.32</b>	3977-828 <b>5920.18</b>
	<b>24</b>	3777-240 <b>3481.14</b>	3977-240 <b>6770.11</b>
	<b>24X4</b>	3777-904 <b>1787.27</b>	3977-904 <b>2741.50</b>
	<b>24X6</b>	3777-906 <b>1951.64</b>	3977-906 <b>2916.97</b>
	<b>24X8</b>	3777-908 <b>2177.10</b>	3977-908 <b>3041.44</b>
	<b>24X10</b>	3777-910 <b>2330.82</b>	3977-910 <b>3594.87</b>
	<b>24X12</b>	3777-912 <b>2427.78</b>	3977-912 <b>3869.44</b>
	<b>24X14</b>	3777-914 <b>2472.52</b>	3977-914 <b>4616.05</b>
	<b>24X16</b>	3777-916 <b>2859.12</b>	3977-916 <b>5389.12</b>
	<b>24X18</b>	3777-918 <b>3054.33</b>	3977-918 <b>6109.12</b>
	<b>24X20</b>	3777-920 <b>3103.01</b>	3977-920 <b>6484.16</b>

**SANITARY TEE (Soc x Soc x Soc) (continued)**

	<b>12X8</b>	3790-668 <sup>+</sup> <b>492.54</b>	3990-668 <b>861.70</b>
	<b>12X10</b>	3790-670 <sup>+</sup> <b>620.43</b>	3990-670 <b>998.29</b>
	<b>14</b>	3790-140 <sup>+</sup> <b>1334.01</b>	3990-140 <b>1767.45</b>
	<b>14X2</b>	3790-691 <sup>+</sup> <b>528.55</b>	3990-691 <b>965.19</b>
	<b>14X3</b>	3790-693 <sup>+</sup> <b>573.52</b>	3990-693 <b>979.76</b>
	<b>14X4</b>	3790-694 <sup>+</sup> <b>579.13</b>	3990-694 <b>999.44</b>
	<b>14X6</b>	3790-696 <sup>+</sup> <b>690.67</b>	3990-696 <b>1139.61</b>
	<b>14X8</b>	3790-698 <sup>+</sup> <b>787.78</b>	3990-698 <b>1198.78</b>
	<b>14X10</b>	3790-700 <sup>+</sup> <b>946.27</b>	3990-700 <b>1362.83</b>
	<b>14X12</b>	3790-702 <sup>+</sup> <b>1115.56</b>	3990-702 <b>1638.22</b>
	<b>16</b>	3790-160 <sup>+</sup> <b>1716.24</b>	3990-160 <b>2109.06</b>
	<b>16X2</b>	3790-751 <sup>+</sup> <b>769.14</b>	3990-751 <b>1191.82</b>
	<b>16X3</b>	3790-753 <sup>+</sup> <b>776.67</b>	3990-753 <b>1239.86</b>
	<b>16X4</b>	3790-754 <sup>+</sup> <b>794.14</b>	3990-754 <b>1278.78</b>
	<b>16X6</b>	3790-756 <sup>+</sup> <b>844.16</b>	3990-756 <b>1353.05</b>
	<b>16X8</b>	3790-758 <sup>+</sup> <b>930.97</b>	3990-758 <b>1515.18</b>
	<b>16X10</b>	3790-760 <sup>+</sup> <b>1052.01</b>	3990-760 <b>1674.40</b>
	<b>16X12</b>	3790-762 <sup>+</sup> <b>1129.48</b>	3990-762 <b>1800.05</b>
	<b>16X14</b>	3790-764 <sup>+</sup> <b>1353.74</b>	3990-764 <b>1963.99</b>
	<b>18</b>	3790-180 <sup>+</sup> <b>1757.62</b>	3990-180 <b>3409.32</b>
	<b>18X4</b>	3790-784 <sup>+</sup> <b>936.64</b>	3990-784 <b>1481.91</b>
	<b>18X6</b>	3790-786 <sup>+</sup> <b>1004.55</b>	3990-786 <b>1571.85</b>
	<b>18X8</b>	3790-788 <sup>+</sup> <b>1260.20</b>	3990-788 <b>1752.79</b>
	<b>18X10</b>	3790-790 <sup>+</sup> <b>1433.95</b>	3990-790 <b>1891.72</b>
	<b>18X12</b>	3790-792 <sup>+</sup> <b>1473.04</b>	3990-792 <b>2463.65</b>
	<b>18X14</b>	3790-794 <sup>+</sup> <b>1679.27</b>	3990-794 <b>2533.94</b>
	<b>18X16</b>	3790-796 <sup>+</sup> <b>1812.86</b>	3990-796 <b>3105.41</b>
	<b>20</b>	3790-200 <sup>+</sup> <b>2374.31</b>	3990-200 <b>6259.17</b>
	<b>20X4</b>	3790-814 <sup>+</sup> <b>991.54</b>	3990-814 <b>1661.52</b>
	<b>20X6</b>	3790-816 <sup>+</sup> <b>1134.57</b>	3990-816 <b>1805.31</b>
<b>20X8</b>	3790-818 <sup>+</sup> <b>1223.84</b>	3990-818 <b>2293.45</b>	
<b>20X10</b>	3790-820 <sup>+</sup> <b>1380.76</b>	3990-820 <b>2549.82</b>	
<b>20X12</b>	3790-822 <sup>+</sup> <b>1546.03</b>	3990-822 <b>3014.69</b>	
<b>20X14</b>	3790-824 <sup>+</sup> <b>1838.59</b>	3990-824 <b>3270.49</b>	
<b>20X16</b>	3790-826 <sup>+</sup> <b>2119.91</b>	3990-826 <b>4252.63</b>	
<b>20X18</b>	3790-828 <sup>+</sup> <b>2284.34</b>	3990-828 <b>5887.26</b>	
<b>24</b>	3790-240 <sup>+</sup> <b>3106.51</b>	3990-240 <b>6716.97</b>	

**SANITARY TEE (Soc x Soc x Soc)**

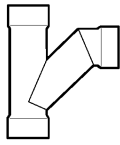
	<b>6</b>	3790-060 <b>161.47</b>	3990-060 <b>271.57</b>
	<b>6X4</b>	3790-532 <sup>+</sup> <b>120.97</b>	3990-532 <b>214.65</b>
	<b>8</b>	3790-080 <sup>+</sup> <b>295.87</b>	3990-080 <b>491.69</b>
	<b>8X2</b>	3790-578 <sup>+</sup> <b>151.35</b>	3990-578 <b>268.95</b>
	<b>8X3</b>	3790-580 <sup>+</sup> <b>200.00</b>	3990-580 <b>306.34</b>
	<b>8X4</b>	3790-582 <sup>+</sup> <b>189.79</b>	3990-582 <b>326.61</b>
	<b>8X6</b>	3790-585 <sup>+</sup> <b>227.35</b>	3990-585 <b>363.69</b>
	<b>10</b>	3790-100 <sup>+</sup> <b>528.97</b>	3990-100 <b>933.90</b>
	<b>10X2</b>	3790-621 <sup>+</sup> <b>232.27</b>	3990-621 <b>362.04</b>
	<b>10X3</b>	3790-623 <sup>+</sup> <b>236.20</b>	3990-623 <b>372.33</b>
	<b>10X4</b>	3790-624 <sup>+</sup> <b>253.07</b>	3990-624 <b>404.91</b>
	<b>10X6</b>	3790-626 <sup>+</sup> <b>325.70</b>	3990-626 <b>512.88</b>
	<b>10X8</b>	3790-628 <sup>+</sup> <b>398.79</b>	3990-628 <b>660.61</b>
	<b>12</b>	3790-120 <sup>+</sup> <b>757.46</b>	3990-120 <b>1152.94</b>
	<b>12X2</b>	3790-661 <sup>+</sup> <b>389.76</b>	3990-661 <b>612.03</b>
	<b>12X3</b>	3790-663 <sup>+</sup> <b>394.20</b>	3990-663 <b>622.06</b>
	<b>12X4</b>	3790-664 <sup>+</sup> <b>405.73</b>	3990-664 <b>647.85</b>
	<b>12X6</b>	3790-666 <sup>+</sup> <b>442.38</b>	3990-666 <b>725.46</b>



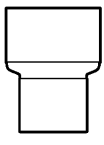
**Fabricated Fittings**  
**PVC Schedule 40 & 80 DWV Fabricated Fittings**

Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

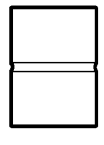
**SANITARY TEE (Soc x Soc x Soc) (continued)**

	24X4	3790-904 <b>1451.91</b>	3990-904 <b>2677.53</b>
	24X6	3790-906 <b>1611.95</b>	3990-906 <b>2807.27</b>
	24X8	3790-908 <b>2139.36</b>	3990-908 <b>2936.98</b>
	24X10	3790-910 <b>2313.13</b>	3990-910 <b>3517.87</b>
	24X12	3790-912 <b>2417.05</b>	3990-912 <b>3788.61</b>
	24X14	3790-914 <b>2465.83</b>	3990-914 <b>4567.22</b>
	24X16	3790-916 <b>2827.90</b>	3990-916 <b>5242.84</b>
	24X18	3790-918 <b>2964.44</b>	3990-918 <b>6029.35</b>
	24X20	3790-920 <b>3071.50</b>	3990-920 <b>6368.34</b>

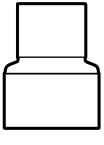
**IPS X SEWER ADAPTER (Soc x Spig)**

	4	3729-04013IXS <b>16.63</b>	---
	6	3729-06013IXS <b>35.10</b>	---
	8	3729-08013IXS <b>67.95</b>	---
	10	3729-10013IXS <b>184.01</b>	---
	12	3729-12013IXS <b>200.19</b>	---

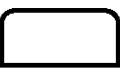
**IPS X SEWER ADAPTER (Soc x Soc)**

	4	3729-040IXS <b>28.60</b>	---
	6	3729-060IXS <b>52.26</b>	---
	8	3729-080IXS <b>83.97</b>	---
	10	3729-100IXS <b>135.78</b>	---
	12	3729-120IXS <b>200.96</b>	---

**IPS X SEWER ADAPTER (Spig x Soc)**

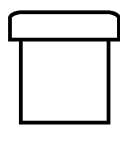
	4	3729-04031IXS <b>21.83</b>	---
	6	3729-06031IXS <b>50.55</b>	---
	8	3729-08031IXS <b>82.79</b>	---
	10	3729-10031IXS <b>128.89</b>	---
	12	3729-12031IXS <b>191.43</b>	---

**CAP (Soc)**

	10	3747-100* <b>111.14</b>	3947-100 <b>217.02</b>
	12	3747-120* <b>140.35</b>	3947-120 <b>375.72</b>
	14	3747-140* <b>238.65</b>	3947-140 <b>426.11</b>
	16	3747-160 <b>305.50</b>	3947-160 <b>562.40</b>
	18	3747-180 <b>338.04</b>	3947-180 <b>738.89</b>
	20	3747-200 <b>595.44</b>	3947-200 <b>853.85</b>
	24	3747-240 <b>880.17</b>	3947-240 <b>990.76</b>

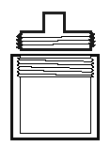
Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each

**SPIGOT PLUG (Spigot)**

	6	3749-060 <b>42.96</b>	3949-060 <b>129.93</b>
	8	3749-080 <b>109.73</b>	3949-080 <b>219.30</b>
	10	3749-100 <b>125.14</b>	3949-100 <b>277.26</b>
	12	3749-120 <b>179.37</b>	3949-120 <b>441.46</b>
	14	3749-140 <b>304.32</b>	---
	16	3749-160 <b>370.82</b>	3949-160 <b>642.16</b>

**CLEANOUT ADAPTER WITH PLUG (Spig x Cleanout)**

SOLD AS SET ONLY (Non-Pressure Rated)

	2	---	3978-020* <b>91.80</b>
	3	---	3978-030* <b>117.61</b>
	4	---	3978-040* <b>147.80</b>
	5	---	3978-050* <b>157.11</b>
	6	---	3978-060* <b>166.44</b>
	8	---	3978-080* <b>264.76</b>
	10	---	3978-100* <b>442.16</b>
	12	---	3978-120* <b>617.33</b>
	14	---	3978-140* <b>765.54</b>
	16	---	3978-160* <b>1505.70</b>
	18	---	3978-180* <b>1802.96</b>
	24	---	3978-240* <b>2215.60</b>

\* HDPE Plug

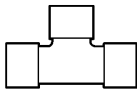
**Fabricated Fittings**  
**PVC Schedule 40 & 80 Low Pressure Fabricated Fittings**



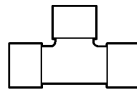
Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

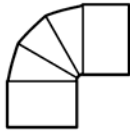
**TEE (Soc x Soc x Soc)**

	6	3701-060 110.71	3901-060 192.55
	6X2	3701-528' 95.67	3901-528 143.46
	6X3	3701-530' 100.49	3901-530 150.21
	6X4	3701-532 105.11	3901-532 155.95
	8	3701-080 180.35	3901-080 305.62
	8X2	3701-578' 112.49	3901-578 200.93
	8X3	3701-580' 117.96	3901-580 226.39
	8X4	3701-582 121.17	3901-582 231.44
	8X6	3701-585 131.48	3901-585 240.28
	10	3701-100 350.77	3901-100 476.69
	10X2	3701-621' 183.12	3901-621 283.51
	10X3	3701-623' 186.51	3901-623 308.79
	10X4	3701-624 191.07	3901-624 349.32
	10X6	3701-626 233.56	3901-626 426.85
	10X8	3701-628 313.11	3901-628 447.31
	12	3701-120 466.17	3901-120 656.79
	12X2	3701-661' 244.48	3901-661 351.10
	12X3	3701-663' 248.09	3901-663 409.17
	12X4	3701-664 254.33	3901-664 464.87
	12X6	3701-666 295.40	3901-666 540.86
	12X8	3701-668 352.84	3901-668 595.50
	12X10	3701-670 402.07	3901-670 603.30
	14	3701-140' 916.36	3901-140 1179.59
	14X2	3701-691' 387.72	3901-691 621.73
	14X3	3701-693' 429.13	3901-693 695.59
	14X4	3701-694' 478.43	3901-694 765.55
	14X6	3701-696' 561.48	3901-696 898.39
	14X8	3701-698' 669.44	3901-698 1076.36
	14X10	3701-700' 760.96	3901-700 1132.32
	14X12	3701-702' 900.20	3901-702 1143.32
16	3701-160 1297.13	3901-160 1858.31	
16X2	3701-751 552.88	3901-751 797.09	
16X3	3701-753 558.94	3901-753 881.66	
16X4	3701-754 593.33	3901-754 949.27	
16X6	3701-756 641.80	3901-756 1026.80	
16X8	3701-758 751.34	3901-758 1202.80	
16X10	3701-760 944.45	3901-760 1346.67	

**TEE (Soc x Soc x Soc) (continued)**

	16X12	3701-762 1072.44	3901-762 1707.23
	16X14	3701-764 1272.74	3901-764 1765.37
	18	3701-180 1612.00	3901-180 2006.31
	18X4	3701-784 947.53	3901-784 1101.71
	18X6	3701-786 962.53	3901-786 1246.67
	18X8	3701-788 1002.03	3901-788 1293.34
	18X10	3701-790 1129.40	3901-790 1306.93
	18X12	3701-792 1203.17	3901-792 1606.62
	18X14	3701-794 1290.49	3901-794 1847.55
	18X16	3701-796 1385.13	3901-796 1887.88
	20	3701-200 2146.70	3901-200 2887.18
	20X4	3701-814 1145.17	3901-814 1529.59
	20X6	3701-816 1211.77	3901-816 1724.96
	20X8	3701-818 1280.45	3901-818 2118.45
	20X10	3701-820 1374.15	3901-820 2188.67
	20X12	3701-822 1455.04	3901-822 2311.86
	20X14	3701-824 1570.19	3901-824 2514.57
	20X16	3701-826 1672.01	3901-826 2560.44
	20X18	3701-828 1844.28	3901-828 2768.27
	24	3701-240 2674.43	3901-240 3463.00
	24X4	3701-904 1576.88	3901-904 1896.26
	24X6	3701-906 1657.51	3901-906 2138.54
	24X8	3701-908 1758.49	3901-908 2313.36
	24X10	3701-910 1857.78	3901-910 2517.20
	24X12	3701-912 1957.64	3901-912 2648.74
	24X14	3701-914 2091.70	3901-914 2936.91
	24X16	3701-916 2212.46	3901-916 3030.54
	24X18	3701-918 2403.67	3901-918 3178.38
	24X20	3701-920 2580.67	3901-920 3324.62

**90° ELBOW (Soc x Soc)**

	6	3706-060 109.30	3906-060 141.49
	8	3706-080 151.84	3906-080 237.64
	10	3706-100 240.02	3906-100 469.12
	12	3706-120 369.21	3906-120 684.10
	14	3706-140' 494.47	3906-140 1006.52
	16	3706-160 733.28	3906-160 1251.81
	18	3706-180 1090.59	3906-180 1611.51

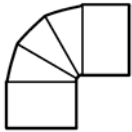


**Fabricated Fittings**  
**PVC Schedule 40 & 80 Low Pressure Fabricated Fittings**

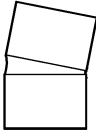
Size	SCH 40 LOW PR	SCH 80 LOW PR
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

Size	SCH 40 DWV	SCH 80 DWV
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

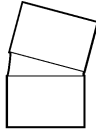
**90° ELBOW (Soc x Soc) (continued)**

	20	3706-200 1226.65	3906-200 1900.03
	24	3706-240 1533.97	3906-240 2842.99

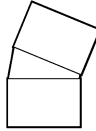
**11-1/4° ELBOW (Soc x Soc)**

	4	3711-040 39.07	3911-040 53.13
	6	3711-060 62.77	3911-060 99.33
	8	3711-080 106.11	3911-080 162.59
	10	3711-100 160.11	3911-100 288.16
	12	3711-120 253.29	3911-120 421.16
	14	3711-140 398.21	3911-140 644.76
	16	3711-160 542.83	3911-160 861.86
	18	3711-180 607.52	3911-180 1112.61
	20	3711-200 805.84	3911-200 1426.34
	24	3711-240 1440.68	3911-240 1632.63


**15° ELBOW (Soc x Soc)**

	4	3718-040 39.07	3918-040 53.13
	6	3718-060 62.77	3918-060 99.33
	8	3718-080 106.11	3918-080 162.59
	10	3718-100 160.11	3918-100 288.16
	12	3718-120 253.29	3918-120 421.16
	14	3718-140 398.21	3918-140 644.76
	16	3718-160 542.83	3918-160 861.86
	18	3718-180 607.52	3918-180 1112.61
	20	3718-200 805.84	3918-200 1426.34
	24	3718-240 1440.68	3918-240 1632.63

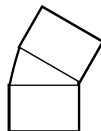
**22-1/2° ELBOW (Soc x Soc)**

	4	3716-040 39.07	3916-040 53.13
	6	3716-060 62.77	3916-060 99.33
	8	3716-080 106.11	3916-080 162.59
	10	3716-100 160.11	3916-100 288.16
	12	3716-120 253.29	3916-120 421.16
	14	3716-140 398.21	3916-140 644.76
	16	3716-160 542.83	3916-160 861.86
	18	3716-180 651.90	3916-180 1112.61
	20	3716-200 805.84	3916-200 1426.34
	24	3716-240 1440.68	3916-240 1632.63


**22-1/2° STREET ELL (Spig x Soc)**

	6	3742-060 69.04	3942-060 109.23
	8	3742-080 116.71	3942-080 178.84
	10	3742-100 176.11	3942-100 316.99
	12	3742-120 278.61	3942-120 463.29
	14	3742-140 438.02	3942-140 709.24
	16	3742-160 431.09	3942-160 948.04
	18	3742-180 717.09	3942-180 1222.30
	20	3742-200 1092.49	3942-200 1679.19
	24	3742-240 1694.91	3942-240 1921.16


**30° ELBOW (Soc x Soc)**

	4	3715-040 39.07	3915-040 53.13
	6	3715-060 62.77	3915-060 99.33
	8	3715-080 106.11	3915-080 162.59
	10	3715-100 160.11	3915-100 288.16
	12	3715-120 253.29	3915-120 421.16
	14	3715-140 398.21	3915-140 644.76
	16	3715-160 542.83	3915-160 861.86
	18	3715-180 651.90	3915-180 1112.61
	20	3715-200 805.84	3915-200 1426.34
	24	3715-240 1440.68	3915-240 1632.63

**45° ELBOW (Soc x Soc)**

	6	3717-060 101.45	3917-060 166.47
	8	3717-080 121.48	3917-080 178.88
	10	3717-100 199.80	3917-100 327.68
	12	3717-120 280.61	3917-120 468.44
	14	3717-140 486.55	3917-140 673.20
	16	3717-160 600.76	3917-160 871.77
	18	3717-180 693.29	3917-180 1179.26
	20	3717-200 946.62	3917-200 1481.21
	24	3717-240 1257.83	3917-240 1743.77

**60° ELBOW (Soc x Soc)**

	6	3724-060 121.24	3924-060 176.85
	8	3724-080 172.98	3924-080 297.10
	10	3724-100 289.87	3924-100 556.88
	12	3724-120 379.79	3924-120 819.63
	14	3724-140 696.16	3924-140 1191.02
	16	3724-160 846.39	3924-160 1447.14
	18	3724-180 1087.36	3924-180 1611.51




## Fabricated Fittings PVC Schedule 40 & 80 Low Pressure Fabricated Fittings

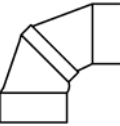


Size	SCH 40 DWV Disc Code: 390	SCH 80 DWV Disc Code: 400
	Part Number Price Each	Part Number Price Each


### 60° ELBOW (Soc x Soc) (continued)

	20	3724-200 <b>1159.96</b>	3924-200 <b>1900.03</b>
	24	3724-240 <b>1494.50</b>	3924-240 <b>2029.83</b>

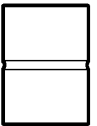
### 90° STREET ELL (Spig x Soc)

	4	---	3909-040 <b>133.13</b>
	6	3709-060' <b>116.02</b>	3909-060 <b>157.77</b>
	8	3709-080' <b>159.60</b>	3909-080 <b>259.82</b>
	10	3709-100' <b>266.68</b>	3909-100 <b>514.97</b>
	12	3709-120' <b>388.65</b>	3909-120 <b>756.59</b>
	14	3709-140' <b>537.45</b>	3909-140 <b>1105.64</b>
	16	3709-160 <b>835.91</b>	3909-160 <b>1373.12</b>
	18	3709-180 <b>1208.94</b>	3909-180 <b>1768.33</b>
	20	3709-200 <b>1362.76</b>	3909-200 <b>2086.43</b>
	24	3709-240 <b>1704.09</b>	3909-240 <b>2229.04</b>

### 45° STREET ELL (Spig x Soc)

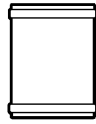
	4	3727-040 <b>95.45</b>	3927-040 <b>116.79</b>
	6	3727-060 <b>101.45</b>	3927-060 <b>166.47</b>
	8	3727-080 <b>121.48</b>	3927-080 <b>178.88</b>
	10	3727-100' <b>199.80</b>	3927-100 <b>327.68</b>
	12	3727-120' <b>280.61</b>	3927-120 <b>468.44</b>
	14	3727-140' <b>486.55</b>	3927-140 <b>673.20</b>
	16	3727-160 <b>600.76</b>	3927-160 <b>871.77</b>
	18	3727-180 <b>693.29</b>	3927-180 <b>1179.26</b>
	20	3727-200 <b>946.62</b>	3927-200 <b>1481.21</b>
	24	3727-240 <b>1257.83</b>	3927-240 <b>1743.77</b>

### COUPLING (Soc x Soc)

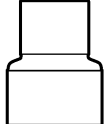
	8	3729-080 <b>69.27</b>	3929-080 <b>153.35</b>
	10	3729-100 <b>85.18</b>	3929-100 <b>167.01</b>
	12	3729-120 <b>125.39</b>	3929-120 <b>192.51</b>
	14	3729-140 <b>203.61</b>	3929-140 <b>384.95</b>
	16	3729-160 <b>227.10</b>	3929-160 <b>457.66</b>
	18	3729-180 <b>387.28</b>	3929-180 <b>902.11</b>
	20	3729-200 <b>675.61</b>	3929-200 <b>1112.26</b>
	24	3729-240 <b>938.29</b>	3929-240 <b>1918.73</b>

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

### REPAIR COUPLING (Gasket x Gasket)

	4	3728-040 <b>67.14</b>	3928-040 <b>78.44</b>
	6	3728-060 <b>93.39</b>	3928-060 <b>110.54</b>
	8	3728-080 <b>147.01</b>	3928-080 <b>187.00</b>
	10	3728-100 <b>193.96</b>	3928-100 <b>261.66</b>
	12	3728-120 <b>243.33</b>	3928-120 <b>332.52</b>
	14	3728-140 <b>422.24</b>	3928-140 <b>736.29</b>
	16	3728-160 <b>622.10</b>	3928-160 <b>1104.65</b>
	18	3728-180 <b>813.27</b>	3928-180 <b>1435.96</b>
	20	3728-200 <b>1262.90</b>	3928-200 <b>1723.17</b>
	24	3728-240 <b>1712.80</b>	3928-240 <b>2324.28</b>

### REDUCER COUPLING (Soc x Soc)

	6X2	3729-528' <b>100.74</b>	3929-528 <b>174.67</b>
	6X3	3729-530' <b>99.16</b>	3929-530 <b>129.03</b>
	6X4	3729-532 <b>35.98</b>	3929-532 <b>84.89</b>
	8X2	3729-578 <b>169.45</b>	3929-578 <b>235.97</b>
	8X3	3729-580 <b>156.87</b>	3929-580 <b>206.24</b>
	8X4	3729-582' <b>89.18</b>	3929-582 <b>162.98</b>
	8X6	3729-585' <b>76.65</b>	3929-585 <b>149.99</b>
	10X4	3729-624' <b>201.24</b>	3929-624 <b>382.88</b>
	10X6	3729-626' <b>187.54</b>	3929-626 <b>305.50</b>
	10X8	3729-628' <b>131.26</b>	3929-628 <b>163.29</b>
	12X4	3729-664' <b>378.38</b>	3929-664 <b>550.13</b>
	12X6	3729-666' <b>286.90</b>	3929-666 <b>453.59</b>
	12X8	3729-668' <b>252.50</b>	3929-668 <b>393.61</b>
	12X10	3729-670' <b>191.07</b>	3929-670 <b>241.77</b>
	14X4	3729-694' <b>608.91</b>	3929-694 <b>744.37</b>
	14X6	3729-696' <b>589.49</b>	3929-696 <b>664.89</b>
	14X8	3729-698' <b>426.71</b>	3929-698 <b>654.00</b>
	14X10	3729-700' <b>360.39</b>	3929-700 <b>552.13</b>
	14X12	3729-702' <b>320.05</b>	3929-702 <b>352.96</b>
	16X4	3729-754 <b>651.72</b>	3929-754 <b>1093.81</b>
	16X6	3729-756 <b>600.30</b>	3929-756 <b>1025.46</b>
	16X8	3729-758 <b>546.24</b>	3929-758 <b>968.50</b>
	16X10	3729-760 <b>487.84</b>	3929-760 <b>673.34</b>
	16X12	3729-762 <b>442.89</b>	3929-762 <b>618.99</b>
16X14	3729-764 <b>384.10</b>	3929-764 <b>521.83</b>	
18X6	3729-786 <b>1084.87</b>	3929-786 <b>1580.91</b>	



**Fabricated Fittings**  
**PVC Schedule 40 & 80 Low Pressure Fabricated Fittings**

Size	SCH 40 LOW PR	SCH 80 LOW PR
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

Size	SCH 40 LOW PR	SCH 80 LOW PR
	Disc Code: 390 Part Number Price Each	Disc Code: 400 Part Number Price Each

**REDUCER COUPLING (Soc x Soc) (continued)**

	18X8	3729-788 920.14	3929-788 1462.96
	18X10	3729-790 858.57	3929-790 1344.46
	18X12	3729-792 803.86	3929-792 1123.63
	18X14	3729-794 741.35	3929-794 1088.06
	18X16	3729-796 553.79	3929-796 930.04
	20X6	3729-816 1358.83	3929-816 2223.06
	20X8	3729-818 1315.98	3929-818 2197.33
	20X10	3729-820 1153.72	3929-820 2181.00
	20X12	3729-822 1137.91	3929-822 2045.36
	20X14	3729-824 1123.86	3929-824 2029.10
	20X16	3729-826 1060.22	3929-826 1625.01
	20X18	3729-828 936.64	3929-828 1120.57
	24X6	3729-906 2732.86	3929-906 3758.81
	24X8	3729-908 2654.56	3929-908 3727.45
	24X10	3729-910 2194.81	3929-910 3714.71
	24X12	3729-912 2122.45	3929-912 3654.69
	24X14	3729-914 2012.56	3929-914 3642.45
	24X16	3729-916 1847.93	3929-916 3502.51
	24X18	3729-918 1636.31	3929-918 2670.40
	24X20	3729-920 1230.10	3929-920 2394.88

**ECCENTRIC REDUCER COUPLING (Soc x Soc) (continued)**

	14X6	3729-696E <sup>3</sup> 661.64	3929-696E <sup>4</sup> 798.65
	14X8	3729-698E <sup>3</sup> 541.99	3929-698E <sup>3</sup> 714.44
	14X10	3729-700E <sup>2</sup> 492.01	3929-700E <sup>2</sup> 517.24
	14X12	3729-702E 300.79	3929-702E 475.68
	16X6	3729-756E <sup>3</sup> 691.36	3929-756E <sup>5</sup> 1475.54
	16X8	3729-758E <sup>3</sup> 681.67	3929-758E <sup>3</sup> 1351.18
	16X10	3729-760E <sup>2</sup> 504.07	3929-760E <sup>3</sup> 982.94
	16X12	3729-762E 479.65	3929-762E <sup>2</sup> 872.69
	16X14	3729-764E 426.20	3929-764E 675.95
	18X6	3729-786E <sup>4</sup> 982.67	3929-786E <sup>6</sup> 2036.86
	18X8	3729-788E <sup>4</sup> 968.12	3929-788E <sup>5</sup> 1949.82
	18X10	3729-790E <sup>3</sup> 898.80	3929-790E <sup>4</sup> 1822.05
	18X12	3729-792E <sup>2</sup> 811.16	3929-792E <sup>3</sup> 1626.32
	18X14	3729-794E <sup>2</sup> 717.18	3929-794E <sup>2</sup> 1340.80
	18X16	3729-796E 578.53	3929-796E 1308.31

2=Two-Step Design, 3=Three-Step Design, 4=Four-Step Design, 5=Five-Step Design, 6=Six-Step Design

**ECCENTRIC REDUCER COUPLING (Soc x Soc)**

	3X2	3729-338E 31.95	3929-338E 44.51
	4X2	3729-420E <sup>2</sup> 43.39	3929-420E <sup>2</sup> 113.55
	4X3	3729-422E 40.10	3929-422E 52.54
	6X2	3729-528E <sup>3*</sup> 97.94	3929-528E <sup>3</sup> 147.83
	6X3	3729-530E <sup>2*</sup> 90.21	3929-530E <sup>2</sup> 143.62
	6X4	3729-532E <sup>2</sup> 45.11	3929-532E 109.54
	8X3	3729-580E <sup>3*</sup> 186.07	3929-580E <sup>3</sup> 208.73
	8X4	3729-582E <sup>2*</sup> 92.91	3929-582E <sup>2</sup> 189.46
	8X6	3729-585E <sup>7</sup> 75.11	3929-585E 145.69
	10X4	3729-624E <sup>2*</sup> 212.45	3929-624E <sup>3</sup> 320.61
	10X6	3729-626E <sup>7</sup> 195.34	3929-626E <sup>2</sup> 272.11
	10X8	3729-628E <sup>7</sup> 184.17	3929-628E 251.44
	12X4	3729-664E <sup>3*</sup> 396.38	3929-664E <sup>4</sup> 490.28
	12X6	3729-666E <sup>2*</sup> 325.70	3929-666E <sup>3</sup> 403.49
	12X8	3729-668E <sup>2*</sup> 215.98	3929-668E <sup>2</sup> 348.59
	12X10	3729-670E <sup>7</sup> 187.26	3929-670E 222.82

**CROSS (Soc x Soc x Soc x Soc)**

	4X2	---	3920-420 122.31
	4X3	---	3920-422 134.60
	6	3720-060 142.23	3920-060 331.73
	6X2	3720-528 106.77	3920-528 171.87
	6X3	3720-530 126.44	3920-530 193.72
	6X4	3720-532 139.40	3920-532 239.18
	8	3720-080 287.27	3920-080 399.53
	8X2	3720-578 184.43	3920-578 216.87
	8X3	3720-580 199.54	3920-580 230.39
	8X4	3720-582 219.21	3920-582 247.16
	8X6	3720-585 275.82	3920-585 320.32
	10	3720-100 467.62	3920-100 854.76
	10X2	3720-621 195.87	3920-621 392.53
	10X3	3720-623 225.60	3920-623 454.21
	10X4	3720-624 258.80	3920-624 465.72
	10X6	3720-626 296.78	3920-626 569.07
	10X8	3720-628 416.66	3920-628 750.95
	12	3720-120 616.47	3920-120 1204.49
	12X2	3720-661 258.86	3920-661 531.41
	12X3	3720-663 290.53	3920-663 594.01

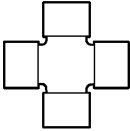
**Fabricated Fittings**  
**PVC Schedule 40 & 80 Low Pressure Fabricated Fittings**



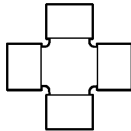
Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each


**CROSS (Soc x Soc x Soc x Soc) (continued)**

	12X3	3720-663 290.53	3920-663 594.01
	12X4	3720-664 307.14	3920-664 619.84
	12X6	3720-666 375.43	3920-666 719.73
	12X8	3720-668 456.23	3920-668 859.77
	12X10	3720-670 529.54	3920-670 979.74
	14	3720-140 1024.09	3920-140 2141.68
	14X2	3720-691 505.26	3920-691 806.70
	14X3	3720-693 562.57	3920-693 888.72
	14X4	3720-694 624.59	3920-694 993.59
	14X6	3720-696 702.56	3920-696 1115.13
	14X8	3720-698 809.40	3920-698 1282.62
	14X10	3720-700 919.67	3920-700 1535.84
	14X12	3720-702 972.97	3920-702 1799.45
	16	3720-160 1495.97	3920-160 2715.13
	16X2	3720-751 693.32	3920-751 1094.13
	16X3	3720-753 761.99	3920-753 1195.31
	16X4	3720-754 791.10	3920-754 1265.71
	16X6	3720-756 855.64	3920-756 1369.05
	16X8	3720-758 1002.33	3920-758 1603.69
	16X10	3720-760 1193.97	3920-760 1846.79
	16X12	3720-762 1372.15	3920-762 2193.87
	16X14	3720-764 1440.78	3920-764 2587.26
	18	3720-180 2119.43	3920-180 3351.85
	18X4	3720-784 857.77	3920-784 1597.41
	18X6	3720-786 1209.37	3920-786 1825.82
	18X8	3720-788 1370.18	3920-788 2178.14
	18X10	3720-790 1481.93	3920-790 2468.51
	18X12	3720-792 1575.61	3920-792 2738.52
	18X14	3720-794 1660.33	3920-794 2926.80
	18X16	3720-796 1926.99	3920-796 3179.19
	20	3720-200 3605.70	3920-200 5658.71
	20X4	3720-814 1514.46	3920-814 2099.24
20X6	3720-816 1572.72	3920-816 2270.85	
20X8	3720-818 1953.79	3920-818 2471.18	
20X10	3720-820 2231.96	3920-820 2901.09	
20X12	3720-822 2329.02	3920-822 3211.00	
20X14	3720-824 2533.39	3920-824 3468.95	

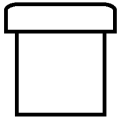
**CROSS (Soc x Soc x Soc x Soc) (continued)**

	20X16	3720-826 2849.05	3920-826 3857.61
	20X18	3720-828 3082.57	3920-828 4600.87
	24	3720-240 4748.84	3920-240 6859.59
	24X4	3720-904 1935.80	3920-904 2317.49
	24X6	3720-906 2298.34	3920-906 2642.74
	24X8	3720-908 2446.67	3920-908 3449.11
	24X10	3720-910 2615.56	3920-910 3743.77
	24X12	3720-912 2880.52	3920-912 4294.79
	24X14	3720-914 2962.72	3920-914 5041.30
	24X16	3720-916 3283.61	3920-916 5345.20
	24X18	3720-918 3667.24	3920-918 5614.22
	24X20	3720-920 4440.39	3920-920 5978.71

**CAP (Soc)**

	10	3747-100' 111.14	3947-100 217.02
	12	3747-120' 140.35	3947-120 375.72
	14	3747-140' 238.65	3947-140 426.11
	16	3747-160 305.50	3947-160 562.40
	18	3747-180 338.04	3947-180 738.89
	20	3747-200 595.44	3947-200 853.85
	24	3747-240 880.17	3947-240 990.76

**SPIGOT PLUG (Spigot)**

	6	3749-060 42.96	3949-060 129.93
	8	3749-080 109.73	3949-080 219.30
	10	3749-100 125.14	3949-100 277.26
	12	3749-120 179.37	3949-120 441.46
	14	3749-140 304.32	---
	16	3749-160 370.82	3949-160 642.16



## TECHNICAL INFORMATION

### MATERIALS

#### THERMOPLASTICS

**UPVC** — All PVC referenced in this publication is unplasticized PVC, commonly referred to as UPVC.

##### PVC — Poly Vinyl Chloride

PVC is one of the most specified thermoplastics for piping system components, including valves, fittings, flanges and many specialty products. PVC has excellent chemical and corrosion resistance to a broad range of fluids including water, deionized water, most mineral acids, bases, salts and paraffinic hydrocarbon solutions. PVC is not recommended for use with chlorinated or aromatic hydrocarbons, esters or polar solvents such as ketones. Spears® PVC materials conform to ASTM Cell Classification 12454-B (formerly designated as Type I, Grade 1). The maximum recommended service temperature of PVC products is 60°C (140°F).

##### CPVC — Chlorinated Poly Vinyl Chloride

Chlorinated PVC is used for higher temperature applications than PVC, especially for handling hot corrosive liquids. With similar chemical and corrosion resistance to PVC, increased chlorine content gives CPVC superior thermal resistance. CPVC is not recommended for use with chlorinated or aromatic hydrocarbons, esters, or polar solvents such as ketones. Spears® CPVC materials conform to ASTM Cell Classification 23447-B (formerly designated as Type IV, Grade 1). The maximum recommended service temperature of CPVC products is 93°C (200°F).

#### ELASTOMERS

##### EPR (EPDM) Ethylene propylene rubber

Used in O-ring seals, EPR is recommended for water, chlorinated water, dilute acids and alkalines, alcohols, and has excellent resistance to ozone. EPR is not recommended for petroleum oils, di-ester lubricants, strong acids, or strong alkalines. The maximum recommended service temperature of EPR is 149°C (300°F).

##### FPM (Viton®) — Fluorocarbon elastomer

Viton® is a registered trademark of Dupont Dow Elastomers. Used in O-ring seals, FPM exhibits a very broad range of chemical resistance, including petroleum oils, di-ester based lubricants, silicate fluids and greases, halogenated hydrocarbons and mineral acids. FPM is not recommended for ketones, amines, anhydrous ammonia, hot hydrofluoric or chlorosulfonic acids or automotive brake fluids. The maximum recommended service temperature of FPM is 204°C (400°F).

##### NITRILE (Buna-N) — Nitrile elastomer

Used in O-ring seals, nitrile elastomers are recommended for petroleum oils and fluids, silicone oils and greases, Di-ester based lubricants, ethylene glycol based fluids and cold water. Nitrile is not recommended for phosphate ester hydraulic fluids, halogenated hydrocarbons, strong acids, ketone, ozone or automotive brake fluids. The maximum recommended service temperature of nitrile is 135°C (275°F).

### IMPORTANT

#### SPECIFICATION STANDARDS ORIGIN

**Not all metric fitting sizes are the same.** Today's global markets have varying standards, norms and interpretations of metric sizing. Identification of the standards origin for which fittings are being specified is essential in assuring that the proper fitting is obtained for each application.

#### METRIC SIZE DIAMETERS: ACTUAL (O.D.) vs. NOMINAL (I.D.)

Pipe and fitting sizes are specified according to a diameter. It is important to know if a specification of size is an actual O.D. (**d**), or a nominal diameter (**DN**) which is based on pipe I.D.

Where applicable, Spears® metric socket fittings in this price schedule have size columns to indicate both actual "**d**" and nominal "**DN**". It is always best to identify the actual pipe O.D. being used in order to select the proper fitting.

#### THREADS

Spears® metric thread fittings use BSP (British Standard Pipe) threads designated in inch-sizes, which also conform to ISO 7/1 metric threads. ASTM Iron Pipe Size (IPS) threads use NPT (National Pipe Thread) threads which are also designated as inch size, conforming to ASTM F 1498. BSP threads are not compatible with NPT threads.

### SPEARS® METRIC FITTINGS

#### PN16 PVC AND CPVC METRIC FITTINGS (PG 190/192)

Injection Molded.

<b>Size Range:</b>	20mm through 63mm socket, actual "d" 1/2" through 2" threaded
<b>Sockets:</b>	ISO 727
<b>Threads - BSP:</b>	ISO 7/1
<b>Laying Lengths:</b>	ISO 264
<b>Pressure Rating:</b>	PN16 = 16 BAR at 23°C (232 psi at 73°F)

#### PN10 (CLASS 10/12) PVC METRIC SOCKET FITTINGS (PG 190)

Injection Molded.

<b>Size Range:</b>	160mm and 225mm socket, actual "d" 73°F
<b>Sockets:</b>	ISO 727 diameters (ASTM D 2467 socket length)
<b>Pressure Rating:</b>	160mm: PN12 = 12 BAR at 23°C (174 psi at 73°F) 225mm: PN10 = 10 BAR at 23°C (145 psi at 73°F)

## Metric Fittings & Valves PVC & CPVC Metric Fittings, Unions & Valves



### **PVC ASTM SCHEDULE 40 SOCKET X BSP ADAPTER FITTINGS (WHITE & GRAY) (PG 195/6)**

Injection molded.

<b>Size Range:</b>	3/4" through 3" socket x threaded, nominal
<b>Sockets:</b>	Iron Pipe Size (IPS) to ASTM D 2466
<b>Threads - BSP:</b>	ISO 7/1
<b>Pressure Rating:</b>	Designed for use with corresponding size and pressure of ASTM D 1785 Schedule 40 pipe with 50% derating of threaded system.

### **PVC TRANSITION UNIONS (PG 197)**

Injection molded; specially designed for transitions between ASTM IPS (Iron Pipe Size) systems and either ISO (International Standards Organization) metric, or JIS (Japanese Industrial Standards) metric systems.

<b>Size Range:</b>	ASTM IPS (inch): 1/2" through 4", nominal — connect to — ISO Metric (mm): 20mm through 110mm socket, actual "d" 1/2" through 4" BSP threaded — or to — JIS Metric (mm): 16mm through 100mm socket, nominal "DN"
<b>Sockets:</b>	ASTM IPS (inch): ASTM D 2467 ISO Metric (mm): ISO 727 diameters (ASTM D 2467 socket length) JIS Metric (mm): JIS K6741 diameters (ASTM D 2467 socket length)
<b>Threads:</b>	NPT: ASTM F 1498 BSP: ISO 7/1
<b>Pressure Rating:</b>	16.2 BAR at 23°C (235 psi at 73°F)

## **PVC & CPVC METRIC VALVES**

### **TRUE UNION BALL VALVES & BALL CHECK VALVES (PG 238/239 & 228/229)**

<b>Size Range:</b>	20mm through 110mm socket, actual "d" 1/2" through 2" BSP threaded
<b>Sockets:</b>	ISO 727 diameters (ASTM D 2467 socket length)
<b>Threads - BSP:</b>	ISO 7/1
<b>Pressure Rating:</b>	20mm - 62mm      16.2 BAR at 23°C (235 psi at 73°F) 75mm - 110mm    10.3 BAR at 23°C (150 psi at 73°F)

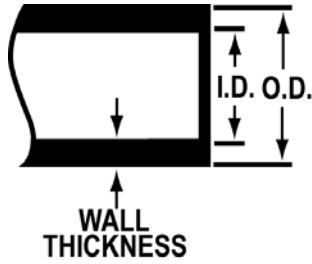
### **GATE VALVES (PG 208/209)**

<b>Size Range:</b>	20mm through 63mm socket, actual "d" 1/2" through 2" BSP threaded
<b>Sockets:</b>	ISO 727 diameters (ASTM 2467 socket length)
<b>Threads - BSP:</b>	ISO 7/1
<b>Pressure Rating:</b>	13.8 BAR at 23°C (200 psi at 73°F)



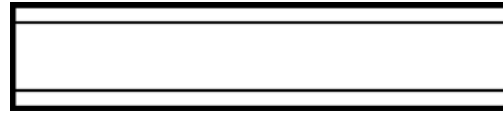
## Metric Fittings & Valves PVC & CPVC Metric Fittings, Unions & Valves

**SCHEDULE 40 & SCHEDULE 80 PIPE DIMENSIONS**  
ASTM STANDARD D 1785



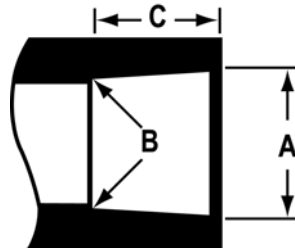
Nominal Pipe Size (inch)	Mean Outside Diameter (inch)	O.D. Tolerance (inch)	Minimum Wall Thickness (inch)	
			Schedule 40	Schedule 80
1/2	0.840	± 0.004	0.109	0.147
3/4	1.050	± 0.004	0.113	0.154
1	1.315	± 0.005	0.133	0.179
1-1/4	1.660	± 0.005	0.140	0.191
1-1/2	1.900	± 0.006	0.145	0.200
2	2.375	± 0.006	0.154	0.218
2-1/2	2.875	± 0.007	0.203	0.276
3	3.500	± 0.008	0.216	0.300
4	4.500	± 0.009	0.237	0.337
6	6.625	± 0.011	0.280	0.420
8	8.625	± 0.015	0.322	0.500
10	10.750	± 0.015	0.365	0.593
12	12.750	± 0.015	0.406	0.687

**ASTM PIPE PRESSURE RATINGS**



Inch	mm O.D.	Schedule 40		Schedule 80	
		psi	BAR	psi	BAR
1/2	21.34	600	41.3	850	58.6
3/4	26.67	480	33.1	690	47.5
1	33.40	450	31.0	630	43.4
1-1/4	42.16	370	25.5	520	35.8
1-1/2	48.26	330	22.7	470	32.4
2	60.32	280	19.3	400	27.5
2-1/2	73.02	300	20.6	420	28.9
3	88.90	260	17.9	370	25.5
4	114.30	220	15.1	320	22.0
6	168.28	180	12.4	280	19.3
8	219.08	160	11.0	250	17.2
10	273.05	140	9.7	230	15.8
12	323.85	130	8.9	230	15.8

**SCHEDULE 40 & SCHEDULE 80 BASIC SOCKET DIMENSIONS**  
ASTM STANDARDS D 2466 & D 2467



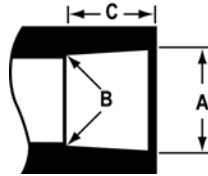
Nominal Size (inch)	Diameter			Socket Length Minimum C
	Entrance A	Bottom B	Tolerance (inch)	
1/2	0.848	0.836	± 0.004	0.688
3/4	1.058	1.046	± 0.004	0.719
1	1.325	1.310	± 0.005	0.875
1-1/4	1.670	1.655	± 0.005	0.938
1-1/2	1.912	1.894	± 0.006	1.094
2	2.387	2.369	± 0.006	1.156
2-1/2	2.889	2.868	± 0.007	1.750
3	3.516	3.492	± 0.008	1.875
4	4.518	4.491	± 0.009	2.000
6	6.647	6.614	± 0.011	3.000
8	8.655	8.610	± 0.015	4.000
10	10.780	10.735	± 0.015	5.000
12	12.780	12.735	± 0.015	6.000



**Metric Fittings & Valves  
PVC & CPVC Metric Fittings, Unions & Valves**

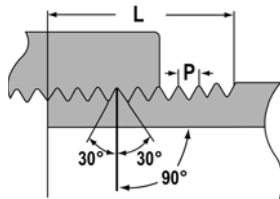


**PVC METRIC FABRICATED FITTINGS BASIC SOCKET DIMENSIONS**



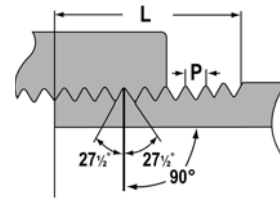
Size	Socket Entrance A		Tolerance ±		Socket Bottom B		Tolerance ±		C Socket Depth (Minimum)	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
110mm	4.346	110.39	0.015	0.38	4.316	109.63	0.015	0.38	2.500	63.50
125mm	4.934	125.32	0.016	0.41	4.930	125.22	0.016	0.41	2.750	69.85
160mm	6.319	160.50	0.020	0.51	6.270	159.26	0.020	0.51	3.500	88.90
200mm	7.900	200.66	0.026	0.66	7.848	199.34	0.026	0.66	4.250	107.95
225mm	8.870	225.30	0.029	0.74	8.829	224.26	0.029	0.74	4.750	120.65
250mm	9.875	250.83	0.032	0.81	9.811	249.20	0.032	0.81	5.250	133.35
280mm	11.059	280.90	0.035	0.89	10.992	279.20	0.035	0.89	5.750	146.05
315mm	12.441	316.00	0.039	0.99	12.363	314.02	0.039	0.99	6.500	165.10

**AMERICAN NATIONAL STANDARD TAPER PIPE THREADS  
(NPT)  
ANSI STANDARD B1.20.1  
ASTM STANDARDS D 2464, F 437, F 1498**



Nominal Size (inch)	Threads per Inch	Effective Thread Length L inches	Pitch of Thread P inches
1/2	14	0.5337	0.07143
3/4	14	0.5457	0.07143
1	11-1/2	0.6828	0.08696
1-1/4	11-1/2	0.7068	0.08696
1-1/2	11-1/2	0.7235	0.08696
2	11-1/2	0.7565	0.08696
2-1/2	8	1.1375	0.12500
3	8	1.2000	0.12500
4	8	1.3000	0.12500

**BSP ISO 7/1  
PARALLEL THREADS**



Nominal Size (inch)	Threads per Inch	Effective Thread Length L mm	Pitch of Thread P mm
1/2	14	13.152	1.8143
3/4	14	14.514	1.8143
1	11	16.714	2.3091
1-1/4	11	19.050	2.3091
1-1/2	11	19.050	2.3091
2	11	23.378	2.3091
2-1/2	11	26.698	2.3091
3	11	29.873	2.3091
4	11	35.791	2.3091

**STANDARDS COMPARISON**

JIS K6741 mm		DIN 8062 mm		ASTM D 1785			NPT — ANSI B1.20.1 Tapered Thread		BSP — ISO 7/1 Parallel Thread	
Nominal	Actual O.D.	Nominal	Actual O.D.	Nominal		mm	Designation	Threads per inch	Designation	Threads per 25.4mm
				inches	inches					
16	22	15	20	1/2	.840	21.34	1/2	14	1/2	14
20	26	20	25	3/4	1.050	26.67	3/4	14	3/4	14
25	32	25	32	1	1.315	33.40	1	11-1/2	1	11
30	38	32	40	1-1/4	1.660	42.16	1-1/4	11-1/2	1-1/4	11
40	48	40	50	1-1/2	1.900	48.26	1-1/2	11-1/2	1-1/2	11
50	60	50	63	2	2.375	60.32	2	11-1/2	2	11
75	89	80	90	3	3.500	88.90	3	8	3	11
100	114	100	110	4	4.500	114.30	4	8	4	11



**Metric Fittings & Valves**  
**PN16 PVC Metric Fittings & PN16 CPVC Metric Fittings**

**PN16 PVC Metric Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC TRANSITION COUPLING**

JIS Socket (mm) x ASTM Socket (in)



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

8229-016	<b>16 DN X 1/2</b>	25	150	197	5.68
8229-020	<b>20 DN X 3/4</b>	25	150	197	7.69
8229-025	<b>25 DN X 1</b>	20	160	197	7.90
8229-030	<b>30 DN X 1-1/4</b>	20	0	197	12.04
8229-040	<b>40 DN X 1-1/2</b>	10	0	197	12.98
8229-050	<b>50 DN X 2</b>	10	0	197	13.94

**PVC UNION VITON®**

Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

657-020	<b>20 d</b>	10	60	190	11.65
657-025	<b>25 d</b>	10	60	190	14.80
657-032	<b>32 d</b>	10	40	190	16.88

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC UNION VITON® (continued)**

Socket

657-040	<b>40 d</b>	5	20	190	33.54
657-050	<b>50 d</b>	5	0	190	37.99
657-063	<b>63 d</b>	5	0	190	51.50

**PVC UNION EPDM**

Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

697-020	<b>20 d</b>	10	60	190	11.48
697-025	<b>25 d</b>	10	60	190	14.61
697-032	<b>32 d</b>	10	40	190	16.72
697-040	<b>40 d</b>	5	20	190	33.15
697-050	<b>50 d</b>	5	0	190	37.51
697-063	<b>63 d</b>	5	0	190	50.89

**PN16 CPVC Metric Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC TRANSITION COUPLING**

JIS Socket (mm) x ASTM Socket (in)



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

8229-016C	<b>16 DN X 1/2</b>	25	150	197	6.06
8229-020C	<b>20 DN X 3/4</b>	25	150	197	8.47
8229-025C	<b>25 DN X 1</b>	20	160	197	11.41
8229-030C	<b>30 DN X 1-1/4</b>	20	0	197	17.09
8229-040C	<b>40 DN X 1-1/2</b>	10	0	197	21.51
8229-050C	<b>50 DN X 2</b>	10	0	197	25.00

**CPVC UNION VITON®**

Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

657-020C	<b>20 d</b>	10	60	192	26.01
657-025C	<b>25 d</b>	10	60	192	27.17
657-032C	<b>32 d</b>	10	40	192	32.61
657-040C	<b>40 d</b>	5	20	192	65.99
657-050C	<b>50 d</b>	5	0	192	67.19
657-063C	<b>63 d</b>	5	0	192	111.38

**CPVC UNION EPDM**

Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

697-020C	<b>20 d</b>	10	60	192	25.93
697-025C	<b>25 d</b>	10	40	192	26.85
697-032C	<b>32 d</b>	10	40	192	32.17
697-040C	<b>40 d</b>	5	20	192	65.14
697-050C	<b>50 d</b>	5	0	192	66.38
697-063C	<b>63 d</b>	5	0	192	110.01

## Metric Fittings & Valves Class 10/12 PVC & CPVC Metric Fittings & Class 150 Flanges



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC TEE Socket



PN 10

6201-060	<b>160 d</b>	4	0	190	214.38
6201-080	<b>225 d</b>	2	0	190	497.20
6201-160040	<b>160 d X 4</b>	2	0	190	214.38
601-280	<b>280 d</b>	1	0	191	1642.65

### PVC 90° ELL Socket



PN 10

6206-060	<b>160 d</b>	4	0	190	127.48
6206-080	<b>225 d</b>	2	0	190	351.37
606-280	<b>280 d</b>	1	0	191	1572.50

### PVC 45° ELL Socket



PN 10

6217-060	<b>160 d</b>	5	0	190	153.20
6217-080	<b>225 d</b>	2	0	190	332.15
617-280	<b>280 d</b>	2	0	191	875.26

### PVC REDUCER BUSHING Spigot x Socket



PN 10

637-225160	<b>225 X 160 d</b>	3	0	190	206.05
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### PVC CAP Socket



PN 10

6247-060	<b>160 d</b>	4	0	190	248.60
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### CPVC WYE Socket



PN 10

6275-160110C	<b>160 d X 110 d</b>	5	0	192	603.56
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### PVC FLANGE\* Van Stone Style ASTM Socket x Multi-bolt Pattern Ring



150 psi

M854-020	<b>2</b>	10	0	080	28.63
M854-060	<b>6</b>	5	0	080	97.24
M854-080	<b>8</b>	2	0	080	158.35

\* Hubs fit 2", 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

### PVC FLANGE\* Van Stone Style Spigot x Multi-bolt Pattern Ring



150 psi

M856-020	<b>2</b>	10	0	080	28.85
M856-060	<b>6</b>	4	0	080	98.04
M856-080	<b>8</b>	2	0	080	159.54

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC FLANGE\* Van Stone Style (continued) Spigot x Multi-bolt Pattern Ring

\* Spigots fit 2", 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2", 6" and 8" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

### PVC FLANGE\* Van Stone Style ASTM Socket x Table D&E Drilling



150 psi

854-030DE	<b>3"/80 nom.</b>	10	0	080	48.87
854-040DE	<b>4"/110 nom.</b>	5	0	080	61.82

\* Hubs fit 3" or 4" ASTM IPS Pipe. Rings are manufactured to BS 10 Table D & Table E bolt patterns.

### PVC FLANGE\* Van Stone Style ASTM Spigot x Table D&E Drilling



150 psi

856-030DE	<b>3"/80 nom.</b>	10	0	080	49.26
856-040DE	<b>4"/110 nom.</b>	10	0	080	62.33

\* Spigots fit 3" or 4" ASTM IPS fitting sockets. Rings are manufactured to BS 10 Table D & Table E bolt patterns.

### PVC FLANGE\* Van Stone Style ASTM Socket x DIN PN 10/16 Drilling



150 psi

854-030DIN	<b>3"/80 nom.</b>	10	0	080	48.87
854-040DIN	<b>4"/110 nom.</b>	5	0	080	61.82

\* Hubs fit 3" or 4" ASTM IPS Pipe. Rings are manufactured to DIN 8063-4 PN 10 and PN 16 bolt patterns.

### PVC FLANGE\* Van Stone Style ASTM Spigot x DIN PN 10/16 Drilling



150 psi

856-030DIN	<b>3"/80 nom.</b>	10	0	080	49.26
856-040DIN	<b>4"/110 nom.</b>	5	0	080	62.33

\* Spigots fit 3" or 4" ASTM IPS fitting sockets. Rings are manufactured to DIN 8063-4 PN 10 and PN 16 bolt patterns.

### PVC FLANGE\* Van Stone Style Metric Socket x Multi Pattern Ring



150 psi

6254-160	<b>160 d</b>	5	0	190	97.24
6254-200	<b>200 d</b>	2	0	190	158.35
6254-225	<b>225 d</b>	2	0	190	158.35
6254-280	<b>280 d</b>	2	0	191	205.00

\* Hubs are manufactured to fit 160mm - 225mm and 280 mm O.D. Pipe. Rings are manufactured to accept bolt patterns for ANSI Class 150, B.S. 4504 NP10, B.S. 4504 NP16 (except 225mm), B.S. 10 Table D (except 280mm) and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.



**Metric Fittings & Valves**  
**PVC ASTM Schedule 40 Socket x BSP Adapter Fittings (White & Gray)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC WHITE TEE**  
**ASTM Socket x FBSP**



SCH 40

302-007	3/4	50	0	195	1.56
302-010	1	50	0	195	2.89
302-131	1X3/4	50	0	195	2.89
302-211	1-1/2X1	25	0	195	5.99
302-249	2X1	10	0	195	7.54

**PVC WHITE 90° ELL**  
**ASTM Socket x FBSP**



SCH 40

307-007	3/4	50	0	195	.87
307-010	1	50	0	195	1.63
307-131	1X3/4	50	0	195	2.51
307-211	1-1/2X1	25	0	195	6.07

**HDPE BLACK 90° STREET ELL**  
**MBSP x FBSP**



N.P.R.

M312-010	1	50	0	195	3.51
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**PVC WHITE RISER EXTENSION**  
**MBSP x FBSP**



SCH 40

334-007	3/4	50	400	195	1.88
334-010	1	50	0	195	2.35

**PVC WHITE FEMALE ADAPTER**  
**ASTM Socket x FBSP**



SCH 40

335-010	1	50	0	195	1.01
335-012	1-1/4	25	0	195	1.56
335-015	1-1/2	25	0	195	1.79
335-020	2	10	0	195	2.40

**PVC WHITE MALE ADAPTER**  
**MBSP x ASTM Socket**



SCH 40

336-005	1/2	50	300	195	.55
336-007	3/4	50	400	195	.61
336-010	1	50	300	195	1.10
336-012	1-1/4	25	200	195	1.34
336-015	1-1/2	25	0	195	1.79
336-020	2	25	0	195	2.35
336-030	3	10	0	195	10.14
336-131	1X3/4	50	400	195	3.36

**PVC WHITE FEMALE ADAPTER**  
**ASTM Spigot x FBSP**

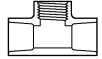


SCH 40

378-010	1	50	0	195	1.54
378-015	1-1/2	20	0	195	2.49
378-020	2	20	0	195	3.66

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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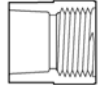
**PVC GRAY TEE**  
**Socket**



SCH 40

302-010G	1	50	0	196	3.23
302-012G	1-1/4	25	0	196	5.13
302-211G	1-1/2X1	25	0	196	6.64
302-249G	2X1	10	0	196	8.38

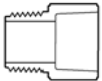
**PVC GRAY FEMALE ADAPTER**  
**ASTM Socket x FBSP**



SCH 40

335-010G	1	50	0	196	1.13
335-012G	1-1/4	25	0	196	1.72
335-015G	1-1/2	25	0	196	2.01
335-020G	2	10	0	196	2.69
335-025G	2-1/2	5	0	196	6.77

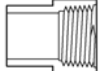
**PVC GRAY MALE ADAPTER**  
**MBSP x ASTM Socket**



SCH 40

336-010G	1	50	300	196	1.21
336-012G	1-1/4	25	200	196	1.46
336-015G	1-1/2	25	0	196	2.01
336-020G	2	25	0	196	2.60
336-025G	2-1/2	5	0	196	7.69
336-030G	3	10	0	196	11.28
336-040G	4	5	0	196	14.35

**PVC GRAY FEMALE ADAPTER**  
**ASTM Spigot x FBSP**



378-010G	1	50	0	196	1.62
378-015G	1-1/2	25	0	196	2.77
378-020G	2	20	0	196	4.07

**PVC GRAY TAKE-OFF ADAPTER**  
**Spigot x MBSP**



SCH 40

361-005G	1/2	50	300	196	.97
361-007G	3/4	50	400	196	1.10
361-010G	1	50	0	196	1.90
361-012G	1-1/4	25	100	196	2.35
361-015G	1-1/2	25	0	196	3.14
361-020G	2	25	0	196	3.87

**PVC GRAY REDUCING TAKE-OFF ADAPTER**  
**Spigot/Socket x MBSP**



SCH 40

361-168G	1-1/4X1X1	25	100	196	2.35
361-212G	1-1/2X1-1/4X1-1/4	25	0	196	3.14
361-251G	2X1-1/2X1-1/2	25	0	196	3.87

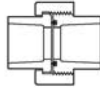
## Metric Fittings & Valves PVC Transition Unions



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Soc with Viton® O-ring Seal

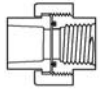


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8657-020	20 d X 1/2	10	60	197	10.46
8657-025	25 d X 3/4	10	40	197	13.32
8657-032	32 d X 1	10	40	197	15.20
8657-040	40 d X 1-1/4	10	0	197	30.19
8657-050	50 d X 1-1/2	10	0	197	34.19
8657-063	63 d X 2	5	0	197	46.37
8657-090	90 d X 3	5	0	197	86.31
8657-110	110 d X 4	4	0	197	120.21

### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Fipt with Viton® O-ring Seal

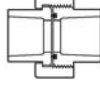


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8658-020	20 d X 1/2	10	60	197	12.78
8658-025	25 d X 3/4	20	80	197	17.86
8658-032	32 d X 1	15	90	197	23.76
8658-040	40 d X 1-1/4	10	0	197	45.37
8658-050	50 d X 1-1/2	10	0	197	56.16
8658-063	63 d X 2	5	0	197	86.41
8658-090	90 d X 3	5	0	197	203.98
8658-110	110 d X 4	4	0	197	234.43

### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal

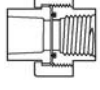


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8697-020	20 d X 1/2	20	240	197	10.33
8697-025	25 d X 3/4	10	60	197	13.16
8697-032	32 d X 1	15	90	197	15.05
8697-040	40 d X 1-1/4	10	0	197	29.83
8697-050	50 d X 1-1/2	10	0	197	33.77
8697-063	63 d X 2	5	0	197	45.80
8697-090	90 d X 3	5	0	197	85.23
8697-110	110 d X 4	4	0	197	117.88

### PVC Transition Union

DIN (mm) Soc x ASTM (in.) Fipt with EPDM O-ring Seal

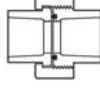


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8698-020	20 d X 1/2	20	160	197	12.60
8698-025	25 d X 3/4	20	80	197	17.63
8698-032	32 d X 1	15	90	197	23.46
8698-040	40 d X 1-1/4	10	0	197	44.59
8698-050	50 d X 1-1/2	10	0	197	55.46
8698-063	63 d X 2	5	0	197	85.35
8698-090	90 d X 3	5	0	197	201.43
8698-110	110 d X 4	4	0	197	231.28

### PVC Transition Union

JIS (mm) Soc x ASTM (in.) Soc with Viton® O-ring Seal



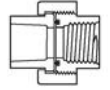
235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8257-016	16 DN X 1/2	20	160	197	10.46
8257-020	20 DN X 3/4	10	40	197	13.32
8257-025	25 DN X 1	15	90	197	15.20
8257-030	30 DN X 1-1/4	10	0	197	30.19
8257-040	40 DN X 1-1/2	10	0	197	34.19
8257-050	50 DN X 2	5	0	197	46.37
8257-075	75 DN X 3	5	0	197	86.31
8257-100	100 DN X 4	4	0	197	120.21

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### PVC Transition Union

JIS (mm) Soc x ASTM (in.) Fipt with Viton® O-ring Seal

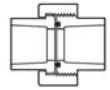


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8258-016	16 DN X 1/2	20	160	197	12.78
8258-020	20 DN X 3/4	20	80	197	17.86
8258-025	25 DN X 1	15	90	197	23.76
8258-030	30 DN X 1-1/4	10	0	197	45.37
8258-040	40 DN X 1-1/2	10	0	197	56.16
8258-050	50 DN X 2	5	0	197	86.41
8258-075	75 DN X 3	5	0	197	203.98
8258-100	100 DN X 4	4	0	197	234.43

### PVC Transition Union

JIS (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal

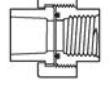


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8297-016	16 DN X 1/2	20	160	197	10.33
8297-020	20 DN X 3/4	20	80	197	13.16
8297-025	25 DN X 1	15	90	197	15.05
8297-030	30 DN X 1-1/4	10	0	197	29.83
8297-040	40 DN X 1-1/2	10	0	197	33.77
8297-050	50 DN X 2	5	0	197	45.80
8297-075	75 DN X 3	5	0	197	85.23
8297-100	100 DN X 4	4	0	197	117.88

### PVC Transition Union

JIS (mm) Soc x ASTM (in.) Fipt with EPDM O-ring Seal

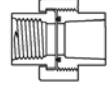


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8298-016	16 DN X 1/2	20	160	197	12.60
8298-020	20 DN X 3/4	20	80	197	17.63
8298-025	25 DN X 1	15	90	197	23.46
8298-030	30 DN X 1-1/4	10	0	197	44.59
8298-040	40 DN X 1-1/2	10	0	197	55.46
8298-050	50 DN X 2	5	0	197	85.35
8298-075	75 DN X 3	5	0	197	201.43
8298-100	100 DN X 4	4	0	197	231.28

### PVC Transition Union

BSP Thread (in.) x ASTM (in.) Soc with Viton® O-ring Seal

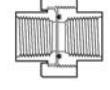


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8359-005	1/2	20	160	197	12.78
8359-007	3/4	20	80	197	17.86
8359-010	1	15	90	197	23.76
8359-012	1-1/4	10	0	197	45.37
8359-015	1-1/2	10	0	197	56.16
8359-020	2	5	0	197	86.41
8359-030	3	5	0	197	203.98
8359-040	4	4	0	197	234.43

### PVC Transition Union

BSP Thread (in.) x ASTM (in.) Fipt with Viton® O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8358-005	1/2	20	160	197	12.18
8358-007	3/4	20	80	197	17.01
8358-010	1	15	90	197	22.65
8358-012	1-1/4	10	0	197	43.21
8358-015	1-1/2	10	0	197	53.49
8358-020	2	5	0	197	82.31
8358-030	3	5	0	197	208.77
8358-040	4	4	0	197	245.35



## Metric Fittings & Valves PVC Transition Unions & True Union Ball Valves (Regular Style)

### PVC Transition Unions

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### PVC Transition Union

BSP Thread (in.) x ASTM (in.) Soc with EPDM O-ring Seal



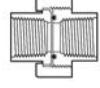
235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8399-005	1/2	10	60	197	12.60
8399-007	3/4	20	80	197	17.63
8399-010	1	15	90	197	23.46
8399-012	1-1/4	10	0	197	44.81
8399-015	1-1/2	10	0	197	55.46
8399-020	2	5	0	197	85.35
8399-030	3	5	0	197	201.43
8399-040	4	4	0	197	231.28

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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#### PVC Transition Union

BSP Thread (in.) x ASTM (in.) Fipt with EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8398-005	1/2	10	60	197	12.00
8398-007	3/4	10	40	197	16.80
8398-010	1	10	40	197	22.36
8398-012	1-1/4	5	20	197	42.67
8398-015	1-1/2	5	0	197	52.82
8398-020	2	5	0	197	84.86
8398-030	3	5	0	197	206.19
8398-040	4	4	0	197	241.15

### True Union Ball Valves (Regular Style)



Pressure Rating @ 73°F (23°C), Water  
2-1/2" - 4" PN 10

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

Pressure Deratings Apply

Rated for Vacuum Service

PTFE Seats

#### PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2324-025	75MM	1	0	238	307.61
2324-030	90MM	1	0	238	405.56
2324-040	110MM	1	0	238	685.23

#### PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
2334-025	75MM	1	0	238	416.81
2334-030	90MM	1	0	238	450.63
2334-040	110MM	1	0	238	761.35

#### PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2325-025	2-1/2	1	0	238	307.61
2325-030	3	1	0	238	405.56
2325-040	4	1	0	238	685.23

#### PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
2335-025	2-1/2	1	0	238	416.81
2335-030	3	1	0	238	450.63
2335-040	4	1	0	238	761.35

#### CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2324-025C	75MM	1	0	239	514.91

#### CPVC True Union Ball Valve (Regular Style) (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2324-030C	90MM	1	0	239	602.06
2324-040C	110MM	1	0	239	1090.95

#### CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
2334-025C	75MM	1	0	239	572.10
2334-030C	90MM	1	0	239	668.98
2334-040C	110MM	1	0	239	1212.17

#### CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2325-025C	2-1/2	1	0	239	515.04
2325-030C	3	1	0	239	602.06
2325-040C	4	1	0	239	1090.95

#### CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
2335-025C	2-1/2	1	0	239	572.10
2335-030C	3	1	0	239	668.98
2335-040C	4	1	0	239	1212.17



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" PN 16

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Pressure Deratings Apply  
 Rated for Vacuum Service  
 PTFE Seats  
 Locking Handle

**PVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
1824-005	20 d	1	18	238	47.21
1824-007	25 d	1	18	238	55.86
1824-010	32 d	1	12	238	66.52
1824-012	40 d	1	8	238	92.02
1824-015	50 d	1	8	238	110.84
1824-020	63 d	1	4	238	146.26

**PVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
1834-005	20 d	1	18	238	52.51
1834-007	25 d	1	18	238	62.14
1834-010	32 d	1	12	238	74.09
1834-012	40 d	1	8	238	117.46
1834-015	50 d	1	8	238	123.04
1834-020	63 d	1	4	238	161.06

**PVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
1825-005	1/2	1	18	238	47.21
1825-007	3/4	1	18	238	55.86
1825-010	1	1	12	238	66.52
1825-012	1-1/4	1	8	238	92.02
1825-015	1-1/2	1	8	238	110.84
1825-020	2	1	4	238	146.26

**PVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
1835-005	1/2	1	18	238	52.51
1835-007	3/4	1	18	238	62.14
1835-010	1	1	12	238	74.09
1835-012	1-1/4	1	8	238	117.46
1835-015	1-1/2	1	8	238	123.04
1835-020	2	1	4	238	161.06

**PVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
1828-005	16 DN	1	18	238	47.21
1828-007	20 DN	1	18	238	55.86
1828-010	25 DN	1	12	238	66.52
1828-012	30 DN	1	8	238	92.02
1828-015	40 DN	1	8	238	110.84
1828-020	50 DN	1	4	238	146.26

**PVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
1838-005	16 DN	1	18	238	52.51
1838-007	20 DN	1	18	238	62.14
1838-010	25 DN	1	12	238	74.09

**PVC True Union 2000 Industrial Ball Valves (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
1838-012	30 DN	1	8	238	117.46
1838-015	40 DN	1	8	238	123.04
1838-020	50 DN	1	4	238	161.06

**CPVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
1824-005C	20 d	1	18	239	62.35
1824-007C	25 d	1	18	239	78.52
1824-010C	32 d	1	12	239	93.48
1824-012C	40 d	1	8	239	148.61
1824-015C	50 d	1	8	239	156.95
1824-020C	63 d	1	4	239	209.90

**CPVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
1834-005C	20 d	1	18	239	69.28
1834-007C	25 d	1	18	239	87.27
1834-010C	32 d	1	12	239	103.86
1834-012C	40 d	1	8	239	165.17
1834-015C	50 d	1	8	239	174.39
1834-020C	63 d	1	4	239	241.30

**CPVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
1825-005C	1/2	1	18	239	62.35
1825-007C	3/4	1	18	239	78.52
1825-010C	1	1	12	239	93.48
1825-012C	1-1/4	1	8	239	148.61
1825-015C	1-1/2	1	8	239	156.95
1825-020C	2	1	4	239	209.90

**CPVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
1835-005C	1/2	1	18	239	69.28
1835-007C	3/4	1	18	239	87.27
1835-010C	1	1	12	239	103.86
1835-012C	1-1/4	1	8	239	165.17
1835-015C	1-1/2	1	8	239	174.39
1835-020C	2	1	4	239	241.30

**CPVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
1828-005C	16 DN	1	18	239	62.35
1828-007C	20 DN	1	18	239	78.52
1828-010C	25 DN	1	12	239	93.48
1828-012C	30 DN	1	8	239	148.61
1828-015C	40 DN	1	8	239	156.95



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial Ball Valves & PVC & CPVC True Union 2000 Standard Ball Valves**

**PVC & CPVC True Union 2000 Industrial Ball Valves**

**CPVC True Union 2000 Industrial Ball Valves (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC EPDM**

1828-020C	<b>50 DN</b>	1	4	239	209.90
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**CPVC True Union 2000 Industrial Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC Viton®**

1838-005C	<b>16 DN</b>	1	18	239	69.28
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**CPVC True Union 2000 Industrial Ball Valves (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC Viton®**

1838-007C	<b>20 DN</b>	1	18	239	87.27
1838-010C	<b>25 DN</b>	1	12	239	103.57
1838-012C	<b>30 DN</b>	1	8	239	165.17
1838-015C	<b>40 DN</b>	1	8	239	174.39
1838-020C	<b>50 DN</b>	1	4	239	241.30

**PVC & CPVC True Union 2000 Standard Ball Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" PN 16

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Pressure Deratings Apply  
 PE Seats

**PVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC EPDM**

3624-005	<b>20 d</b>	1	18	238	37.78
3624-007	<b>25 d</b>	1	18	238	44.68
3624-010	<b>32 d</b>	1	18	238	53.22
3624-012	<b>40 d</b>	1	12	238	73.61
3624-015	<b>50 d</b>	1	8	238	88.68
3624-020	<b>63 d</b>	1	8	238	117.02

**PVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC Viton®**

3634-005	<b>20 d</b>	1	18	238	42.02
3634-007	<b>25 d</b>	1	18	238	49.70
3634-010	<b>32 d</b>	1	18	238	59.28
3634-012	<b>40 d</b>	1	12	238	93.96
3634-015	<b>50 d</b>	1	8	238	98.44
3634-020	<b>63 d</b>	1	8	238	128.84

**PVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**BSP Threaded EPDM**

3625-005	<b>1/2</b>	1	18	238	37.78
3625-007	<b>3/4</b>	1	18	238	44.68
3625-010	<b>1</b>	1	18	238	53.22
3625-012	<b>1-1/4</b>	1	12	238	73.61
3625-015	<b>1-1/2</b>	1	8	238	88.68
3625-020	<b>2</b>	1	8	238	117.02

**PVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**BSP Threaded Viton®**

3635-005	<b>1/2</b>	1	18	238	42.02
3635-007	<b>3/4</b>	1	18	238	49.70
3635-010	<b>1</b>	1	18	238	59.28
3635-015	<b>1-1/2</b>	1	8	238	98.44
3635-012	<b>1-1/4</b>	1	12	238	93.96
3635-020	<b>2</b>	1	8	238	128.84

**PVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC EPDM**

3628-005	<b>16 DN</b>	1	18	238	37.78
3628-007	<b>20 DN</b>	1	18	238	44.68
3628-010	<b>25 DN</b>	1	18	238	53.22
3628-012	<b>30 DN</b>	1	12	238	73.61
3628-015	<b>40 DN</b>	1	8	238	88.68
3628-020	<b>50 DN</b>	1	8	238	117.02

**PVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC Viton®**

3638-005	<b>16 DN</b>	1	18	238	42.02
3638-007	<b>20 DN</b>	1	18	238	49.70
3638-010	<b>25 DN</b>	1	18	238	59.28
3638-012	<b>30 DN</b>	1	12	238	93.96
3638-015	<b>40 DN</b>	1	8	238	98.44
3638-020	<b>50 DN</b>	1	8	238	128.84

**CPVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC EPDM**

3624-005C	<b>20 d</b>	1	18	239	49.86
3624-007C	<b>25 d</b>	1	18	239	62.82
3624-010C	<b>32 d</b>	1	18	239	74.79
3624-012C	<b>40 d</b>	1	12	239	118.90
3624-015C	<b>50 d</b>	1	8	239	125.55
3624-020C	<b>63 d</b>	1	8	239	167.94

**CPVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC Viton®**

3634-005C	<b>20 d</b>	1	18	239	55.44
3634-007C	<b>25 d</b>	1	18	239	69.82
3634-010C	<b>32 d</b>	1	18	239	83.10
3634-012C	<b>40 d</b>	1	12	239	132.15
3634-015C	<b>50 d</b>	1	8	239	139.51
3634-020C	<b>63 d</b>	1	8	239	193.05



**PVC & CPVC True Union 2000 Standard Ball Valves**

**CPVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
3625-005C	1/2	1	18	239	49.86
3625-007C	3/4	1	18	239	62.82
3625-010C	1	1	18	239	74.49
3625-012C	1-1/4	1	12	239	118.90
3625-015C	1-1/2	1	8	239	125.55
3625-020C	2	1	8	239	167.94

**CPVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
3628-005C	16 DN	1	18	239	49.86
3628-007C	20 DN	1	18	239	62.82
3638-010C	25 DN	1	18	239	83.10
3628-012C	30 DN	1	12	239	118.90
3628-015C	40 DN	1	8	239	125.55
3628-020C	50 DN	1	8	239	167.94

**CPVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
3635-005C	1/2	1	18	239	55.44
3635-007C	3/4	1	18	239	69.82
3635-010C	1	1	18	239	83.10
3635-012C	1-1/4	1	12	239	132.15
3635-015C	1-1/2	1	8	239	139.51
3635-020C	2	1	8	239	193.05

**CPVC True Union 2000 Standard Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
3638-005C	16 DN	1	18	239	55.44
3638-007C	20 DN	1	18	239	69.82
3638-010C	25 DN	1	18	239	83.10
3638-012C	30 DN	1	12	239	132.15
3638-015C	40 DN	1	8	239	139.51
3638-020C	50 DN	1	8	239	193.05

**PVC & CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**



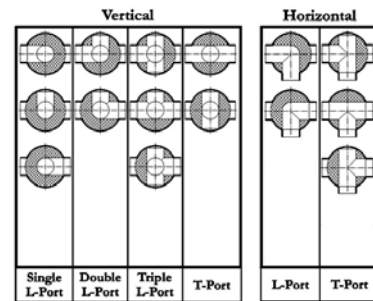
Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" PN 16

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Pressure Deratings Apply

Vertical 3-Way or Horizontal Diverter No Branch Shut-off)

All Standard Carton Quantities are one  
 All Valves assembled with Silicone-Free, Water Soluble Lubricant  
 Contact Spears® for Pricing on Additional Specialty Valves Available



Ball port options viewed from top of valve

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port EPDM</b>					
5024L1-005	20 d	1	12	238	97.41
5024L1-007	25 d	1	8	238	116.18
5024L1-010	32 d	1	8	238	140.86
5024L1-012	40 d	1	8	238	163.27
5024L1-015	50 d	1	8	238	190.90
5024L1-020	63 d	1	0	238	234.18

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port EPDM</b>					
5025L1-005	1/2	1	12	238	97.41
5025L1-007	3/4	1	8	238	116.18
5025L1-010	1	1	8	238	140.86
5025L1-012	1-1/4	1	8	238	163.27
5025L1-015	1-1/2	1	8	238	190.90
5025L1-020	2	1	0	238	234.18

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port Viton®</b>					
5034L1-005	20 d	1	12	238	105.66
5034L1-007	25 d	1	8	238	125.05
5034L1-010	32 d	1	8	238	155.18
5034L1-012	40 d	1	8	238	183.65
5034L1-015	50 d	1	8	238	209.00
5034L1-020	63 d	1	0	238	273.02

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port Viton®</b>					
5035L1-005	1/2	1	12	238	105.66
5035L1-007	3/4	1	8	238	125.05
5035L1-010	1	1	8	238	155.18
5035L1-012	1-1/4	1	8	238	183.65
5035L1-015	1-1/2	1	8	238	209.00
5035L1-020	2	1	0	238	273.02



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port EPDM</b>					
5028L1-005	<b>16 DN</b>	1	12	238	97.41
5028L1-007	<b>20 DN</b>	1	8	238	116.18
5028L1-010	<b>25 DN</b>	1	8	238	140.86
5028L1-012	<b>30 DN</b>	1	8	238	163.27
5028L1-015	<b>40 DN</b>	1	8	238	190.90
5028L1-020	<b>50 DN</b>	1	0	238	234.18

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port Viton®</b>					
5038L1-005	<b>16 DN</b>	1	12	238	105.66
5038L1-007	<b>20 DN</b>	1	8	238	125.05
5038L1-010	<b>25 DN</b>	1	8	238	155.18
5038L1-012	<b>32 DN</b>	1	8	238	183.65
5038L1-015	<b>40 DN</b>	1	8	238	209.00
5038L1-020	<b>50 DN</b>	1	0	238	273.02

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with T1 Port EPDM</b>					
5024T1-005	<b>20 d</b>	1	12	238	97.41
5024T1-007	<b>25 d</b>	1	8	238	116.18
5024T1-010	<b>32 d</b>	1	8	238	140.86
5024T1-012	<b>40 d</b>	1	8	238	163.27
5024T1-015	<b>50 d</b>	1	8	238	190.90
5024T1-020	<b>63 d</b>	1	0	238	234.18

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with T1 Port Viton®</b>					
5034T1-005	<b>20 d</b>	1	12	238	105.66
5034T1-007	<b>25 d</b>	1	8	238	125.05
5034T1-010	<b>32 d</b>	1	8	238	155.18
5034T1-012	<b>40 d</b>	1	8	238	183.65
5034T1-015	<b>50 d</b>	1	8	238	209.00
5034T1-020	<b>63 d</b>	1	0	238	273.02

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port EPDM</b>					
5025T1-005	<b>1/2</b>	1	12	238	97.41
5025T1-007	<b>3/4</b>	1	8	238	116.18
5025T1-010	<b>1</b>	1	8	238	140.86
5025T1-012	<b>1-1/4</b>	1	8	238	163.27
5025T1-015	<b>1-1/2</b>	1	8	238	190.90
5025T1-020	<b>2</b>	1	0	238	234.18

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port Viton®</b>					
5035T1-005	<b>1/2</b>	1	12	238	105.66
5035T1-007	<b>3/4</b>	1	8	238	125.05
5035T1-010	<b>1</b>	1	8	238	155.18
5035T1-012	<b>1-1/4</b>	1	8	238	183.65
5035T1-015	<b>1-1/2</b>	1	8	238	209.00
5035T1-020	<b>2</b>	1	0	238	273.02

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port EPDM</b>					
5028T1-005	<b>16 DN</b>	1	12	238	97.41
5028T1-007	<b>20 DN</b>	1	8	238	116.18
5028T1-010	<b>25 DN</b>	1	8	238	140.86
5028T1-012	<b>30 DN</b>	1	8	238	163.27
5028T1-015	<b>40 DN</b>	1	8	238	190.90
5028T1-020	<b>50 DN</b>	1	0	238	234.18

**PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port Viton®</b>					
5038T1-005	<b>16 DN</b>	1	12	238	105.66
5038T1-007	<b>20 DN</b>	1	8	238	125.05
5038T1-010	<b>25 DN</b>	1	8	238	155.18
5038T1-012	<b>32 DN</b>	1	8	238	183.65
5038T1-015	<b>40 DN</b>	1	8	238	209.00
5038T1-020	<b>50 DN</b>	1	0	238	273.02

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port EPDM</b>					
5024L1-005C	<b>20 d</b>	1	12	239	149.93
5024L1-007C	<b>25 d</b>	1	8	239	178.71
5024L1-010C	<b>32 d</b>	1	8	239	216.71
5024L1-012C	<b>40 d</b>	1	8	239	251.13
5024L1-015C	<b>50 d</b>	1	8	239	293.76
5024L1-020C	<b>63 d</b>	1	0	239	360.38

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port Viton®</b>					
5034L1-005C	<b>20 d</b>	1	12	239	162.43
5034L1-007C	<b>25 d</b>	1	8	239	192.37
5034L1-010C	<b>32 d</b>	1	8	239	238.78
5034L1-012C	<b>40 d</b>	1	8	239	281.56
5034L1-015C	<b>50 d</b>	1	8	239	321.52
5034L1-020C	<b>63 d</b>	1	0	239	420.01

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port EPDM</b>					
5025L1-005C	<b>1/2</b>	1	12	239	149.93
5025L1-007C	<b>3/4</b>	1	8	239	178.71
5025L1-010C	<b>1</b>	1	8	239	216.71
5025L1-012C	<b>1-1/4</b>	1	8	239	251.13
5025L1-015C	<b>1-1/2</b>	1	8	239	293.76
5025L1-020C	<b>2</b>	1	0	239	360.38

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port Viton®</b>					
5035L1-005C	<b>1/2</b>	1	12	239	162.43
5035L1-007C	<b>3/4</b>	1	8	239	192.37
5035L1-010C	<b>1</b>	1	8	239	238.78
5035L1-012C	<b>1-1/4</b>	1	8	239	290.76
5035L1-015C	<b>1-1/2</b>	1	8	239	321.52
5035L1-020C	<b>2</b>	1	0	239	420.01

**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**



**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port EPDM</b>					
5028L1-005C	<b>16 DN</b>	1	12	239	149.93
5028L1-007C	<b>20 DN</b>	1	8	239	178.71
5028L1-010C	<b>25 DN</b>	1	8	239	216.71
5028L1-012C	<b>30 DN</b>	1	8	239	251.13
5028L1-015C	<b>40 DN</b>	1	8	239	293.76
5028L1-020C	<b>50 DN</b>	1	0	239	360.38

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port Viton®</b>					
5038L1-005C	<b>16 DN</b>	1	12	239	162.43
5038L1-007C	<b>20 DN</b>	1	8	239	192.37
5038L1-010C	<b>25 DN</b>	1	8	239	238.78
5038L1-012C	<b>32 DN</b>	1	8	239	281.56
5038L1-015C	<b>40 DN</b>	1	8	239	321.52
5038L1-020C	<b>50 DN</b>	1	0	239	420.01

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with T1 Port EPDM</b>					
5024T1-005C	<b>20 d</b>	1	12	239	149.93
5024T1-007C	<b>25 d</b>	1	8	239	178.71
5024T1-010C	<b>32 d</b>	1	8	239	216.71
5024T1-012C	<b>40 d</b>	1	8	239	251.13
5024T1-015C	<b>50 d</b>	1	8	239	293.76
5024T1-020C	<b>63 d</b>	1	0	239	360.38

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with T1 Port Viton®</b>					
5034T1-005C	<b>20 d</b>	1	12	239	162.43
5034T1-007C	<b>25 d</b>	1	8	239	192.37
5034T1-010C	<b>32 d</b>	1	8	239	238.78
5034T1-012C	<b>40 d</b>	1	8	239	281.56
5034T1-015C	<b>50 d</b>	1	8	239	321.52
5034T1-020C	<b>63 d</b>	1	0	239	420.01

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port EPDM</b>					
5025T1-005C	<b>1/2</b>	1	12	239	149.93
5025T1-007C	<b>3/4</b>	1	8	239	178.71
5025T1-010C	<b>1</b>	1	8	239	216.71
5025T1-012C	<b>1-1/4</b>	1	8	239	251.13
5025T1-015C	<b>1-1/2</b>	1	8	239	293.76
5025T1-020C	<b>2</b>	1	0	239	360.38

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port Viton®</b>					
5035T1-005C	<b>1/2</b>	1	12	239	162.43
5035T1-007C	<b>3/4</b>	1	8	239	192.37
5035T1-010C	<b>1</b>	1	8	239	238.78
5035T1-012C	<b>1-1/4</b>	1	8	239	281.56
5035T1-015C	<b>1-1/2</b>	1	8	239	321.52
5035T1-020C	<b>2</b>	1	0	239	420.01

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port EPDM</b>					
5028T1-005C	<b>16 DN</b>	1	720	239	149.93
5028T1-007C	<b>20 DN</b>	1	8	239	178.71
5028T1-010C	<b>25 DN</b>	1	8	239	216.71
5028T1-012C	<b>30 DN</b>	1	8	239	251.13
5028T1-015C	<b>40 DN</b>	1	8	239	293.76
5028T1-020C	<b>50 DN</b>	1	0	239	360.38

**CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port Viton®</b>					
5038T1-005C	<b>16 DN</b>	1	12	239	162.43
5038T1-007C	<b>20 DN</b>	1	8	239	192.37
5038T1-010C	<b>25 DN</b>	1	8	239	238.78
5038T1-012C	<b>32 DN</b>	1	8	239	281.56
5038T1-015C	<b>40 DN</b>	1	8	239	321.52
5038T1-020C	<b>50 DN</b>	1	0	239	420.01





## Metric Fittings & Valves PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves



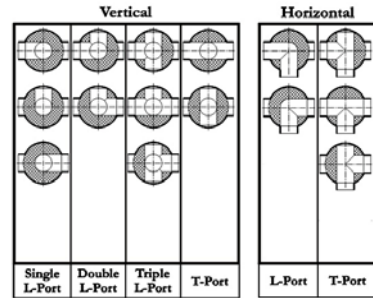
Pressure Rating @ 73°F (23°C), Water  
1/2" - 2" PN 16

Maximum Service Temperature  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

Pressure Deratings Apply

Vertical 3-Way or Horizontal Diverter (No Branch Shut-off)

All Standard Carton Quantities are one  
All Valves assembled with Silicone-Free, Water Soluble Lubricant  
Contact Spears® for Pricing on Additional Specialty Valves Available



Ball port options viewed from top of valve

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port EPDM</b>					
4724L1-005	20 d	1	12	238	96.93
4724L1-007	25 d	1	8	238	113.70
4724L1-010	32 d	1	8	238	138.22
4724L1-012	40 d	1	8	238	167.19
4724L1-015	50 d	1	8	238	193.34
4724L1-020	63 d	1	4	238	237.13

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 port Viton®</b>					
4734L1-005	20 d	1	12	238	104.98
4734L1-007	25 d	1	8	238	123.91
4734L1-010	32 d	1	8	238	153.88
4734L1-012	40 d	1	8	238	196.99
4734L1-015	50 d	1	8	238	211.95
4734L1-020	63 d	1	4	238	275.32

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port EPDM</b>					
4725L1-005	1/2	1	12	238	96.93
4725L1-007	3/4	1	8	238	113.70
4725L1-010	1	1	8	238	138.22
4725L1-012	1-1/4	1	8	238	167.19
4725L1-015	1-1/2	1	8	238	193.34
4725L1-020	2	1	4	238	237.13

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port Viton®</b>					
4735L1-005	1/2	1	12	238	104.98
4735L1-007	3/4	1	8	238	123.91
4735L1-010	1	1	8	238	153.88
4735L1-012	1-1/4	1	8	238	196.99
4735L1-015	1-1/2	1	8	238	211.95
4735L1-020	2	1	4	238	275.32

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 port EPDM</b>					
4728L1-005	16 DN	1	12	238	96.93
4728L1-007	20 DN	1	8	238	113.70

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 port EPDM</b>					
4728L1-010	25 DN	1	8	238	138.22
4728L1-012	32 DN	1	8	238	167.19
4728L1-015	40 DN	1	8	238	193.34
4728L1-020	50 DN	1	4	238	237.13

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port Viton®</b>					
4738L1-005	16 DN	1	12	238	104.98
4738L1-007	20 DN	1	8	238	123.91
4738L1-010	25 DN	1	8	238	153.88
4738L1-012	30 DN	1	8	238	196.99
4738L1-015	40 DN	1	8	238	211.95
4738L1-020	50 DN	1	4	238	275.32

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L2 Port EPDM</b>					
4724L2-005	20 d	1	12	238	193.04
4724L2-007	25 d	1	8	238	209.82
4724L2-010	32 d	1	8	238	234.36
4724L2-012	40 d	1	8	238	263.31
4724L2-015	50 d	1	8	238	289.47
4724L2-020	63 d	1	4	238	333.22

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L2 Port Viton®</b>					
4734L2-005	20 d	1	12	238	201.10
4734L2-007	25 d	1	8	238	220.02
4734L2-010	32 d	1	8	238	249.96
4734L2-012	40 d	1	8	238	293.10
4734L2-015	50 d	1	8	238	308.05
4734L2-020	63 d	1	4	238	371.43

### PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L2 Port EPDM</b>					
4725L2-005	1/2	1	12	238	193.04
4725L2-007	3/4	1	8	238	209.82
4725L2-010	1	1	8	238	234.36
4725L2-012	1-1/4	1	8	238	263.31



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**



**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**BSP Threaded with L2 Port EPDM**

4725L2-015	1-1/2	1	8	238	289.47
4725L2-020	2	1	4	238	333.22

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**BSP Threaded with L2 Port Viton®**

4735L2-005	1/2	1	720	238	201.10
4735L2-007	3/4	1	8	238	220.02
4735L2-010	1	1	8	238	249.96
4735L2-012	1-1/4	1	8	238	293.10
4735L2-015	1-1/2	1	8	238	308.05
4735L2-020	2	1	4	238	371.43

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC with L2 Port EPDM**

4728L2-005	16 DN	1	12	238	193.04
4728L2-007	20 DN	1	8	238	209.82
4728L2-010	25 DN	1	8	238	234.36
4728L2-012	30 DN	1	8	238	263.31
4728L2-015	40 DN	1	8	238	289.47
4728L2-020	50 DN	1	4	238	333.22

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC with L2 Port Viton®**

4738L2-005	16 DN	1	12	238	201.10
4738L2-007	20 DN	1	8	238	220.02
4738L2-010	25 DN	1	8	238	249.96
4738L2-012	30 DN	1	8	238	293.10
4738L2-015	40 DN	1	8	238	308.05
4738L2-020	50 DN	1	4	238	371.43

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC with L3 Port EPDM**

4724L3-005	20 d	1	12	238	193.04
4724L3-007	25 d	1	8	238	209.82
4724L3-010	32 d	1	8	238	234.36
4724L3-012	40 d	1	8	238	263.31
4724L3-015	50 d	1	8	238	289.47
4724L3-020	63 d	1	4	238	333.22

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC with L3 Port Viton®**

4734L3-005	20 d	1	12	238	201.10
4734L3-007	25 d	1	8	238	220.02
4734L3-010	32 d	1	8	238	249.96
4734L3-012	40 d	1	8	238	293.10
4734L3-015	50 d	1	8	238	308.05
4734L3-020	63 d	1	4	238	371.43

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**BSP Threaded with L3 Port EPDM**

4725L3-005	1/2	1	12	238	193.04
4725L3-007	3/4	1	8	238	209.82
4725L3-010	1	1	8	238	234.36
4725L3-012	1-1/4	1	8	238	263.31
4725L3-015	1-1/2	1	8	238	289.47
4725L3-020	2	1	4	238	333.22

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**BSP Threaded with L3 Port Viton®**

4735L3-005	1/2	1	12	238	201.10
4735L3-007	3/4	1	8	238	220.02
4735L3-010	1	1	8	238	249.96
4735L3-012	1-1/4	1	8	238	293.10
4735L3-015	1-1/2	1	8	238	308.05
4735L3-020	2	1	4	238	371.43

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC with L3 Port EPDM**

4728L3-005	16 DN	1	12	238	193.04
4728L3-007	20 DN	1	8	238	209.82
4728L3-010	25 DN	1	8	238	234.36
4728L3-012	30 DN	1	8	238	263.31
4728L3-015	40 DN	1	8	238	289.47
4728L3-020	50 DN	1	4	238	333.22

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**JIS SOC with L3 Port Viton®**

4738L3-005	16 DN	1	12	238	201.10
4738L3-007	20 DN	1	8	238	220.02
4738L3-010	25 DN	1	8	238	249.96
4738L3-012	30 DN	1	8	238	293.10
4738L3-015	40 DN	1	8	238	308.05
4738L3-020	50 DN	1	4	238	371.43

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC with T1 Port EPDM**

4724T1-005	20 d	1	12	238	96.93
4724T1-007	25 d	1	8	238	113.70
4724T1-010	32 d	1	8	238	138.22
4724T1-012	40 d	1	8	238	167.19
4724T1-015	50 d	1	8	238	193.34
4724T1-020	63 d	1	4	238	237.13

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**DIN SOC with T1 Port Viton®**

4734T1-005	20 d	1	12	238	104.98
4734T1-007	25 d	1	8	238	123.91
4734T1-010	32 d	1	8	238	153.88
4734T1-012	40 d	1	8	238	196.99
4734T1-015	50 d	1	8	238	212.64
4734T1-020	63 d	1	4	238	275.32



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port EPDM</b>					
4725T1-005	1/2	1	12	238	96.93
4725T1-007	3/4	1	8	238	113.70
4725T1-010	1	1	8	238	138.22
4725T1-012	1-1/4	1	8	238	167.19
4725T1-015	1-1/2	1	8	238	193.34
4725T1-020	2	1	4	238	237.13

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port Viton®</b>					
4735T1-005	1/2	1	12	238	104.98
4735T1-007	3/4	1	8	238	123.91
4735T1-010	1	1	8	238	153.88
4735T1-012	1-1/4	1	8	238	196.99
4735T1-015	1-1/2	1	8	238	211.95
4735T1-020	2	1	4	238	275.32

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port EPDM</b>					
4728T1-005	16 DN	1	12	238	96.93
4728T1-007	20 DN	1	8	238	113.70
4728T1-010	25 DN	1	8	238	138.22
4728T1-012	30 DN	1	8	238	167.19
4728T1-015	40 DN	1	8	238	193.34
4728T1-020	50 DN	1	4	238	237.13

**PVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port Viton®</b>					
4738T1-005	16 DN	1	12	238	104.98
4738T1-007	20 DN	1	8	238	123.91
4738T1-010	25 DN	1	8	238	153.88
4738T1-012	30 DN	1	8	238	196.99
4738T1-015	40 DN	1	8	238	211.95
4738T1-020	50 DN	1	4	238	275.32

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port EPDM</b>					
4724L1-005C	20 d	1	12	239	149.09
4724L1-007C	25 d	1	8	239	174.94
4724L1-010C	32 d	1	8	239	212.62
4724L1-012C	40 d	1	8	239	257.21
4724L1-015C	50 d	1	8	239	297.35
4724L1-020C	63 d	1	4	239	364.84

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L1 Port Viton®</b>					
4734L1-005C	20 d	1	12	239	161.43
4734L1-007C	25 d	1	8	239	190.57
4734L1-010C	32 d	1	8	239	236.81
4734L1-012C	40 d	1	8	239	303.12
4734L1-015C	50 d	1	8	239	325.99
4734L1-020C	63 d	1	4	239	423.57

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port EPDM</b>					
4725L1-005C	1/2	1	12	239	149.09
4725L1-007C	3/4	1	8	239	174.94
4724L1-010C	32 d	1	8	239	212.62
4725L1-012C	1-1/4	1	8	239	257.21
4725L1-015C	1-1/2	1	8	239	297.35
4725L1-020C	2	1	4	239	364.84

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L1 Port Viton®</b>					
4735L1-005C	1/2	1	12	239	161.43
4735L1-007C	3/4	1	8	239	190.57
4735L1-010C	1	1	8	239	236.81
4735L1-012C	1-1/4	1	8	239	303.12
4735L1-015C	1-1/2	1	8	239	325.99
4735L1-020C	2	1	4	239	423.57

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port EPDM</b>					
4728L1-005C	16 DN	1	12	239	149.09
4728L1-007C	20 DN	1	8	239	174.94
4728L1-010C	25 DN	1	8	239	212.62
4728L1-012C	32 DN	1	8	239	257.21
4728L1-015C	40 DN	1	8	239	297.35
4728L1-020C	50 DN	1	4	239	364.84

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port Viton®</b>					
4738L1-005C	16 DN	1	12	239	161.43
4738L1-007C	20 DN	1	8	239	190.57
4738L1-010C	25 DN	1	8	239	236.81
4738L1-012C	30 DN	1	8	239	303.12
4738L1-015C	40 DN	1	8	239	325.99
4738L1-020C	50 DN	1	4	239	423.57

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L2 Port EPDM</b>					
4724L2-005C	20 d	1	12	239	297.04
4724L2-007C	25 d	1	8	239	322.87
4724L2-010C	32 d	1	8	239	360.54
4724L2-012C	40 d	1	8	239	404.98
4724L2-015C	50 d	1	8	239	445.32
4724L2-020C	63 d	1	4	239	512.63

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L2 Port Viton®</b>					
4734L2-005C	20 d	1	12	239	309.38
4734L2-007C	25 d	1	8	239	338.50
4734L2-010C	32 d	1	8	239	384.57
4734L2-012C	40 d	1	8	239	450.91
4734L2-015C	50 d	1	8	239	473.95
4734L2-020C	63 d	1	4	239	571.37

**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**



**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L2 Port EPDM</b>					
4725L2-005C	1/2	1	12	239	297.04
4725L2-007C	3/4	1	8	239	322.87
4725L2-010C	1	1	8	239	360.54
4725L2-012C	1-1/4	1	8	239	404.98
4725L2-015C	1-1/2	1	8	239	445.32
4725L2-020C	2	1	4	239	512.63

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L2 Port Viton®</b>					
4735L2-005C	1/2	1	12	239	309.38
4735L2-007C	3/4	1	8	239	338.50
4735L2-010C	1	1	8	239	384.57
4735L2-012C	1-1/4	1	8	239	450.89
4735L2-015C	1-1/2	1	8	239	473.95
4735L2-020C	2	1	4	239	571.37

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L2 Port EPDM</b>					
4728L2-005C	16 DN	1	12	239	297.04
4728L2-007C	20 DN	1	8	239	322.87
4728L2-010C	25 DN	1	8	239	360.54
4728L2-012C	30 DN	1	8	239	404.98
4728L2-015C	40 DN	1	8	239	445.32
4728L2-020C	50 DN	1	4	239	512.63

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L2 Port Viton®</b>					
4738L2-005C	16 DN	1	12	239	309.38
4738L2-007C	20 DN	1	8	239	338.50
4738L2-010C	25 DN	1	8	239	384.57
4738L2-012C	30 DN	1	8	239	450.89
4738L2-015C	40 DN	1	8	239	473.95
4738L2-020C	50 DN	1	4	239	571.37

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L3 Port EPDM</b>					
4724L3-005C	20 d	1	12	239	297.04
4724L3-007C	25 d	1	8	239	322.87
4724L3-010C	32 d	1	8	239	360.54
4724L3-012C	40 d	1	8	239	404.98
4724L3-015C	50 d	1	8	239	445.32
4724L3-020C	63 d	1	4	239	512.63

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with L3 Port Viton®</b>					
4734L3-005C	20 d	1	12	239	309.38
4734L3-007C	25 d	1	8	239	338.50
4734L3-010C	32 d	1	8	239	384.57
4734L3-012C	40 d	1	8	239	450.89
4734L3-015C	50 d	1	8	239	473.95
4734L3-020C	63 d	1	4	239	571.37

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L3 Port EPDM</b>					
4725L3-005C	1/2	1	12	239	297.04
4725L3-007C	3/4	1	8	239	322.87
4725L3-010C	1	1	8	239	360.54
4725L3-012C	1-1/4	1	8	239	404.98
4725L3-015C	1-1/2	1	8	239	445.32
4725L3-020C	2	1	4	239	512.63

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with L3 Port Viton®</b>					
4735L3-005C	1/2	1	12	239	309.38
4735L3-007C	3/4	1	8	239	338.50
4735L3-010C	1	1	8	239	384.57
4735L3-012C	1-1/4	1	8	239	450.89
4735L3-015C	1-1/2	1	8	239	473.95
4735L3-020C	2	1	4	239	571.37

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L1 Port EPDM</b>					
4728L3-005C	16 DN	1	12	239	296.97
4728L3-007C	20 DN	1	8	239	322.87
4728L3-010C	25 DN	1	8	239	360.54
4728L3-012C	30 DN	1	8	239	404.98
4728L3-015C	40 DN	1	8	239	445.32
4728L3-020C	50 DN	1	4	239	512.63

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with L3 Port Viton®</b>					
4738L3-005C	16 DN	1	12	239	309.38
4738L3-007C	20 DN	1	8	239	338.50
4738L3-010C	25 DN	1	8	239	384.57
4738L3-012C	30 DN	1	8	239	450.89
4738L3-015C	40 DN	1	8	239	473.95
4738L3-020C	50 DN	1	4	239	571.37

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with T1 Port EPDM</b>					
4724T1-005C	20 d	1	12	239	149.09
4724T1-007C	25 d	1	8	239	174.94
4724T1-010C	32 d	1	8	239	208.23
4724T1-012C	40 d	1	8	239	257.21
4724T1-015C	50 d	1	8	239	297.35
4724T1-020C	63 d	1	4	239	364.84

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC with T1 Port Viton®</b>					
4734T1-005C	20 d	1	12	239	161.43
4734T1-007C	25 d	1	8	239	205.87
4734T1-010C	32 d	1	8	239	236.81
4734T1-012C	40 d	1	8	239	303.12
4734T1-015C	50 d	1	8	239	325.99
4734T1-020C	63 d	1	4	239	423.57



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port EPDM</b>					
4725T1-005C	1/2	1	12	239	149.09
4725T1-007C	3/4	1	8	239	174.94
4725T1-010C	1	1	8	239	212.62
4725T1-012C	1-1/4	1	8	239	257.21
4725T1-015C	1-1/2	1	8	239	297.35
4725T1-020C	2	1	4	239	364.84

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded with T1 Port Viton®</b>					
4735T1-005C	1/2	1	12	239	161.43
4735T1-007C	3/4	1	8	239	190.57
4735T1-010C	1	1	8	239	236.81
4735T1-012C	1-1/4	1	8	239	298.76
4735T1-015C	1-1/2	1	8	239	325.99
4735T1-020C	2	1	4	239	423.57

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port EPDM</b>					
4728T1-005C	16 DN	1	12	239	149.09
4728T1-007C	20 DN	1	8	239	174.94
4728T1-010C	25 DN	1	8	239	212.62
4728T1-012C	30 DN	1	8	239	257.21
4728T1-015C	40 DN	1	8	239	297.35
4728T1-020C	50 DN	1	4	239	364.84

**CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC with T1 Port Viton®</b>					
4738T1-005C	16 DN	1	12	239	161.43
4738T1-007C	20 DN	1	8	239	190.57
4738T1-010C	25 DN	1	8	239	236.81
4738T1-012C	30 DN	1	8	239	303.12
4738T1-015C	40 DN	1	8	239	325.99
4738T1-020C	50 DN	1	4	239	423.57

**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial Ball Check Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" PN 16

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Pressure Deratings Apply

Rated for Vacuum Service

All Valves assembled with Silicone-Free, Water Soluble Lubricant

Contact Spears® for Pricing on Additional Specialty Valves Available

**PVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
4524-005	20 d	1	18	228	53.54
4524-007	25 d	1	18	228	63.84
4524-010	32 d	1	18	228	75.93
4524-012	40 d	1	12	228	110.88
4524-015	50 d	1	8	228	127.35
4524-020	63 d	1	8	228	173.87

**PVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
4534-005	20 d	1	18	228	60.34
4534-007	25 d	1	18	228	67.38
4534-010	32 d	1	18	228	84.64
4534-012	40 d	1	12	228	124.45
4534-015	50 d	1	8	228	141.34
4534-020	63 d	1	8	228	193.33

**PVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
4525-005	1/2	1	18	228	53.54
4525-007	3/4	1	18	228	63.84
4525-010	1	1	18	228	75.93
4525-012	1-1/4	1	12	228	110.88
4525-015	1-1/2	1	8	228	127.35
4525-020	2	1	8	228	173.87

**PVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
4535-005	1/2	1	18	228	60.34
4535-007	3/4	1	18	228	63.84
4535-010	1	1	18	228	84.64
4535-012	1-1/4	1	12	228	124.45
4535-015	1-1/2	1	8	228	141.34
4535-020	2	1	8	228	193.33

**PVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
4528-005	16 DN	1	18	228	53.54
4528-007	20 DN	1	18	228	63.84
4528-010	25 DN	1	18	228	75.93
4528-012	30 DN	1	12	228	110.88
4528-015	40 DN	1	8	228	127.35
4528-020	50 DN	1	8	228	173.87

**PVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
4538-005	16 DN	1	18	228	60.34
4538-007	20 DN	1	18	228	67.38
4538-010	25 DN	1	18	228	84.64
4538-012	30 DN	1	12	228	124.45
4538-015	40 DN	1	8	228	141.34
4538-020	50 DN	1	8	228	193.33

**CPVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
4524-005C	20 d	1	18	229	79.14
4524-007C	25 d	1	18	229	94.72
4524-010C	32 d	1	18	229	111.77
4524-012C	40 d	1	12	229	192.50
4524-015C	50 d	1	8	229	192.50
4524-020C	63 d	1	8	229	257.12

**CPVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
4534-005C	20 d	1	18	229	88.10
4534-007C	25 d	1	18	229	105.27
4534-010C	32 d	1	18	229	124.17
4534-012C	40 d	1	12	229	213.69
4534-015C	50 d	1	8	229	213.69
4534-020C	63 d	1	8	229	286.48

**CPVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
4525-005C	1/2	1	18	229	79.14
4525-007C	3/4	1	18	229	94.72
4525-010C	1	1	18	229	111.77
4525-012C	1-1/4	1	12	229	192.50
4525-015C	1-1/2	1	8	229	192.50
4525-020C	2	1	8	229	257.12

**CPVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
4535-005C	1/2	1	18	229	88.10
4535-007C	3/4	1	18	229	105.27
4535-010C	1	1	18	229	124.17
4535-012C	1-1/4	1	12	229	213.69
4535-015C	1-1/2	1	8	229	213.69
4535-020C	2	1	8	229	286.48



**Metric Fittings & Valves**  
**PVC & CPVC True Union 2000 Industrial Ball Check Valves & PVC & CPVC Gate Valves**

**PVC & CPVC True Union 2000 Industrial Ball Check Valves**

**CPVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
4528-005C	<b>16 DN</b>	1	18	229	79.14
4528-007C	<b>20 DN</b>	1	18	229	94.72
4528-010C	<b>25 DN</b>	1	18	229	111.77
4528-012C	<b>30 DN</b>	1	12	229	192.50
4528-015C	<b>40 DN</b>	1	8	229	192.50
4528-020C	<b>50 DN</b>	1	8	229	257.12

**CPVC True Union 2000 Ball Check Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
4538-005C	<b>16 DN</b>	1	18	229	88.10
4538-007C	<b>20 DN</b>	1	18	229	105.27
4538-010C	<b>25 DN</b>	1	18	229	124.17
4538-012C	<b>30 DN</b>	1	12	229	213.69
4538-015C	<b>40 DN</b>	1	8	229	213.69
4538-020C	<b>50 DN</b>	1	8	229	286.48

**PVC & CPVC Gate Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" PN 16

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Pressure Deratings Apply

All Valves assembled with Silicone-Free, Water Soluble Lubricant

**PVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Buna-N</b>					
2014-005	<b>20 d</b>	12	0	208	22.98
2014-007	<b>25 d</b>	12	0	208	28.10
2014-010	<b>32 d</b>	12	0	208	33.31
2014-012	<b>40 d</b>	6	0	208	46.06
2014-015	<b>50 d</b>	6	0	208	58.77
2014-020	<b>63 d</b>	6	0	208	75.48

**PVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2024-005	<b>20 d</b>	12	0	208	25.22
2024-007	<b>25 d</b>	12	0	208	30.93
2024-010	<b>32 d</b>	12	0	208	36.68
2024-012	<b>40 d</b>	6	0	208	50.68
2024-015	<b>50 d</b>	6	0	208	65.29
2024-020	<b>63 d</b>	6	0	208	83.10

**PVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
2034-005	<b>20 d</b>	12	0	208	27.78
2034-007	<b>25 d</b>	12	0	208	32.56
2034-010	<b>32 d</b>	12	0	208	40.38
2034-012	<b>40 d</b>	6	0	208	55.72
2034-015	<b>50 d</b>	6	0	208	71.10
2034-020	<b>63 d</b>	6	0	208	91.35

**PVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Buna-N</b>					
2015-005	<b>1/2</b>	12	0	208	22.98
2015-007	<b>3/4</b>	12	0	208	28.10
2015-010	<b>1</b>	12	0	208	33.31
2015-012	<b>1-1/4</b>	6	0	208	46.06

**PVC Gate Valves (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Buna-N</b>					
2015-015	<b>1-1/2</b>	6	0	208	58.77
2015-020	<b>2</b>	6	0	208	75.48

**PVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2025-005	<b>1/2</b>	12	0	208	25.22
2025-007	<b>3/4</b>	12	0	208	30.93
2025-010	<b>1</b>	12	0	208	36.68
2025-012	<b>1-1/4</b>	6	0	208	50.68
2025-015	<b>1-1/2</b>	6	0	208	65.29
2025-020	<b>2</b>	6	0	208	83.10

**PVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
2035-005	<b>1/2</b>	12	0	208	27.78
2035-007	<b>3/4</b>	12	0	208	32.56
2035-010	<b>1</b>	12	0	208	40.38
2035-012	<b>1-1/4</b>	6	0	208	55.72
2035-015	<b>1-1/2</b>	6	0	208	71.10
2035-020	<b>2</b>	6	0	208	91.35

**CPVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2024-005C	<b>20 d</b>	12	0	209	74.70
2024-007C	<b>25 d</b>	12	0	209	80.79
2024-010C	<b>32 d</b>	12	0	209	88.59
2024-012C	<b>40 d</b>	6	0	209	155.60
2024-015C	<b>50 d</b>	6	0	209	170.53
2024-020C	<b>63 d</b>	6	0	209	196.71



**Metric Fittings & Valves**  
**PVC & CPVC Gate Valves & PVC & CPVC Diaphragm Valves**



**PVC & CPVC Gate Valves**

**CPVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
2034-005C	20 d	12	0	209	82.21
2034-007C	25 d	12	0	209	88.88
2034-010C	32 d	12	0	209	97.41
2034-012C	40 d	6	0	209	171.16
2034-015C	50 d	6	0	209	187.60
2034-020C	63 d	6	0	209	216.38

**CPVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2025-005C	1/2	12	0	209	74.70
2025-007C	3/4	12	0	209	80.79
2025-010C	1	12	0	209	88.59
2025-012C	1-1/4	6	0	209	155.60

**CPVC Gate Valves (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2025-015C	1-1/2	6	0	209	170.53
2025-020C	2	6	0	209	196.71

**CPVC Gate Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
2035-005C	1/2	12	0	209	82.21
2035-007C	3/4	12	0	209	88.88
2035-010C	1	12	0	209	97.41
2035-012C	1-1/4	6	0	209	171.16
2035-015C	1-1/2	6	0	209	187.60
2035-020C	2	6	0	209	216.38

**PVC & CPVC Diaphragm Valves**



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 2" PN 16

Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)

Pressure Deratings Apply

No Lubricants in Media Contact Area

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2724-005	20 d	1	12	274	131.26
2724-007	25 d	1	8	274	148.98
2724-010	32 d	1	8	274	183.61
2724-012	40 d	1	4	274	274.85
2724-015	50 d	1	4	274	288.90
2724-020	63 d	1	0	274	341.79

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
2734-005	20 d	1	12	274	145.84
2734-007	25 d	1	8	274	165.55
2734-010	32 d	1	8	274	201.76
2734-012	40 d	1	4	274	326.80
2734-015	50 d	1	4	274	334.33
2734-020	63 d	1	0	274	405.04

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2725-005	1/2	1	12	274	131.26
2725-007	3/4	1	8	274	148.98
2725-010	1	1	8	274	171.37
2725-012	1-1/4	1	4	274	274.85
2725-015	1-1/2	1	4	274	288.90
2725-020	2	1	0	274	341.79

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
2735-005	1/2	1	12	274	145.84
2735-007	3/4	1	8	274	165.55
2735-010	1	1	8	274	201.76
2735-012	1-1/4	1	4	274	326.80
2735-015	1-1/2	1	4	274	334.33
2735-020	2	1	0	274	405.04

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
2728-005	16 DN	1	12	274	131.26
2728-007	20 DN	1	8	274	148.98
2728-010	25 DN	1	8	274	183.61
2728-012	32 DN	1	4	274	274.85
2728-015	40 DN	1	4	274	288.90
2728-020	50 DN	1	0	274	341.79

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
2738-005	16 DN	1	12	274	145.84
2738-007	20 DN	1	8	274	165.55
2738-010	25 DN	1	8	274	201.76
2738-012	32 DN	1	4	274	326.80
2738-015	40 DN	1	4	274	334.33
2738-020	50 DN	1	0	274	405.04



**Metric Fittings & Valves**  
**PVC & CPVC Diaphragm Valves & PVC Irrigation Manifold Systems**

**PVC & CPVC Diaphragm Valves**

**CPVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC EPDM</b>					
2724-005C	20 d	1	12	276	232.39
2724-007C	25 d	1	8	276	258.64
2724-010C	32 d	1	8	276	298.51
2724-012C	40 d	1	4	276	448.36
2724-015C	50 d	1	4	276	461.63
2724-020C	63 d	1	0	276	491.70

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>DIN SOC Viton®</b>					
2734-005C	20 d	1	12	276	297.83
2734-007C	25 d	1	8	276	317.54
2734-010C	32 d	1	8	276	386.12
2734-012C	40 d	1	4	276	533.47
2734-015C	50 d	1	4	276	539.96
2734-020C	63 d	1	0	276	616.34

**CPVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded EPDM</b>					
2725-005C	1/2	1	12	276	232.39
2725-007C	3/4	1	8	276	258.64
2725-010C	1	1	8	276	298.51
2725-012C	1-1/4	1	4	276	448.36
2725-015C	1-1/2	1	4	276	461.63
2725-020C	2	1	0	276	491.70

**CPVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>BSP Threaded Viton®</b>					
2735-005C	1/2	1	12	276	297.83
2735-007C	3/4	1	8	276	317.54
2735-010C	1	1	8	276	386.12
2735-012C	1-1/4	1	4	276	533.47
2735-015C	1-1/2	1	4	276	539.96
2735-020C	2	1	0	276	616.34

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC EPDM</b>					
2728-005C	16 DN	1	12	276	232.39
2728-007C	20 DN	1	8	276	258.64
2728-010C	25 DN	1	8	276	298.51
2728-012C	32 DN	1	4	276	448.36
2728-015C	40 DN	1	4	276	461.63
2728-020C	50 DN	1	0	276	491.70

**PVC Diaphragm Valves**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>JIS SOC Viton®</b>					
2738-005C	16 DN	1	12	276	297.83
2738-007C	20 DN	1	8	276	317.54
2738-010C	25 DN	1	8	276	386.12
2738-012C	32 DN	1	4	276	533.47
2738-015C	40 DN	1	4	276	540.04
2738-020C	50 DN	1	0	276	616.34

**PVC Irrigation Manifold Systems**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Manifold Tee</b> Swivel x MBSP x Swivel with O-ring Seal					
MA0101-010BT	1	25	0	019	9.41
<b>PVC Manifold Tee</b> Soc (Spig) x MBSP x Swivel with O-ring Seal For Solvent Cement Connection					
MA0109-010BT	1	25	0	019	8.37
<b>Manifold 90° Street Ell</b> MBSP x Swivel with O-ring Seal					
MA0602-010BT	1	25	0	019	8.04
<b>Manifold 90° Ell</b> Swivel x Swivel with O-ring Seal					
MA0603-010	1	20	0	019	8.87
<b>Manifold Cross</b> Swivel x MBSP x Swivel x Swivel with O-ring Seal					
MA2004-010BT	1	25	0	019	12.49
<b>Manifold Coupling</b> Swivel x Swivel with O-ring Seal					
MA2903-010	1	25	200	019	6.66

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>Manifold Coupling</b> Swivel x MBSP with O-ring Seal					
MA2907-010BT	1	25	200	019	4.86
<b>PVC Manifold Coupling</b> Swivel x Soc (Spig) with O-ring Seal For Solvent Cement Connection					
MA2908-010	1 (1-1/4)	25	0	019	4.86
<b>Manifold Insert Coupling</b> Swivel x Barbed Insert with O-ring Seal					
MA3505-010	1	25	200	019	5.16
<b>Manifold Cap</b> with O-ring Seal					
MA4800-010	1	50	600	019	2.03
<b>Manifold Nipple</b> MBSP x MBSP with O-ring Seal					
MA8306-010BT	1	25	200	019	2.18
<b>Manifold Replacement O-ring</b> For All 1" Cap/Swivel Connectors & For 3/4" Nipple End					
MA-214	1 & 3/4	50	500	901	.47

**Metric Fittings & Valves**  
**PVC Irrigation Manifold Systems**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Manifold Replacement O-ring**  
 For 1" Nipple & For 1" Nipped Coupling End



MA-218	1	50	500	901	.50
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## Pipe CPVC Industrial Pipe

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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### CPVC Schedule 40 Plain End 10' Lengths, Price Per Foot

List Price Per Foot

PD-400-001C-10	1/8	10	0	745	3.21
PD-400-002C-10	1/4	10	0	745	4.02
PD-400-003C-10	3/8	10	0	745	5.67
PD-400-005C-10	1/2	10	0	745	1.69
PD-400-007C-10	3/4	10	0	745	2.25
PD-400-010C-10	1	10	0	745	3.29
PD-400-012C-10	1-1/4	10	0	745	4.45
PD-400-015C-10	1-1/2	10	0	745	5.33
PD-400-020C-10	2	10	0	745	7.14
PD-400-025C-10	2-1/2	10	0	745	11.29
PD-400-030C-10	3	10	0	745	14.74
PD-400-040C-10	4	10	0	745	21.00
PD-400-060C-10	6	10	0	745	38.76
PD-400-080C-10	8	10	0	745	63.12
PD-400-100C-10	10	10	0	745	107.94
PD-400-120C-10	12	10	0	745	142.59

### 20' Lengths, Price Per Foot

List Price Per Foot

PD-400-001C	1/8	20	0	745	3.21
PD-400-002C	1/4	20	0	745	4.02
PD-400-003C	3/8	20	0	745	5.67
PD-400-005C	1/2	20	0	745	1.69
PD-400-007C	3/4	20	0	745	2.25
PD-400-010C	1	20	0	745	3.29
PD-400-012C	1-1/4	20	0	745	4.45
PD-400-015C	1-1/2	20	0	745	5.33
PD-400-020C	2	20	0	745	7.14
PD-400-025C	2-1/2	20	0	745	11.29
PD-400-030C	3	20	0	745	14.74
PD-400-040C	4	20	0	745	21.00
PD-400-060C	6	20	0	745	38.76
PD-400-080C	8	20	0	745	63.12
PD-400-100C	10	20	0	745	107.94
PD-400-120C	12	20	0	745	142.59

- Pipe sold in individual lengths or lift quantities. No cut lengths.
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

### CPVC Schedule 80 Plain End 10' Lengths, Price Per Foot

List Price Per Foot

PD-800-001C-10	1/8	10	0	745	3.98
PD-800-002C-10	1/4	10	0	745	4.59
PD-800-003C-10	3/8	10	0	745	6.25
PD-800-005C-10	1/2	10	0	745	1.98
PD-800-007C-10	3/4	10	0	745	2.69
PD-800-010C-10	1	10	0	745	3.96
PD-800-012C-10	1-1/4	10	0	745	5.45
PD-800-015C-10	1-1/2	10	0	745	6.62
PD-800-020C-10	2	10	0	745	9.17
PD-800-025C-10	2-1/2	10	0	745	13.98
PD-800-030C-10	3	10	0	745	18.74
PD-800-040C-10	4	10	0	745	27.40
PD-800-060C-10	6	10	0	745	53.32
PD-800-080C-10	8	10	0	745	88.43
PD-800-100C-10	10	10	0	745	160.37
PD-800-120C-10	12	10	0	745	220.46

### 20' Lengths, Price Per Foot

List Price Per Foot

PD-800-001C	1/8	20	0	745	3.98
PD-800-002C	1/4	20	0	745	4.59
PD-800-003C	3/8	20	0	745	6.25
PD-800-005C	1/2	20	0	745	1.98
PD-800-007C	3/4	20	0	745	2.69
PD-800-010C	1	20	0	745	3.96
PD-800-012C	1-1/4	20	0	745	5.45
PD-800-015C	1-1/2	20	0	745	6.62
PD-800-020C	2	20	0	745	9.17
PD-800-025C	2-1/2	20	0	745	13.98
PD-800-030C	3	20	0	745	18.74
PD-800-040C	4	20	0	745	27.40
PD-800-060C	6	20	0	745	53.32
PD-800-080C	8	20	0	745	88.43
PD-800-100C	10	20	0	745	160.37
PD-800-120C	12	20	0	745	220.46

- Pipe sold in individual lengths or lift quantities. No cut lengths.
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

ASTM D-1784 ASTM F-441		Schedule 40 CPVC Plain End Pipe				
Size	Max Work Pressure	Avg OD	Min Wall	10' Length Skid Quantity FT/Pieces	20' Length Skid Quantity FT/Pieces	Weight Per FT
1/8"	910	0.405	0.068	2850/285	5700/285	.056
1/4"	790	0.540	0.088	2850/285	5700/285	.096
3/8"	620	0.675	0.091	2850/285	5700/285	.128
1/2"	600	0.840	0.109	2430/243	4860/243	.185
3/4"	480	1.050	0.113	1540/154	3080/154	.246
1"	450	1.315	0.133	2520/252	5040/252	.362
1-1/4"	370	1.660	0.140	1230/123	2460/123	.489
1-1/2"	330	1.900	0.145	1720/172	3440/172	.585
2"	280	2.375	0.154	1230/123	2460/123	.783
2-1/2"	300	2.875	0.203	540/54	1080/54	1.237
3"	260	3.500	0.216	460/46	920/46	1.619
4"	220	4.500	0.237	340/34	680/34	2.306
6"	180	6.625	0.280	170/17	340/17	4.603
8"	160	8.625	0.322	90/9	180/9	6.136
10"	140	10.750	0.365	110/11	140/11	8.886
12"	130	12.750	0.406	80/8	100/5	11.751

ASTM D-1784 ASTM F-441		Schedule 80 CPVC Plain End Pipe				
Size	Max Work Pressure	Avg OD	Min Wall	10' Length Skid Quantity FT/Pieces	20' Length Skid Quantity FT/Pieces	Weight Per FT
1/8"	1230	0.405	0.095	2850/285	5700/285	.069
1/4"	1130	0.540	0.119	2850/285	5700/285	.117
3/8"	920	0.675	0.126	2850/285	5700/285	.162
1/2"	850	0.840	0.147	2430/243	4860/243	.231
3/4"	690	1.050	0.154	1540/154	3080/154	.314
1"	630	1.315	0.179	2520/252	5040/252	.462
1-1/4"	520	1.660	0.191	1230/123	2460/123	.636
1-1/2"	470	1.900	0.200	1720/172	3440/172	.773
2"	400	2.375	0.218	1230/123	2460/123	1.071
2-1/2"	420	2.875	0.276	540/54	1080/54	1.631
3"	370	3.500	0.300	460/46	920/46	2.187
4"	320	4.500	0.337	340/34	680/34	3.198
6"	280	6.625	0.432	170/17	340/17	6.106
8"	250	8.625	0.500	90/9	180/9	9.322
10"	230	10.750	0.593	110/11	140/11	14.095
12"	230	12.750	0.687	80/8	100/5	19.392

**Pipe**  
**CPVC CTS Hot & Cold Water Distribution Pipe**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC CTS Pipe - SDR 11**  
**10' Lengths, Price Per Foot**



List Price Per Foot

CTS-005	<b>1/2</b>	500	0	034	.87
CTS-007	<b>3/4</b>	250	0	034	1.57
CTS-010	<b>1</b>	150	0	034	3.22
CTS-012	<b>1-1/4</b>	100	0	034	4.78
CTS-015	<b>1-1/2</b>	100	0	034	6.34
CTS-020	<b>2</b>	50	0	034	10.73

- Pipe sold in bag quantities only - no broken bags
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

CPVC CTS PIPE WEIGHTS:  
 CTS-005 Weight per Foot .090 lbs; per Bag Weight 45 lbs.  
 CTS-007 Weight per Foot .149 lbs; per Bag Weight 37.25 lbs.  
 CTS-010 Weight per Foot .239 lbs; per Bag Weight 35.85 lbs.  
 CTS-012 Weight per Foot .353 lbs; per Bag Weight 35.3 lbs.  
 CTS-015 Weight per Foot .489 lbs; per Bag Weight 48.9 lbs.  
 CTS-020 Weight per Foot .810 lbs; per Bag Weight 40.5 lbs.

**CPVC CTS Pipe - SDR 11**  
**20' Lengths, Price Per Foot**



List Price Per Foot

CTS-005-20	<b>1/2</b>	1000	0	034	.87
CTS-007-20	<b>3/4</b>	500	0	034	1.57
CTS-010-20	<b>1</b>	300	0	034	3.22
CTS-012-20	<b>1-1/4</b>	200	0	034	4.78
CTS-015-20	<b>1-1/2</b>	200	0	034	6.34
CTS-020-20	<b>2</b>	100	0	034	10.73

- Pipe sold in bag quantities only - no broken bags
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

CPVC CTS PIPE WEIGHTS:  
 CTS-005 Weight per Foot .090 lbs; per Bag Weight 90 lbs.  
 CTS-007 Weight per Foot .149 lbs; per Bag Weight 74.5 lbs.  
 CTS-010 Weight per Foot .239 lbs; per Bag Weight 71.7 lbs.  
 CTS-012 Weight per Foot .353 lbs; per Bag Weight 70.6 lbs.  
 CTS-015 Weight per Foot .489 lbs; per Bag Weight 97.8 lbs.  
 CTS-020 Weight per Foot .830 lbs; per Bag Weight 83 lbs.

**CPVC CTS Coiled Pipe - SDR 11**  
**100 ft. Coil, Price Per Foot**



List Price Per Foot

CTS-005-100	<b>1/2</b>	100	0	034	1.03
CTS-007-100	<b>3/4</b>	100	0	034	1.86
CTS-010-100	<b>1</b>	100	0	034	3.67

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**CPVC CTS Coiled Pipe - SDR 11 (continued)**  
**100 ft. Coil, Price Per Foot**

- Pipe sold in coil quantities only - no broken coils
- No return on Coiled Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

CPVC CTS COILED PIPE WEIGHTS:  
 CTS-005-100 Weight per Foot .090 lbs; per Coil Weight 9 lbs.  
 CTS-007-100 Weight per Foot .149 lbs; per Coil Weight 14.9 lbs.  
 CTS-010-100 Weight per Foot .239 lbs; per Coil Weight 23.9 lbs.

WARNING:  
 Banded coils will expand when opened. Exercise caution to avoid injury during banding removal.



**Pipe**  
**Schedule 80 PVC Industrial Pipe & Schedule 40 Clear Pipe**

**Schedule 80 PVC Industrial Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Schedule 80 Plain End**

10' Lengths, Price Per Foot

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List Price Per Foot

PD-800-001-10	1/8	10	0	744	1.87
PD-800-002-10	1/4	10	0	744	2.79
PD-800-003-10	3/8	10	0	744	3.88
PD-800-005-10	1/2	10	0	744	1.17
PD-800-007-10	3/4	10	0	744	1.58
PD-800-010-10	1	10	0	744	2.32
PD-800-012-10	1-1/4	10	0	744	3.20
PD-800-015-10	1-1/2	10	0	744	3.63
PD-800-020-10	2	10	0	744	5.03
PD-800-025-10	2-1/2	10	0	744	8.47
PD-800-030-10	3	10	0	744	10.28
PD-800-040-10	4	10	0	744	15.04
PD-800-060-10	6	10	0	744	28.72
PD-800-080-10	8	10	0	744	43.56
PD-800-100-10	10	10	0	744	64.63
PD-800-120-10	12	10	0	744	88.85

20' Lengths, Price Per Foot

List Price Per Foot

PD-800-001	1/8	20	0	744	1.87
PD-800-002	1/4	20	0	744	2.79
PD-800-003	3/8	20	0	744	3.88
PD-800-005	1/2	20	0	744	1.17
PD-800-007	3/4	20	0	744	1.58
PD-800-010	1	20	0	744	2.32
PD-800-012	1-1/4	20	0	744	3.20
PD-800-015	1-1/2	20	0	744	3.63
PD-800-020	2	20	0	744	5.03
PD-800-025	2-1/2	20	0	744	8.47
PD-800-030	3	20	0	744	10.28
PD-800-040	4	20	0	744	15.04
PD-800-060	6	20	0	744	28.72
PD-800-080	8	20	0	744	43.56
PD-800-100	10	20	0	744	64.63
PD-800-120	12	20	0	744	88.85

- Pipe sold in individual lengths or lift quantities. No cut lengths.
- No return on Pipe
- Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and drop-off charges.
- See Spears® Manufacturing Company Terms and Conditions of Sale for freight requirements.

ASTM D-1784 ASTM D-1785		Schedule 80 PVC Plain End Pipe				
Size	Max Work Pressure	Avg OD	Min Wall	10' Length Skid Quantity FT/Pieces	20' Length Skid Quantity FT/Pieces	Weight Per FT
1/8"	1230	0.405	0.095	2850/285	5700/285	0.063
1/4"	1130	0.540	0.119	2850/285	5700/285	0.105
3/8"	920	0.675	0.126	2850/285	5700/285	0.146
1/2"	850	0.840	0.147	2430/243	4860/243	0.213
3/4"	690	1.050	0.154	1540/154	5260/263	0.289
1"	630	1.315	0.179	2520/252	4280/214	0.124
1-1/4"	520	1.660	0.191	1230/123	2360/118	0.586
1-1/2"	470	1.900	0.200	1720/172	2060/103	0.717
2"	400	2.375	0.218	1230/123	1660/83	0.984
2-1/2"	420	2.875	0.276	540/54	1080/54	1.500
3"	370	3.500	0.300	460/46	840/42	2.010
4"	320	4.500	0.337	340/34	520/26	2.938
6"	280	6.625	0.432	170/17	340/17	5.610
8"	250	8.625	0.500	90/9	220/11	8.522
10"	230	10.750	0.593	110/11	140/7	12.635
12"	230	12.750	0.687	80/8	100/5	17.384

**Schedule 40 Clear Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Clear Schedule 40 Pipe**

10' Lengths, Price Per Foot

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List Price Per Foot

PL-002	1/4	190	0	742	1.04
PL-003	3/8	100	0	742	1.39
PL-005	1/2	90	0	742	2.07
PL-007	3/4	100	0	742	2.77
PL-010	1	90	0	742	4.11

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**PVC Clear Schedule 40 Pipe (continued)**

10' Lengths, Price Per Foot

PL-012	1-1/4	30	0	742	5.55
PL-015	1-1/2	50	0	742	6.67
PL-020	2	10	0	742	8.98
PL-025	2-1/2	80	0	742	14.16
PL-030	3	10	0	742	18.51
PL-040	4	10	0	742	27.87
PL-060	6	10	0	038	51.13
PL-080	8	10	0	038	76.41



**Pipe**  
**Low Extractable PVC Pipe & LabWaste™ CPVC Corrosive Waste Drainage System Pipe**



**Low Extractable PVC Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Spears® Low-Extractable Schedule 80 Pipe**  
 15' Lengths, Price Per Foot

List Price Per Foot

LXT-005	1/2	300	0	064	4.57
LXT-007	3/4	255	0	064	6.19
LXT-010	1	150	0	064	9.12
LXT-012	1-1/4	120	0	064	12.62
LXT-015	1-1/2	105	0	064	15.27

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Spears® Low-Extractable Schedule 80 Pipe (continued)**  
 15' Lengths, Price Per Foot

LXT-020	2	75	0	064	21.18
LXT-030	3	45	0	064	43.20
LXT-040	4	30	0	064	63.15
LXT-060	6	15	0	064	146.40

See Spears® Low-Extractable Schedule 80 Pipe Chart for additional information.

**LabWaste™ CPVC Corrosive Waste Drainage System Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**LabWaste™ CPVC Pipe**  
 10' Lengths, Price Per Foot

List Price Per Foot, may be cut to desired length

LW-015	1-1/2	10	0	161	6.90
LW-020	2	10	0	161	9.33
LW-030	3	10	0	161	16.87
LW-040	4	10	0	161	23.95
LW-060	6	10	0	161	43.23
LW-080	8	10	0	157	83.52
LW-100	10	10	0	157	135.23
LW-120	12	10	0	157	178.66
LW-140	14	10	0	158	217.87
LW-160	16	10	0	158	284.34

20' length available upon request



**Pipe**  
**FlameGuard® CPVC Fire Sprinkler Pipe & PVC & CPVC Round Seamless Duct**

**FlameGuard® CPVC Fire Sprinkler Pipe**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**FlameGuard® CPVC Fire Sprinkler Pipe**  
 SDR 13.5 10' Lengths, Price Per Foot

**Pipe**  
 SDR 13.5, 15' Lengths, Price Per Foot

List Price Per Foot

CP-007-10	3/4	260	0	071	1.69
CP-010-10	1	170	0	071	2.61
CP-012-10	1-1/4	90	0	071	4.09
CP-015-10	1-1/2	70	0	071	5.65
CP-020-10	2	50	0	071	8.45
CP-025-10	2-1/2	40	0	071	12.90
CP-030-10	3	30	0	071	19.60

List Price Per Foot

CP-007	3/4	390	0	071	1.69
CP-010	1	255	0	071	2.61
CP-012	1-1/4	135	0	071	4.09
CP-015	1-1/2	105	0	071	5.65
CP-020	2	75	0	071	8.45
CP-025	2-1/2	60	0	071	12.90
CP-030	3	45	0	071	19.60

**PVC & CPVC Round Seamless Duct**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**10' PVC Duct - Plain End**  
 Price Per Foot

PD-430-060-10	6	10	0	748	12.35
PD-430-080-10	8	10	0	748	15.55
PD-430-100-10	10	10	0	748	19.48
PD-430-120-10	12	10	0	748	23.17
PD-430-140-10	14	10	0	948	83.71
PD-430-160-10	16	10	0	948	95.65
PD-430-180-10	18	10	0	948	141.53
PD-430-200-10	20	10	0	948	177.68
PD-430-240-10	24	10	0	948	225.58

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**10' CPVC Duct - Plain End (continued)**  
 Price Per Foot

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**20' CPVC Duct - Plain End**  
 Price Per Foot

PD-430-060C	6	20	0	749	24.79
PD-430-080C	8	20	0	749	32.51
PD-430-100C	10	20	0	749	40.69
PD-430-120C	12	20	0	749	48.38
PD-430-140C	14	20	0	949	313.25
PD-430-160C	16	20	0	949	379.15
PD-430-180C	18	20	0	949	435.79
PD-430-200C	20	20	0	949	597.42
PD-430-240C	24	20	0	949	705.80

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**20' PVC Duct - Plain End**  
 Price Per Foot

PD-430-060	6	20	0	748	12.35
PD-430-080	8	20	0	748	15.55
PD-430-100	10	20	0	748	19.48
PD-430-120	12	20	0	748	23.17
PD-430-140	14	20	0	948	83.71
PD-430-160	16	20	0	948	95.65
PD-430-180	18	20	0	948	141.53
PD-430-200	20	20	0	948	177.68
PD-430-240	24	20	0	948	225.58

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**10' CPVC Duct - Plain End**  
 Price Per Foot

PD-430-060C-10	6	10	0	749	24.79
PD-430-080C-10	8	10	0	749	32.51
PD-430-100C-10	10	10	0	749	40.69
PD-430-120C-10	12	10	0	749	48.38
PD-430-140C-10	14	10	0	949	313.25
PD-430-160C-10	16	10	0	949	379.15



**Pipe**  
**PVC & CPVC Cold Rolled Fabricated Duct**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**4' PVC Cold Rolled Duct - Plain End**

Price Per Foot


PD-430-260	<b>26X4</b>	4	0	434	412.90
PD-430-280	<b>28X4</b>	4	0	434	491.86
PD-430-300	<b>30X4</b>	4	0	434	603.40
PD-430-320	<b>32X4</b>	4	0	434	649.97
PD-430-360	<b>36X4</b>	4	0	434	735.61
PD-430-380	<b>38X4</b>	4	0	434	798.59
PD-430-400	<b>40X4</b>	4	0	434	818.70
PD-430-420	<b>42X4</b>	4	0	434	1385.00
PD-430-460	<b>46X4</b>	4	0	434	1017.31
PD-430-480	<b>48X4</b>	4	0	434	1092.77

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and

**4' CPVC Cold Rolled Duct - Plain End**

Price Per Foot


PD-430-260C	<b>26X4</b>	4	0	435	1234.28
PD-430-280C	<b>28X4</b>	4	0	435	1420.36
PD-430-300C	<b>30X4</b>	4	0	435	1576.67
PD-430-320C	<b>32X4</b>	4	0	435	1627.51
PD-430-360C	<b>36X4</b>	4	0	435	1739.57
PD-430-380C	<b>38X4</b>	4	0	435	1924.70
PD-430-400C	<b>40X4</b>	4	0	435	2016.80
PD-430-420C	<b>42X4</b>	4	0	435	2115.05
PD-430-460C	<b>46X4</b>	4	0	435	2379.54
PD-430-480C	<b>48X4</b>	4	0	435	2742.23

• Pipe sold in individual lengths or lift quantities. No cut lengths.  
 • No return on Pipe  
 • Large orders may be shipped directly from Spears® manufacturing facility. Note: Multiple drops may be made on TL shipments. Contact Spears® Regional Distribution Center for requirements and



**Solvent Cements & Thread Sealants**  
**Blue 75™ Thread Sealant**

**Formulated, Designed & Tested for Plastic Piping Products**

While many thread sealants and pipe joint compounds claim to be suitable for use with plastics, several have been found to produce stress cracking due to chemical incompatibility. Improper application of TFE tape sealants can result in over-stressed threaded connections and potential joint failures. Research has proven Spears® BLUE 75™ thread sealant to be the superior choice for reliable joint make-up of all Spears® thermoplastic piping products.

- Non-Hardening, Lubricating Anti-Seize Formulation
- Safe, Non-Toxic, Lead & Silicone Free
- Non-Corrosive, Non-Conductive
- Convenient Packaging Availability
- Specially Designed for Spears® Threaded Fittings & Valves
- Suitable for Use in Connecting other Metallic Fittings or Valves to PVC or CPVC Fittings or Valves
- NSF® Certified for use with potable water

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Blue 75™ Thread Sealant**

SB75-005	<b>1/4 Pint</b>	24	0	895	9.94
SB75-010	<b>1/2 Pint</b>	24	0	895	15.83
SB75-020	<b>Pint</b>	12	0	895	25.59
SB75-030	<b>Quart</b>	12	0	895	45.99

## Solvent Cements & Thread Sealants Spears® Low VOC Solvent Cements & Primers



Essential solvent cements developed for contractors' essential needs in joining PVC, CPVC and ABS pipe and fittings.

- User Friendly with reduced fumes and odor for well-being of pipe installers.
- NSF® Certified & Listed for use in piping applications such as potable water, turf, irrigation, pool & spa, industrial, plumbing, DWV, and/or sewer, plus special applications including fire protection, chemical waste, and ultra-pure water.
- Meets ASTM Standards for solvent cements and primers used for plastic pipe installation.
- Environmentally friendly. LEED® Compliant (Leadership in Energy and Environmental Design). Credit can be gained through the use of Spears® Low VOC products. This program, developed by the US Green Building Council, uses SCAQMD Rule 1168 as a benchmark to qualify one credit toward LEED® certification for green building.

### Low VOC PVC Cements

Regular, Medium, heavy and extra heavy bodied cements are specifically formulated for PVC pipe in virtually every schedule and in sizes with interference fit to 30" diameter.

- Low VOC emissions comply with SCAQMD Rule 1168/316A
- 3-Year Shelf Life

**PVC-00 CLEAR:** Regular bodied, fast setting PVC cement for all classes and schedules (except Schedule 80) with interference fit through 4". Excellent for plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-05 CLEAR:** Medium bodied, fast setting, PVC cement for all classes and schedules with interference fit through 6" diameter and Schedule 80 through 4" diameter in industrial, plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



#### PVC-00 Clear Regular Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC00C-005	<b>1/4 Pint</b>	24	0	705	5.85
PVC00C-010	<b>1/2 Pint</b>	24	0	705	8.50
PVC00C-020	<b>Pint</b>	12	0	705	13.10
PVC00C-030	<b>Quart</b>	12	0	705	22.10
PVC00C-040	<b>Gallon</b>	6	0	705	71.75

#### PVC-05 Clear Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC05C-005	<b>1/4 Pint</b>	24	0	705	6.60
PVC05C-010	<b>1/2 Pint</b>	24	0	705	9.55
PVC05C-020	<b>Pint</b>	12	0	705	16.75
PVC05C-030	<b>Quart</b>	12	0	705	26.65
PVC05C-040	<b>Gallon</b>	6	0	705	90.80

**PVC-02 CLEAR:** Regular bodied, fast setting PVC cement for all classes and schedules (except Schedule 80) with interference fit through 4" diameter. Goes on clear, dries clearest and is slightly thicker than PVC-00. Excellent for plumbing, DWV, irrigation, electrical conduit, pool & spa and PVC foam core pipe. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



**PVC-21 BLUE:** Medium bodied, fast setting, high strength PVC cement. It is suitable for use on rigid PVC with interference fit Schedule 40 thru 6" and Schedule 80 thru 4". Can be used without primer on PVC Schedule 40 and SDR pressure water piping systems through 4" if local code permits. Do not use PVC-21 without primer in any other application, schedule, or size such as Schedule 80 industrial applications. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



#### PVC-02 Clear Regular Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC02C-005	<b>1/4 Pint</b>	24	0	705	6.50
PVC02C-010	<b>1/2 Pint</b>	24	0	705	9.45
PVC02C-020	<b>Pint</b>	12	0	705	14.55
PVC02C-030	<b>Quart</b>	12	0	705	24.55
PVC02C-040	<b>Gallon</b>	6	0	705	79.65

#### PVC-21 Blue Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC21B-005	<b>1/4 Pint</b>	24	0	705	7.05
PVC21B-010	<b>1/2 Pint</b>	24	0	705	11.60
PVC21B-020	<b>Pint</b>	12	0	705	19.85
PVC21B-030	<b>Quart</b>	12	0	705	33.35
PVC21B-040	<b>Gallon</b>	6	0	705	114.65



## Solvent Cements & Thread Sealants PVC Low VOC Cements

**PVC-25 AQUA BLUE WET-N-DRY:** Medium bodied, very fast setting PVC cement for all classes and schedules with interference fit through 6" diameter and Schedule 80 through 4" diameter. Formulated for wet conditions and quick pressurization. Designed for irrigation, plumbing, and pool & spa applications. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



### PVC-25 Aqua Blue Wet-N-Dry Medium body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC25B-005	1/4 Pint	24	0	705	7.05
PVC25B-010	1/2 Pint	24	0	705	11.45
PVC25B-020	Pint	12	0	705	19.50
PVC25B-030	Quart	12	0	705	32.65
PVC25B-040	Gallon	6	0	705	112.60

**PVC-27 CLEAR COLD-N-HOT:** Medium bodied, very fast setting, PVC cement for all classes and schedules with interference fit through 6" diameter, Schedule 80 through 4" diameter. Formulated for -15°F to 110°F (-26°C to 43°C) weather conditions. Designed for industrial, plumbing, irrigation, pool & spa, electrical conduit and PVC foam core pipe. Can be used without primer on non-pressure systems if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



### PVC-27 Clear Cold-N-Hot Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC27C-040	Gallon	6	0	705	118.85
PVC27C-020	Pint	12	0	705	20.35
PVC27C-030	Quart	12	0	705	34.25

**PVC-50 HOT BLUE:** Medium bodied, very fast setting, high strength PVC cement. Can be used on PVC with interference fit for Schedule 40 thru 6" and Schedule 80 thru 4". Hot Blue premium all-weather formulation is excellent for use in challenging conditions including wet, damp or cold temperatures in irrigation, plumbing DWV, pool & spa, and non-pressure applications. PVC-50 may be used without primer on Schedule 40 pipe and fittings if local code permits. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



### PVC-50 HOT BLUE Medium Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC50B-005	1/4 Pint	24	0	705	6.35
PVC50B-010	1/2 Pint	24	0	705	10.45
PVC50B-020	Pint	12	0	705	17.90
PVC50B-030	Quart	12	0	705	30.05
PVC50B-040	Gallon	6	0	705	103.30

**PVC-95 CLEAR/BLUE Flexible:** Medium bodied, fast setting PVC cement specially formulated for use on flex-to-flex and flex-to-rigid PVC connections with interference fit through 6" and Schedule 80 through 3". Maintains high-strength, flexible joints. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code.



### PVC-95 Clear Medium Body Flexible PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC95C-005	1/4 Pint	24	0	705	8.00
PVC95C-010	1/2 Pint	24	0	705	11.90
PVC95C-020	Pint	12	0	705	20.35
PVC95C-030	Quart	12	0	705	34.35
PVC95C-040	Gallon	6	0	705	118.85

### PVC-95 Blue Medium Body Flexible PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC95B-040	Gallon	6	0	705	118.85
PVC95B-030	Quart	12	0	705	34.25

**PVC-11 GRAY:** Heavy bodied, medium setting PVC cement for all classes and schedules with interference fit through 12" diameter. Medium set allows more working time in warm weather and has good gap filling properties. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code, CSA B137.3, B181.2.



### PVC-11 Gray Heavy Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC11G-010	1/2 Pint	24	0	706	15.60
PVC11G-020	Pint	12	0	706	20.80
PVC11G-030	Quart	12	0	706	35.00
PVC11G-040	Gallon	6	0	706	118.35

**PVC-17 CLEAR/GRAY:** Heavy bodied, medium setting PVC cement for all classes and schedules with interference fit through 12" diameter (non-pressure applications only up to 18"). Medium set allows more working time in warm weather and has good gap filling properties. Designed for plumbing, industrial, pool, irrigation and electrical piping systems. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code (Clear/Gray); CSA B137.3, B181.2 (Gray only).



### PVC-17 Gray Heavy Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC17G-010	1/2 Pint	24	0	706	11.70
PVC17G-020	Pint	12	0	706	20.55
PVC17G-030	Quart	12	0	706	34.70
PVC17G-040	Gallon	6	0	706	116.90

### PVC-17 Clear Heavy Body PVC Cement

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC17C-010	1/2 Pint	24	0	706	11.70
PVC17C-020	Pint	12	0	706	20.55
PVC17C-030	Quart	12	0	706	34.70
PVC17C-040	Gallon	6	0	706	116.90



**Solvent Cements & Thread Sealants**  
**PVC Low VOC Cements**



**PVC-19 WHITE/GRAY:** Extra heavy bodied, slow setting PVC cement for all classes and schedules with interference fit through 30" diameter. Designed for large size piping systems requiring high gap filling properties such as industrial piping and fitting fabrication in pressure and non-pressure applications. Listings: ASTM D2564, NSF®-PW, DWV, SW, U.P. Code, CSA (Gray Only) B137.3, B181.2.



**PVC-19 White Extra-Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC19W-020	<b>Pint</b>	12	0	706	31.43
PVC19W-030	<b>Quart</b>	12	0	706	41.90
PVC19W-040	<b>Gallon</b>	4	0	706	138.15
PVC19W-050	<b>5 Gallon</b>	1	0	706	597.25



**PVC-19 Gray Extra-Heavy Body PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PVC19G-020	<b>Pint</b>	12	0	706	31.43
PVC19G-030	<b>Quart</b>	12	0	706	41.90
PVC19G-040	<b>Gallon</b>	4	0	706	138.15
PVC19G-050	<b>5 Gallon</b>	1	0	706	597.25



**Solvent Cements & Thread Sealants  
CPVC Low VOC Cements**

Heavy bodied cements are specifically formulated for CPVC plastic pipe and fittings including a variety of One-Step (no primer required) CPVC specialty cements. These products are ideal for use in hot/cold water plumbing systems, water treatment and chemical plants, as well as industrial piping systems.

- Low VOC emissions comply with *SCAQMD Rule 1168/316A*
- 2-Year Shelf Life

**CPVC-24 GRAY/ORANGE:** Heavy bodied, medium setting CPVC cement for all classes and schedules with interference fit through 24" diameter. High-strength, chemical-resistant solvent cement for use with CPVC piping systems carrying acids, bases, salts, and sodium hypochlorite. Ideal for use in waste water plants. Recommended for use on PVC industrial piping systems for chemical applications; best choice for both PVC and CPVC fume & air duct systems. Listings: ASTM F493, NSF®-PW, DWW, SW, U.P. Code.



**The Most Chemically Resistant Cement Available for Both PVC & CPVC Applications**

**CPVC-24 Gray Heavy Body CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CPVC24G-020	<b>Pint</b>	12	0	707	23.30
CPVC24G-030	<b>Quart</b>	12	0	707	41.15
CPVC24G-040	<b>Gallon</b>	6	0	707	142.10

**CPVC-24 Orange Heavy Body CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CPVC24O-020	<b>Pint</b>	12	0	707	23.30
CPVC24O-030	<b>Quart</b>	12	0	707	41.15
CPVC24O-040	<b>Gallon</b>	6	0	707	142.10

**CTS-5 EverTUFF® YELLOW:** Medium bodied, fast setting cement for copper tube size pipe and fittings with interference fit through 2" diameter. ONE STEP CEMENT - formulated for use without primer if local code permits. Listings: ASTM F493/D2846, NSF®-PW, DWW, SW, U.P. Code, CSA B137.6, B181.2.



**Approved for All Copper Tube Size (CTS) Hot & Cold Water Distribution Systems, Including Spears® EverTUFF® and FlowGuard Gold®**

**CTS-5 EverTUFF® One-Step CTS CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CTS5-005	<b>1/4 Pint</b>	24	0	701	8.05
CTS5-010	<b>1/2 Pint</b>	24	0	701	12.80
CTS5-020	<b>Pint</b>	12	0	701	20.75
CTS5-030	<b>Quart</b>	12	0	701	36.10
CTS5-040	<b>Gallon</b>	6	0	701	123.50

**FS-5 RED:** One-Step (no primer required) CPVC cement specifically formulated and approved for use with Spears® **FlameGuard®** and other approved CPVC Fire Sprinkler Products with interference fit through 3". See publication FG-3, FlameGuard® Installation Instructions for additional application details. Listings: ASTM F493, NSF®-PW, DWW, SW, U.P. Code, UL®, FM® Approved.



**FS-5 FlameGuard® One-Step CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
FS5-020	<b>Pint</b>	12	0	703	25.23
FS5-030	<b>Quart</b>	12	0	703	46.29

**LW-5 MUSTARD:** One-Step (no primer required) CPVC cement specifically formulated and approved for use with Spears® **LabWaste™** CPVC Corrosive Waste Drainage System Products with interference fit through 24". See Publication LW-4, Technical Information, for application details. Listings: ASTM F493, NSF®-CW, PW, DWW, SW, U.P. Code, ICC-ES PMG.



**The Only Chemically Resistant Cement Approved for Spears® LabWaste™**

**LW-5 LabWaste™ One-Step CPVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
LW5-020	<b>Pint</b>	12	0	704	40.64
LW5-030	<b>Quart</b>	12	0	704	54.18
LW5-040	<b>Gallon</b>	6	0	704	220.41
LW5-050	<b>5 Gallon</b>	1	0	704	1102.09

**Solvent Cements & Thread Sealants**  
**ABS Low VOC Cements**



ABS cements are specially formulated for rigid ABS pipe and fittings in all classes, schedules and fittings having interference type sockets. These medium-bodied, fast setting cements are used for all classes and schedules with interference fit through 8" diameter in ABS drain, waste and vent systems (DWV), and sewer applications. Do not use primer on ABS pipe and fittings.

- Low VOC emissions comply with SCAQMD Rule 1168/316A
- 3-Year Shelf Life

**ABS-73 BLACK:** Medium bodied, fast setting, high strength ABS solvent cement for all classes and schedules of pipe and fittings with interference fit through 8" diameter. Listings: ASTM D2235, NSF®-DWV, SW, U.P. Code.



**ABS-73 Black Medium Body ABS Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
ABS73B-005	<b>1/4 Pint</b>	24	0	708	6.50
ABS73B-010	<b>1/2 Pint</b>	24	0	708	8.75
ABS73B-020	<b>Pint</b>	12	0	708	14.60
ABS73B-030	<b>Quart</b>	12	0	708	23.90
ABS73B-040	<b>Gallon</b>	6	0	708	80.15

**ABS-71 YELLOW/MILKY:** Medium bodied, fast setting, high strength ABS solvent cement for all classes and schedules of pipe and fittings with interference fit through 8" diameter. Listings: ASTM D2235, NSF®-DWV, SW, U.P. Code, CSA (Yellow Only) B181.1.



**ABS-71 Yellow Medium Body ABS Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
ABS71Y-005	<b>1/4 Pint</b>	24	0	708	7.72
ABS71Y-010	<b>1/2 Pint</b>	24	0	708	9.22
ABS71Y-020	<b>Pint</b>	12	0	708	16.20
ABS71Y-030	<b>Quart</b>	12	0	708	27.60
ABS71Y-040	<b>Gallon</b>	6	0	708	93.90

**ABS-71 Milky Medium Body ABS Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
ABS71M-005	<b>1/4 Pint</b>	24	0	708	7.72
ABS71M-010	<b>1/2 Pint</b>	24	0	708	9.22
ABS71M-020	<b>Pint</b>	24	0	708	16.20
ABS71M-030	<b>Quart</b>	24	0	708	27.60
ABS71M-040	<b>Gallon</b>	24	0	708	93.90



**Solvent Cements & Thread Sealants**  
**ABS to PVC Transition & Multi Purpose Low VOC Cements**

Designed for joining PVC, ABS, CPVC and Styrene pipe and fittings, involving both similar materials and transition joints between dissimilar plastic materials.

- Low VOC emissions comply with *SCAQMD Rule 1168/316A*
- 3-Year Shelf Life

**ABS TO PVC-94 ABS-PVC GREEN:** Medium bodied, fast setting transition cement for all classes and schedules with interference fit through 6" diameter (not for Schedule 80). Specifically designed for use on ABS to PVC transition joints in non-pressure systems. Suitable for sewer and DWV applications. Listings: ASTM D3138, NSF®-DWV, SW, U.P. Code.



**ABS TO PVC-94 Green Medium Body ABS to PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
TRAN94G-005	<b>1/4 Pint</b>	24	0	708	8.00
TRAN94G-010	<b>1/2 Pint</b>	24	0	708	11.70
TRAN94G-020	<b>Pint</b>	12	0	708	19.05
TRAN94G-030	<b>Quart</b>	12	0	708	32.80
TRAN94G-040	<b>Gallon</b>	6	0	708	107.75

**MP-90 MULTI-PURPOSE CLEAR:** Medium bodied, fast setting, multi-purpose cement for all classes and schedules with interference fit through 6" diameter, Schedule 80 through 4" diameter. High-strength cement for PVC and CPVC pressure and on ABS and styrene low-pressure systems.



**MP-90 Clear Multi-Purpose Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MP90C-005	<b>1/4 Pint</b>	24	0	708	7.55
MP90C-010	<b>1/2 Pint</b>	24	0	708	11.05
MP90C-020	<b>Pint</b>	12	0	708	18.55
MP90C-030	<b>Quart</b>	12	0	708	30.95

**Solvent Cements & Thread Sealants**  
**Low Extractable Low VOC Cement**



**LX-5 Clear:** One-Step (no primer required) PVC cement specifically formulated for use with Spears® Low Extractable PVC piping, with interference fit through 6". Unlike conventional PVC solvent cements, LX-5 contains fewer contaminants and cures quickly to reduce potential for TOC contamination. See publication LXT-4, Low-Extractable Ultra Pure Water Systems, for application details.

- Low VOC Emissions comply with SCAQMD Rule 1168/316A
- 3-Year Shelf Life



**LX-5 Low Extractable One-Step PVC Cement**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
LX5C-020	<b>Pint</b>	12	0	702	30.32
LX5C-030	<b>Quart</b>	12	0	702	48.91



## Solvent Cements & Thread Sealants Low VOC Solvent Primers & Cleaners

Primers are used for the surface preparation of plastic pipe and fittings, which is necessary for the proper solvent welding of these materials. Cleaner aids in pre-cleaning to remove oil and grease.

- All Spears® Primers and Cleaners are low VOC products, which are environmentally friendly with lower emissions and reduced odor, surpassing the most stringent regulations and comply with SCAQMD Rule 1168/316A.
- Spears® Primers are certified for use with potable water by NSF® International.
- 3-Year Shelf Life

**PRIMER-68 PURPLE/CLEAR:** Essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Choose from Clear or Purple color which provides positive identification that a primer was used (check local code requirements). Listings: ASTM F656, NSF®-PW, DWV, SW, U.P. Code (Purple Only).



### PRIMER-68 Clear Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM68C-005	1/4 Pint	24	0	709	6.50
PRIM68C-010	1/2 Pint	24	0	709	8.80
PRIM68C-020	Pint	12	0	709	16.30
PRIM68C-030	Quart	12	0	709	27.20
PRIM68C-040	Gallon	6	0	709	82.00

### PRIMER-70 Purple Industrial Strength Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70P-005	1/4 Pint	24	0	709	7.05
PRIM70P-010	1/2 Pint	24	0	709	9.60
PRIM70P-020	Pint	12	0	709	19.20
PRIM70P-030	Quart	12	0	709	31.10
PRIM70P-040	Gallon	6	0	709	102.20



**CLEANER-65 CLEAR CLEANER:** Water-thin cleaner recommended for use before priming of pipe and fittings to remove dirt, oil and grease from the bonding surfaces of PVC, CPVC, ABS and Styrene.



### PRIMER-68 Purple Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM68P-005	1/4 Pint	24	0	709	6.50
PRIM68P-010	1/2 Pint	24	0	709	8.80
PRIM68P-020	Pint	12	0	709	16.30
PRIM68P-030	Quart	12	0	709	27.20
PRIM68P-040	Gallon	6	0	709	82.00

### CLEANER-65 Clear Cleaner

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CLEAN65-005	1/4 Pint	24	0	709	5.20
CLEAN65-010	1/2 Pint	24	0	709	7.75
CLEAN65-020	Pint	12	0	709	13.45
CLEAN65-030	Quart	12	0	709	19.75
CLEAN65-040	Gallon	6	0	709	63.25

**PRIMER-70 INDUSTRIAL GRADE PURPLE/CLEAR:** Premium, industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Specially recommended for use on Schedule 80 (150 psi and higher) and large size pipe. Excellent for cold weather applications. Listings: ASTM F656, NSF®-PW, DWV, SW, U.P. Code (Purple Only).



### PRIMER-70 Clear Industrial Strength Primer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
PRIM70C-005	1/4 Pint	24	0	709	7.05
PRIM70C-010	1/2 Pint	24	0	709	9.60
PRIM70C-020	Pint	12	0	709	19.20
PRIM70C-030	Quart	12	0	709	31.10
PRIM70C-040	Gallon	6	0	709	102.20



## Solvent Cements & Thread Sealants Applicators & Accessories



### Can-Mate Kit

Includes Plastic Carrier Strap and two (2) Can-Mate 150 adjustable Daubers. Provides convenient carrying of 1/2 pint, pint or quart cans of cement and primer.



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CM-KIT	<b>2 @1-1/4"</b>	24	0	710	12.30

### Small-Cap Swab

Fits 1-3/4" Neck Quart Cans (MT-651). 4" length for pipe size 3" to 8".



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
5020	<b>4" Length</b>	24	0	710	13.30

### Can-Mate Daubers

Adjustable Plastic Applicator with Telescoping Stem for use with Standard 1/2 Pint, Pint and Quart Cans.



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
CM-50	<b>1/2"</b>	50	0	710	4.70
CM-75	<b>3/4"</b>	50	0	710	4.70
CM-150	<b>1-1/4"</b>	50	0	710	4.70

See application footnote below

1/2" Diameter for pipe sizes up to 1"  
3/4" Diameter for pipe size to 1-1/2"  
1-1/4" Diameter for pipe size 1-1/2" to 3"

### Large-Cap Swab

Fits 2-7/8" Neck Gallon Can (MT-648). For pipe size 6" & larger.



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
4020	<b>4" Length</b>	24	0	710	19.61

### Cap Daubers

Fits 1-3/4" Neck Cans. Size by Dauber Diameter and Can Fitment.



### Swab with Heavy Handle

For pipe size 6" & larger



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
4520	<b>4" length</b>	12	0	710	16.60

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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See application footnotes below

DQP-50	<b>1/2" for 1/4 Pint</b>	50	0	710	1.30
DQP-75	<b>3/4" for 1/4 Pint</b>	50	0	710	1.30
DHP-38	<b>3/8" for 1/2 Pint</b>	50	0	710	1.10
DHP-50	<b>1/2" for 1/2 Pint</b>	50	0	710	1.10
DHP-75	<b>3/4" for 1/2 Pint</b>	50	0	710	1.17
DP-50	<b>1/2" for Pint</b>	50	0	710	1.10
DP-75	<b>3/4" for Pint</b>	50	0	710	1.17
DP-125	<b>1-1/4" for Pint</b>	50	0	710	1.41
DQ-50	<b>1/2" for Quart</b>	50	0	710	1.10
DQ-75	<b>3/4" for Quart</b>	50	0	710	1.10
DQ-125	<b>1-1/4" for Quart</b>	50	0	710	1.41

3/8" Diameter for pipe sizes to 3/4"  
1/2" Diameter for pipe sizes to 1"  
3/4" Diameter for pipe size to 1-1/2"  
1-1/4" Diameter for pipe size 1-1/2" to 3"

### Small-Cap Roller

Fits 1-3/4" Neck Quart Cans (MT-651). Replaceable cover. For pipe size 3" to 6".



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
6020	<b>4" length</b>	24	0	710	13.33

### Can Roller

Fits Paint Type Quart Can (MT-653). For use with pipe sizes 3" to 6".



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
3020	<b>3" length</b>	24	0	710	14.32



**Solvent Cements & Thread Sealants  
Applicators & Accessories**

**Large-Cap Roller**

Fits 2-7/8" Neck Gallon Can (MT-648). Roller for pipe size 6" & larger.



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
7020	<b>7" length</b>	20	0	710	17.83

**Acid Brush**

Small Utility Brush



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
AB-1	<b>1/2"</b>	144	0	710	.45

**Roller with Heavy Handle**

Replaceable Cover. For pipe size 6" & larger.



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
5520	<b>4" length</b>	12	0	710	13.55
6520	<b>6" length</b>	12	0	710	16.60

**Standard Empty Cans**

1-3/4" Neck



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MT-656	<b>1/4 Pint</b>	24	0	710	2.11
MT-655	<b>1/2 Pint</b>	24	0	710	3.17
MT-654	<b>Pint</b>	12	0	710	6.61
MT-651	<b>Quart</b>	12	0	710	7.46
MT-647	<b>Gallon</b>	6	0	710	17.55

**Roller Replacement Covers**

Fits Rollers with Heavy Handles #5520, #6020 & #6520. Sold as Pack of 2, full pack only.



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
5520-1	<b>Fits 5520 &amp; 6020 Roller</b>	1	75	710	12.08
6520-1	<b>Fits 6520 Roller</b>	1	50	710	13.30

**Large Mouth Empty Cans**

2-7/8" Neck



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MT-648	<b>Gallon</b>	6	0	710	21.95

**Cap Brushes**

For Pint and Quart Cans



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
KD-110	<b>4-1/2" length</b>	25	0	710	8.56
KD-112	<b>5-1/2" length</b>	25	0	710	8.56

**Easy Pour Spout**

Fits 1/4 Pint, 1/2 Pint, Pint, Quart, & Gallon Can 1-3/4" Neck



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
EPS-1	<b>N/A</b>	36	0	710	5.05

**Solvent Cements & Thread Sealants  
Applicators & Accessories & Spears® Solvent Cement & Primer Selection Guide**



**Paint Type Empty Cans**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
MT-652	<b>Pint</b>	12	0	710	6.61
MT-653	<b>Quart</b>	12	0	710	7.46
MT-650	<b>Gallon</b>	4	0	710	15.80

**Deburring Tool**

Cone Type for PVC, CPVC, ABS, PE & PB pipe from 1/2" through 2"



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DEB-2	<b>1/2 to 2 Pipe</b>	1	6	710	87.25



## Solvent Cements & Thread Sealants Spears® Solvent Cement & Primer Selection Guide

Please refer to the selection guide below in selecting the right Spears® products for your application.

Type	Body	Product	Color	Relative Set	Capacity	Features	
PVC	Regular	PVC-00	Clear	Fast	Schedule 40 - 4"		
		PVC-02	Clear	Fast	Schedule 40 - 4"	Dries Clearest, slightly thicker than PVC-00	
	Medium	PVC-05	Clear	Fast	All Classes & Schedules - 6" Schedule 80 - 4"	<b>Industrial Duty</b> Primerless Capability <sup>1</sup>	
		PVC-21	Blue	Fast	Schedule 40 - 6" Schedule 80 - 4"	Primerless Capability <sup>1</sup>	
	Heavy	PVC-11	Gray	Medium	All Classes & Schedules - 12"	<b>Industrial Duty</b>	
		PVC-17	Clear/ Gray	Medium	All Classes & Schedules - 12" Non-pressure - 18"	<b>Industrial Duty</b>	
	Heavy Extra	PVC19	White/ Gray	Slow	All Classes & Schedules Requiring High Gap Filling - 30"	<b>Industrial Duty</b>	
	Specialty Cements	PVC-25	Aqua Blue	Very Fast	All Classes & Schedules - 6" Schedule 80 - 4"	Wet-N-Dry Formulation Primerless Capability <sup>1</sup>	
		PVC-27	Clear	Very Fast	All Classes & Schedules - 6" Schedule 80 - 4"	Cold-N-Hot Formulation -15°F to 110°F Primerless Capability <sup>1</sup>	
		PVC-50	Blue	Very Fast	Schedule 40 - 6" Schedule 80 - 4"	HOT PVC Formulation Primerless Capability <sup>1</sup>	
		PVC-95	Clear/ Blue	Fast	All Classes & Schedules - 6" Schedule 80 - 3"	Flexible PVC for Flex-Flex, Flex-Rigid Joints	
		LX-5	Clear	Fast	Low Extractable PVC Systems - 6"	One Step <sup>2</sup> Low Extractable, High Purity Cement	
	CPVC	Heavy	CPVC-24	Gray/ Orange	Medium	All Classes & Schedules PVC or CPVC - All Sizes	<b>Most Versatile, Chemically Resistant Cement for both CPVC &amp; PVC Systems - including Duct - Industrial Duty</b>
		Specialty Cements	LW-5	Mustard	Medium	LabWaste™ CPVC Drainage Systems - 24"	One Step <sup>2</sup> Cement - Only <b>LabWaste™</b> System Chemically Approved Cement
			FS-5	Red	Fast	CPVC Fire Sprinkler Systems - 3"	One-Step <sup>2</sup> Cement for all CPVC Fire Sprinkler Systems - FlameGuard® & BlazeMaster®
CTS-5			Yellow	Fast	CTS CPVC Systems - 2"	One-Step <sup>2</sup> Cement for all CTS CPVC Systems - EverTUFF® & FlowGuard Gold®	
ABS	Medium	ABS-71	Yellow/ Milky	Fast	All ABS Classes & Schedules - 8"		
		ABS-73	Black	Fast	All ABS Classes & Schedules - 8"		
Transition & Multi-Purpose	Medium	ABS TO PVC-94	Green	Fast	All Classes & Schedules - 6" (Except Schedule 80)	For ABS-to-PVC Transition Joints	
		MP-90	Clear	Fast	All Classes & Schedules - 6" Schedule 80 - 4"	For PVC and CPVC pressure ABS and Styrene low-pressure systems	
Primers & Cleaners		Primer-70	Purple/ Clear		All Classes & Schedules PVC & CPVC - 30"	<b>Industrial Duty</b>	
		Primer-68	Purple/ Clear		All Classes & Schedules PVC & CPVC - 30"		
		Cleaner-65	Clear		All Classes & Schedules - All Sizes	For PVC, CPVC, ABS or Styrene	

### Notes

1= Primerless Capability indicates a cement can be used without primer in certain applications if local code permits. See specific cement information for further restrictions.

2 = One Step designates a cement specifically designed for use without primer. CTS One Step acceptability depends on local code requirements.

CTS = Copper Tube Size, ASTM D2846 Hot and Cold Water Distribution Systems.

**Solvent Cements & Thread Sealants**  
**Solvent Cemented Joints - Initial Set Schedule, Cure Schedule and Cement Usage Table**



The following are basic guidelines and may require adjustment according to application or installation conditions. Certain specialty cements, such as FlameGuard® FS-5, may have different instructions for specific application conditions. Consult appropriate installation instructions for details.

**INITIAL SET SCHEDULE:** The Initial set schedule is the necessary waiting period before handling newly assembled joints. After initial set, the joint will withstand the stress of a normal installation. In damp or humid weather allow 50% more set time.

**AVERAGE INITIAL SET SCHEDULE FOR SPEARS® PVC/CPVC SOLVENT CEMENTS**

Temperature Range	Pipe Sizes 1/2" to 1-1/4"	Pipe Sizes 1-1/2" to 2"	Pipe Sizes 2-1/2" to 8"	Pipe Sizes 10" to 15"	Pipe Sizes 15"+
60° - 100°F/16° - 38°C	2 minutes	5 minutes	30 minutes	2 hours	4 hours
40° - 60°F/5° - 16°C	5 minutes	10 minutes	2 hours	8 hours	16 hours
0° - 40°F/-18° - 5°C	10 minutes	15 minutes	12 hours	24 hours	48 hours

**JOINT CURE SCHEDULE:** The Joint cure schedule is the necessary waiting period before pressurizing newly assembled joints. Follow the schedule carefully. In damp or humid weather or chemical applications, allow a minimum of 50% more cure time.

**AVERAGE JOINT CURE SCHEDULE FOR SPEARS® PVC/CPVC SOLVENT CEMENTS**

Relative Humidity 60% or Less	Cure Time Pipe Sizes 1/2" to 1-1/4"		Cure Time Pipe Sizes 1-1/2" to 2"		Cure Time Pipe Sizes 2-1/2" to 8"		Cure Time Pipe Sizes 10" to 15"	Cure Time Pipe Sizes 15"+
	Up to 160 psi	Above 160 to 370 psi	Up to 160 psi	Above 160 to 315 psi	Up to 160 psi	Above 160 to 315 psi	Up to 100 psi	Up to 100 psi
60° - 100°F/16° - 38°C	15 min	6 hrs	30 min	12 hrs	1-1/2 hrs	24 hrs	48 hrs	72 hrs
40° - 60°F/5° - 16°C	20 min	12 hrs	45 min	24 hrs	4 hrs	48 hrs	96 hrs	6 days
0° - 40°F/-18° - 5°C	30 min	48 hrs	1 hr	96 hrs	72 hrs	8 days	8 days	14 days

**AVERAGE NUMBER OF JOINTS PER QUART OF SPEARS® CEMENT**

Pipe Diameter	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"	10"	12"	15"	18"
Number of Joints	300	200	125	90	60	40	30	10	5	2-3	1-2	3/4	1/2

**NOMINAL INCH AND CORRESPONDING NOMINAL MILLIMETER PIPE SIZES**

in.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	18"	24"	30"
mm	20	25	32	40	50	63	75	90	110	160	200	250	315	355	450	600	800

**SPEARS® APPLICATOR SELECTION GUIDE**

For proper solvent cement welding of pipe and fittings, the cement applicator must be no less than half the size of the pipe

DAUBERS	Pipe Diameters						
	1/4"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
3/8" Dauber	*	*	*				
1/2" Dauber			*	*			
3/4" Dauber					*	*	
1-1/4" Dauber							*

ROLLERS & SWABS	SIZE	FOR PIPE DIAMETERS
3020	3" Roller	3" - 6"
6020	4" Roller	3" - 8"
7020	7" Roller	6" +
5520	4" Roller	6" +
6520	6" Roller	6" +
4020	4" Swab	6" +
5020	4" Swab	3" - 8"
4520	4" Swab	6" +

**PRODUCT SHELF LIFE**

Spears® Products	Shelf Life	Spears® Products	Shelf Life
Primers / Cleaners	3 years	CPVC Solvent Cement	2 years
PVC Solvent Cement	3 years	ABS Solvent Cement	3 years





FlameGuard® CPVC Fire Sprinkler Products  
FlameGuard® CPVC Fire Sprinkler Piping Products

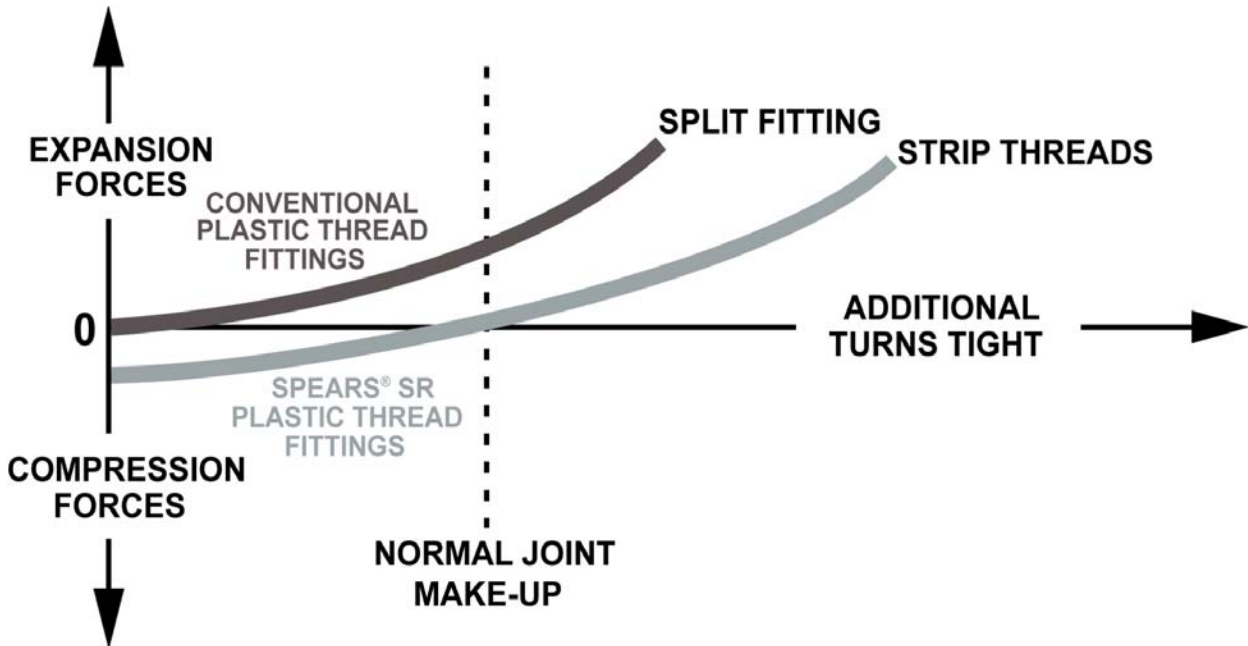
SPEARS® Patented SR Design Sprinkler Head Adapters



SPEARS® Patented Special Reinforced (SR) plastic female thread design is one of the most significant advancements in the use of CPVC Fire Sprinkler System threaded fittings. Not just an added ring, this unique precompression design compensates for expansion forces generated from tapered pipe thread joint make-up. Radial stress is no longer a problem in normal installations and easily managed in severe over-tightening situations.

Contains and Compensates for Radial Stress...

Radial stress, generated by tightening of tapered pipe threads, exerts tremendous expansion force on female plastic thread fittings. When subjected to over-tightening - even accidentally - these forces can literally split the fitting. Spears® patented SR Adapter design not only alleviates this problem by containing expansion forces with its special reinforced collar, but additionally compensates for expansion stress through thermoplastic material compression. Stresses are equalized at normal joint make-up. The following graph illustrates this effect in a comparison of conventional plastic female thread fittings with Spears® SR adapters when taken to failure.



*Another Quality SPEARS® Product Designed for Performance, Customer Satisfaction and Service.*



**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**FlameGuard® CPVC Fire Sprinkler Pipe**  
**SDR 13.5 10' Lengths, Price Per Foot**



List Price Per Foot

CP-007-10	3/4	260	0	071	1.69
CP-010-10	1	170	0	071	2.61
CP-012-10	1-1/4	90	0	071	4.09
CP-015-10	1-1/2	70	0	071	5.65
CP-020-10	2	50	0	071	8.45
CP-025-10	2-1/2	40	0	071	12.90
CP-030-10	3	30	0	071	19.60

**Pipe**

**SDR 13.5, 15' Lengths, Price Per Foot**



List Price Per Foot

CP-007	3/4	390	0	071	1.69
CP-010	1	255	0	071	2.61
CP-012	1-1/4	135	0	071	4.09
CP-015	1-1/2	105	0	071	5.65
CP-020	2	75	0	071	8.45
CP-025	2-1/2	60	0	071	12.90
CP-030	3	45	0	071	19.60

**Tee**

**Socket x Socket x Socket**



4201-007	3/4	20	220	070	3.54
4201-010	1	15	120	070	7.18
4201-012	1-1/4	10	0	070	10.73
4201-015	1-1/2	10	0	070	15.78
4201-020	2	10	0	070	23.29
4201-025	2-1/2	10	0	070	37.95
4201-030	3	5	0	070	59.47

**Reducing Tee**

**Socket x Socket x Socket**



4201-102	3/4X1	20	0	070	6.06
4201-125	1X3/4X3/4	15	150	070	6.06
4201-126	1X3/4X1	15	0	070	6.06
4201-131	1X3/4	20	0	070	6.06
4201-157	1-1/4X1X3/4	15	0	070	11.19
4201-158	1-1/4X1X1	15	0	070	11.19
4201-159	1-1/4X1X1-1/4	15	0	070	11.19
4201-167	1-1/4X3/4	15	0	070	11.19
4201-168	1-1/4X1	15	0	070	11.19
4201-169	1-1/4X1-1/2	10	0	070	13.51
4201-201	1-1/2X1-1/4X3/4	10	0	070	13.51
4201-202	1-1/2X1-1/4X1	10	0	070	13.51
4201-210	1-1/2X3/4	15	0	070	13.51
4201-211	1-1/2X1	10	0	070	13.51
4201-212	1-1/2X1-1/4	10	0	070	13.51
4201-213	1-1/2X2	10	0	070	21.44
4201-248	2X3/4	10	0	070	21.44
4201-249	2X1	10	0	070	21.44
4201-250	2X1-1/4	10	0	070	21.44
4201-251	2X1-1/2	10	0	070	21.44
4201-289	2-1/2X1	10	0	070	29.48
4201-290	2-1/2X1-1/4	10	0	070	29.48
4201-291	2-1/2X1-1/2	10	0	070	29.48
4201-292 <sup>1</sup>	2-1/2X2	10	0	070	29.48
4201-335	3X1	5	0	070	34.02
4201-336 <sup>1</sup>	3X1-1/4	5	0	070	34.02
4201-337 <sup>1</sup>	3X1-1/2	5	0	070	34.02
4201-338	3X2	5	0	070	34.02

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Tee (continued)**

**Socket x Socket x Socket**

4201-339	3X2-1/2	5	0	070	34.02
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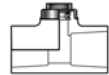
<sup>1</sup>Outlet sized with Bushing

**TorqueSafe™ Sprinkler Head Tee - Gasket**

**Sealed Brass Thread Insert Style**

**Socket x Socket x Gasket FIPT With Elastomer Seal - Use**

**NO Thread Sealant**



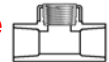
4202-101 G	3/4X1/2	50	0	076	13.14
4202-124 G	1X3/4X1/2	50	0	076	14.18
4202-130 G	1X1/2	50	0	076	14.18
4202-166 G	1-1/4X1/2	15	0	076	23.65
4202-209 G	1-1/2X1/2	10	0	076	31.15
4202-247 G	2X1/2	10	0	076	43.93

FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

**Sprinkler Head Tee - Brass Thread Insert Style**

**Socket x Socket x FIPT**



4202-101	3/4X1/2	50	0	076	13.14
4202-124	1X3/4X1/2	50	0	076	14.18
4202-130	1X1/2	50	0	076	14.18
4202-010	1	10	40	076	36.47
4202-156	1-1/4X1X1/2	15	0	076	23.65
4202-166	1-1/4X1/2	15	0	076	23.65
4202-199	1-1/2X1-1/4X1/2	10	0	076	31.15
4202-209	1-1/2X1/2	10	0	076	31.15
4202-237	2X1-1/2X1/2	10	0	076	43.93
4202-247	2X1/2	10	0	076	43.93

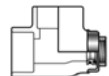
Not intended to convey or dispense water for human consumption through drinking or cooking

**TorqueSafe™ Sprinkler Head Tee - Gasket**

**Sealed Brass Thread Insert Style**

**Socket x Gasket FIPT x Socket With Elastomer Seal - Use**

**NO Thread Sealant**



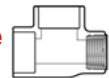
4203-122 G	1X1/2X1	50	0	076	23.29
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FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

**Sprinkler Head Tee - Brass Thread Insert Style**

**Socket x FIPT x Socket**



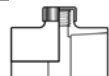
4203-122	1X1/2X1	50	0	076	23.29
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Not intended to convey or dispense water for human consumption through drinking or cooking

**Sprinkler Head Tee - Special Reinforced**

**Plastic Thread Style**

**Socket x Socket x SR FIPT - Stainless Steel Collar**



4202-010SR	1	15	0	076	19.38
4202-101SR	3/4X1/2	50	0	076	6.99
4202-124SR	1X3/4X1/2	50	0	076	7.55
4202-130SR	1X1/2	50	0	076	7.55
4202-156SR	1-1/4X1X1/2	15	0	076	12.59
4202-166SR	1-1/4X1/2	15	0	076	12.59
4202-168SR	1-1/4X1	15	0	076	27.06
4202-199SR	1-1/2X1-1/4X1/2	10	0	076	16.57
4202-209SR	1-1/2X1/2	25	0	076	16.57
4202-211SR	1-1/2X1-1/2X1	10	0	076	16.57
4202-237SR	2X1-1/2X1/2	10	0	076	23.38
4202-247SR	2X1/2	10	0	076	23.38
4202-287SR	2-1/2X1/2	10	0	076	32.04

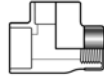
**NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS**  
 Progressive Products from Spears® Innovation and Technology



**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**

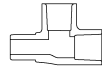
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Sprinkler Head Tee - Special Reinforced Plastic Thread Style**  
 Socket x SR FIPT x Socket - Stainless Steel Collar



4203-122SR	1X1/2X1	50	0	076	8.11
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**Street Tee**  
 Spigot x Socket x Socket



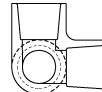
4244-007	3/4	15	105	070	6.32
4244-010	1	15	0	070	8.43
4244-012	1-1/4	10	0	070	15.31
4244-015	1-1/2	10	0	070	18.53
4244-020	2	10	0	070	27.40

**90° EII**  
 Socket x Socket



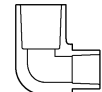
4206-007	3/4	30	300	070	2.61
4206-010	1	20	200	070	5.80
4206-012	1-1/4	10	100	070	7.41
4206-015	1-1/2	10	0	070	10.35
4206-020	2	25	0	070	12.80
4206-025	2-1/2	5	0	070	24.70
4206-030	3	5	0	070	33.69

**Side Outlet EII**  
 Socket x Socket x Socket



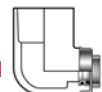
4213-007	3/4	50	0	070	8.50
4213-010	1	25	0	070	11.59

**90° Reducing EII**  
 Socket x Socket



4206-131	1X3/4	20	240	070	5.14
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**TorqueSafe™ 90° Sprinkler Head Elbow - Gasket Sealed Brass Thread Insert Style**  
 Socket x Gasket FIPT With Elastomer Seal - Use NO Thread Sealant

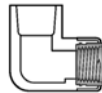


4207-101 G	3/4X1/2	20	120	076	8.68
4207-130 G	1X1/2	15	90	076	12.20
4207-166 G	1-1/4X1/2	10	60	076	16.99

FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

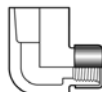
**Sprinkler Head 90° EII - Brass Thread Insert Style**  
 Socket x FIPT



4207-101	3/4X1/2	20	120	076	8.68
4207-130	1X1/2	15	90	076	12.20
4207-131	1X3/4	25	0	076	14.76
4207-166	1-1/4X1/2	10	60	076	16.99

Not intended to convey or dispense water for human consumption through drinking or cooking

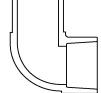
**Sprinkler Head 90° EII - Special Reinforced Plastic Thread Style**  
 Socket x SR FIPT - Stainless Steel Collar



4207-101SR	3/4X1/2	20	180	076	4.61
4207-130SR	1X1/2	10	150	076	6.50
4207-131SR	1X3/4	50	0	076	7.86
4207-166SR	1-1/4X1/2	25	0	076	8.26

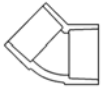
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**90° Street EII**  
 Spigot x Socket



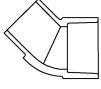
4209-007	3/4	50	0	070	5.67
4209-010	1	50	0	070	8.38
4209-012	1-1/4	25	0	070	13.78
4209-015	1-1/2	10	0	070	16.79
4209-020	2	25	0	070	24.72

**45° EII**  
 Socket x Socket



4217-007	3/4	20	360	070	3.54
4217-010	1	15	240	070	4.21
4217-012	1-1/4	10	120	070	6.17
4217-015	1-1/2	10	0	070	8.48
4217-020	2	10	0	070	10.67
4217-025	2-1/2	5	0	070	19.01
4217-030	3	5	0	070	27.49

**45° Street EII**  
 Spigot x Socket



4227-010	1	50	0	070	4.21
4227-012	1-1/4	25	0	070	6.17
4227-015	1-1/2	25	0	070	7.63
4227-020	2	20	0	070	10.67

**22-1/2° EII**  
 Socket



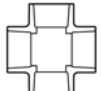
4216-007	3/4	20	360	070	4.24
4216-010	1	20	240	070	5.47
4216-012	1-1/4	20	0	070	7.40
4216-015	1-1/2	20	0	070	10.17
4216-020	2	20	0	070	12.59
4216-025	2-1/2	5	0	070	25.86
4216-030	3	5	0	070	32.78

**22-1/2° Street EII**  
 Spigot x Socket



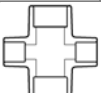
4242-007	3/4	50	0	070	4.45
4242-010	1	50	0	070	5.73
4242-012	1-1/4	20	0	070	7.79
4242-015	1-1/2	25	0	070	10.69
4242-020	2	20	0	070	13.23
4242-025	2-1/2	5	0	070	18.55
4242-030	3	5	0	070	26.57

**Cross**  
 Socket x Socket x Socket x Socket



4220-007	3/4	20	0	070	5.59
4220-010	1	15	0	070	6.98
4220-012	1-1/4	10	0	070	9.73
4220-015	1-1/2	10	0	070	13.28
4220-020	2	8	0	070	21.63
4220-025	2-1/2	5	0	070	47.54
4220-030	3	5	0	070	69.72

**Reducing Cross**  
 Socket x Socket x Socket x Socket



4220-131	1X3/4	20	0	070	7.54
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**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Reducing Cross (continued)**

Socket x Socket x Socket x Socket

4220-167	1-1/4X3/4	25	0	070	11.65
4220-289	2-1/2X1	15	0	070	30.07

**Coupling**

Socket x Socket



4229-007	3/4	25	500	070	2.55
4229-010	1	25	250	070	3.26
4229-012	1-1/4	10	160	070	4.89
4229-015	1-1/2	10	100	070	6.98
4229-020	2	20	0	070	9.41
4229-025	2-1/2	10	0	070	14.34
4229-030	3	5	0	070	18.65

**Reducer Coupling**

Socket x Socket



4229-131	1X3/4	15	270	070	3.26
4229-167	1-1/4X3/4	25	0	070	5.06
4229-168	1-1/4X1	10	140	070	4.89
4229-210	1-1/2X3/4	25	0	070	7.54
4229-211	1-1/2X1	10	70	070	7.33
4229-212	1-1/2X1-1/4	10	120	070	6.98
4229-248	2X3/4	10	80	070	9.83
4229-249	2X1	10	60	070	9.83
4229-250	2X1-1/4	10	60	070	9.59
4229-251	2X1-1/2	10	100	070	9.41
4229-291	2-1/2X1-1/2	10	0	070	14.49
4229-292	2-1/2X2	10	0	070	14.85

**Grooved Coupling Adapter**

Groove x Socket



4233-012	1-1/4	10	40	076	97.98
4233-015	1-1/2	10	40	076	103.84
4233-020	2	8	32	076	120.27
4233-025	2-1/2	5	0	076	154.27
4233-030	3	5	0	076	171.50

Not intended to convey or dispense water for human consumption through drinking or cooking

**Male Adapter**

MIPT x Socket



4236-007	3/4	40	160	076	38.97
4236-010	1	10	60	076	59.58
4236-012	1-1/4	10	60	076	71.25
4236-015	1-1/2	10	40	076	129.31
4236-020	2	8	32	076	172.08

**Female Adapter - Brass Thread Insert Style**

Socket x FIPT



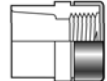
4235-007	3/4	15	90	076	17.32
4235-010	1	15	90	076	30.39
4235-012	1-1/4	15	60	076	49.54
4235-015	1-1/2	10	40	076	66.09
4235-020	2	8	32	076	82.83

Not intended to convey or dispense water for human consumption through drinking or cooking

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Female Adapter - Special Reinforced Plastic Thread Style**

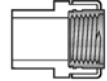
Socket x SR FIPT - Stainless Steel Collar



4235-007SR	3/4	25	300	076	8.22
4235-010SR	1	25	200	076	14.45
4235-012SR	1-1/4	10	60	076	23.52

**Spigot Female Adapter - Brass Thread Insert Style**

Spigot x FIPT

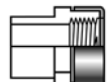


4278-007	3/4	25	150	076	16.20
4278-010	1	15	90	076	28.85

Not intended to convey or dispense water for human consumption through drinking or cooking

**Spigot Female Adapter - Special Reinforced Plastic Thread Style**

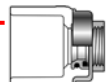
Spigot x SR FIPT - Stainless Steel Collar



4278-007SR	3/4	25	300	076	8.63
4278-010SR	1	50	0	076	15.36

**TorqueSafe™ Female Sprinkler Head Adapter - Gasket Sealed Brass Thread Insert Style**

Socket x Gasket FIPT



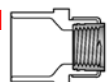
4235-101 G	3/4X1/2	50	0	076	9.46
4235-130GS	1X1/2	50	0	076	10.10
4235-131 G	1X3/4	50	0	076	15.96

FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

**Female Sprinkler Head Adapter - Brass Thread Insert Style**

Socket x FIPT

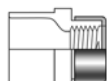


4235-101	3/4X1/2	50	0	076	9.46
4235-130	1X1/2	50	0	076	10.10
4235-131	1X3/4	50	0	076	15.96

Not intended to convey or dispense water for human consumption through drinking or cooking

**Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style**

Socket x SR FIPT - Stainless Steel Collar



4235-101SR	3/4X1/2	50	200	076	5.02
4235-130SR	1X1/2	50	0	076	5.37
4235-131SR	1X3/4	50	0	076	8.50

**Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style with Socket Body Wrench Flats**

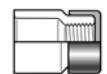
Socket x SR FIPT - Stainless Steel Collar



W4235-101SR	3/4X1/2	50	0	076	5.73
W4235-130SR	1X1/2	50	0	076	6.13

**Female Sprinkler Head Adapter - Special Reinforced Plastic Thread with Metal Thread Start**

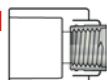
Socket x SR FIPT - Zinc Collar



Z4235-101SR	3/4X1/2	50	200	076	5.02
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**Female Sprinkler Head Adapter - Brass Thread Insert Style with Long Body**

Socket x FIPT



L4235-130	1X1/2	50	0	076	14.32
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**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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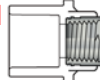
**Female Sprinkler Head Adapter - Brass Thread Insert Style with Long Body (continued)**

Socket x FIPT

Not intended to convey or dispense water for human consumption through drinking or cooking

**Female Sprinkler Head Adapter - Brass Thread Insert Style with Positioning Ring**

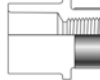
Socket x FIPT



R4235-101	<b>3/4X1/2</b>	50	0	076	9.46
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Not intended to convey or dispense water for human consumption through drinking or cooking

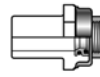
**Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style with Positioning Ring**



Socket x SR FIPT - Stainless Steel Collar

R4235-101SR	<b>3/4X1/2</b>	25	300	076	5.67
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**TorqueSafe™ Female Spigot Sprinkler Head Adapters - Gasket Sealed Brass Thread Insert Style**



Spigot x Gasket FIPT x Socket With Elastomer Seal - Use NO Thread Sealant

4238-101 G	<b>3/4X1/2</b>	50	0	076	9.46
4238-130 G	<b>1X1/2</b>	50	0	076	10.10

FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

**Spigot Female Sprinkler Head Adapters - Brass Thread Insert Style**



Spigot x FIPT

4238-101	<b>3/4X1/2</b>	50	0	076	9.46
4238-130	<b>1X1/2</b>	50	0	076	10.10

Not intended to convey or dispense water for human consumption through drinking or cooking

**TorqueSafe™ Bushing - Gasket Sealed Brass Thread Insert Style**



Spigot x Gasket FIPT With Elastomer Seal - Use NO Thread Sealant

4238-130BR G	<b>1X1/2</b>	50	300	076	13.07
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Not intended to convey or dispense water for human consumption through drinking or cooking

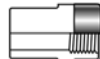
**Bushing - with Brass Thread Insert Spigot x FIPT**



4238-130BR	<b>1X1/2</b>	50	300	076	13.07
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Not intended to convey or dispense water for human consumption through drinking or cooking

**Spigot Female Sprinkler Head Adapters - Special Reinforced Plastic Threaded Style**



Spigot x SR FIPT - Stainless Steel Collar

4238-101SR	<b>3/4X1/2</b>	50	400	076	5.02
4238-130SR	<b>1X1/2</b>	50	0	076	5.43

**Adjustable Sprinkler Head Adapters - Special Reinforced Plastic Thread Style**



Socket x SR FIPT - Zinc Collar

42001SR	<b>3/4X1/2</b>	12	0	076	12.82
42011SR	<b>1X1/2</b>	12	0	076	12.82

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Adjustable Sprinkler Head Adapters - Special Reinforced Plastic Thread Style**



Spigot x SR FIPT - Zinc Collar

42004SR	<b>3/4X1/2</b>	12	0	076	12.82
42014SR	<b>1X1/2</b>	12	0	076	12.82

**Reducer Bushing - Flush Style Spigot x Socket**



4237-131	<b>1X3/4</b>	50	700	070	1.98
4237-167	<b>1-1/4X3/4</b>	25	200	070	3.11
4237-168	<b>1-1/4X1</b>	25	350	070	3.11
4237-210	<b>1-1/2X3/4</b>	25	125	070	3.50
4237-211	<b>1-1/2X1</b>	25	150	070	3.50
4237-212	<b>1-1/2X1-1/4</b>	25	300	070	3.50
4237-248	<b>2X3/4</b>	10	160	070	5.13
4237-249	<b>2X1</b>	10	160	070	5.13
4237-250	<b>2X1-1/4</b>	10	160	070	5.13
4237-251	<b>2X1-1/2</b>	10	160	070	5.13
4237-290	<b>2-1/2X1-1/4</b>	10	0	070	8.87
4237-291	<b>2-1/2X1-1/2</b>	10	0	070	8.87
4237-292	<b>2-1/2X2</b>	15	0	070	8.87
4237-338	<b>3X2</b>	10	0	070	13.28
4237-339	<b>3X2-1/2</b>	10	0	070	13.28

**Cap Socket**



4247-007	<b>3/4</b>	25	400	070	1.54
4247-010	<b>1</b>	25	450	070	2.22
4247-012	<b>1-1/4</b>	10	120	070	3.50
4247-015	<b>1-1/2</b>	10	160	070	4.85
4247-020	<b>2</b>	10	60	070	7.39
4247-025	<b>2-1/2</b>	5	40	070	10.49
4247-030	<b>3</b>	5	0	070	17.16

**Test Plug - O-ring Sealed**

MIPT - For Pressure Testing Only. NOT for use with Z4235 Series or Gasket Sealed Adapters



FTP-005	<b>1/2</b>	50	400	079	1.69
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DO NOT use with Tape or Paste thread sealants

**Test Plug Replacement O-ring Buna-N, For O-ring Sealed Test Plug Only**



B-116	<b>116</b>	100	0	901	.11
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For Use With FTP-005 Test Plug

**Test Plug for TorqueSafe™ Gasket Sealed Head Adapters**

MIPT - For Pressure Testing Only. Use ONLY with Gasket Sealed Head Adapters



FTP-005GS	<b>1/2</b>	50	400	079	1.69
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**Test Plug - White PVC**

MIPT - For Pressure Testing Only



4250-005	<b>1/2</b>	50	400	070	1.67
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Requires use of a thread sealant

**Flange**

Socket - 4 Bolt Holes - 175 lb.



4251-007	<b>3/4</b>	25	0	070	5.50
4251-010	<b>1</b>	15	0	070	7.31
4251-012	<b>1-1/4</b>	15	0	070	9.41

**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Flange (continued)**

**Socket - 4 Bolt Holes - 175 lb.**

4251-015	1-1/2	15	0	070	10.91
4251-020	2	10	0	070	16.67
4251-025	2-1/2	10	0	070	28.21

**Flange - Van Stone Style**

**Socket - 4 Bolt Holes - 175 lb.**

4254-030	3	10	0	070	34.67
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**Blind Flange**

**4 Bolt Holes - 175 lb.**

4253-007	3/4	25	0	070	5.50
4253-010	1	15	0	070	7.82
4253-012	1-1/4	15	0	070	9.99
4253-015	1-1/2	15	0	070	11.23
4253-020	2	10	0	070	18.38
4253-025	2-1/2	10	0	070	29.55
4253-030	3	10	0	070	32.46

**Flange - Van Stone Style**

**Spigot - 4 Bolt Holes - 175 lb.**

4256-007	3/4	25	0	070	5.67
4256-010	1	15	0	070	8.00
4256-012	1-1/4	15	0	070	10.23
4256-015	1-1/2	15	0	070	11.49
4256-020	2	10	0	070	18.73
4256-025	2-1/2	10	0	070	29.96
4256-030	3	10	0	070	34.96

**Union**

**Socket x Socket**

175 psi Maximum Internal Pressure rating @ 73°F (23°C)

4257-007	3/4	10	80	070	7.09
4257-010	1	10	40	070	12.85
4257-012	1-1/4	5	20	070	16.82
4257-015	1-1/2	5	0	070	19.94
4257-020	2	5	0	070	32.77

**Transition Union - Metal Thread Insert Style**

**Socket x FIPT**

175 psi Maximum Internal Pressure rating @ 73°F (23°C)

4259-010BR	1	10	0	076	44.66
4259-012BR	1-1/4	5	20	076	65.48
4259-015BR	1-1/2	5	0	076	93.05
4259-020BR	2	5	0	076	137.22

Not intended to convey or dispense water for human consumption through drinking or cooking

**Short Repair Couplings**

**Spigot x Socket**

175 psi Maximum Internal Pressure rating @ 73°F (23°C)

SH118-07CO	3/4	30	0	025	12.88
SH118-10CO	1	35	0	025	20.88

**Blue 75™ Thread Sealant**

SB75-005	1/4 Pint	24	0	895	9.94
SB75-010	1/2 Pint	24	0	895	15.83

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**Blue 75™ Thread Sealant (continued)**

SB75-020	Pint	12	0	895	25.59
SB75-030	Quart	12	0	895	45.99

**FS5 One-Step Cement**

FS5-020	Pint	12	0	703	25.23
FS5-030	Quart	12	0	703	46.29

**Accessories**

**Empty Can**

MT-654	Pint	12	0	710	6.61
MT-651	Quart	12	0	710	7.46
MT-653	Quart	12	0	710	7.46

\* 1-3/4 Screw Neck

\*\*TT Paint Type

**Brush**

PB1	1	100	0	710	9.03
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1" Brush w/1-3/4" Screw Cap, for pipe size 3/4" - 2"

**Roller**

3020	3" length	24	0	710	14.32
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Fits Paint Type Quart Can (MT-653). For use with pipe sizes 3"

**Dauber**

DP-75	3/4" for Pint	50	0	710	1.17
DP-125	1-1/4" for Pint	50	0	710	1.41
DQ-125	1-1/4" for Quart	50	0	710	1.41

\* 3/4" Diameter fits Pint Cans, for pipe size 3/4"

\*\* 1-1/2" Diameter fits Pint Cans, for pipe size 1-1/2"

\*\*\* 1-1/2" Diameter fits Quart Cans, for pipe size 1-1/2"

**Can-Mate Dauber**

CM-75	3/4"	50	0	710	4.70
CM-150	1-1/4"	50	0	710	4.70

3/4" Diameter fits Pint or Quart Cans, for pipe sizes 3/4" - 1-1/4"

1-1/4" Diameter fits Pint or Quart Cans, for pipe sizes 1-1/2" - 3"

**Deburring Tool**

**Cone Type for pipe 3/4" - 2"**

DEB-2	1/2 to 2 Pipe	1	6	710	87.25
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**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**

**FlameGuard® CPVC Drain & Check Valves For NFPA 13D Applications Only**

**Application:** FlameGuard® CPVC Orange Check Valves and PVC/CPVC True Union Drain Valves are for use in configuring CPVC Fire Sprinkler System connection to water supply (riser/drain assembly) in NFPA 13D installations only. These valves are not UL Listed and NOT for use in any other locations within the fire sprinkler system.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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**True Union Drain Valves**  
**PVC Valve with CPVC End Connector**



**Socket x Socket**

PVC Valve with CPVC End Connector

3622-007FG	<b>3/4</b>	1	18	004	44.68
3622-010FG	<b>1</b>	1	12	004	53.22
Not UL Listed					

**CPVC Check Valves**



**Socket x Socket**

S1520-10CO	<b>1</b>	20	0	004	30.51
S1520-12CO	<b>1-1/4</b>	12	0	004	34.10
S1520-15CO	<b>1-1/2</b>	12	0	004	38.34
Not UL Listed					

**CPVC Special Reinforced Thread Inlet Check Valves**



**SR Fipt x Socket**

S1520-10FSRSCO	<b>1</b>	20	0	004	33.04
S1520-12FSRSCO	<b>1-1/4</b>	12	0	004	38.15
S1520-15FSRSCO	<b>1-1/2</b>	12	0	004	45.26
Not UL Listed					

**General Installation Information:** Socket end connections should be installed using Spears® FS-5 One-Step Cement for use with Spears® CPVC Fire Sprinkler Products. Threaded connections should be made using Spears® **BLUE 75™** Thread Sealant tested for compatibility with CPVC materials. PVC True Union Drain Valves are to be installed with system connection to Valve CPVC End Connector. Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down.



**FlameGuard® CPVC Fire Sprinkler Products**  
**FlameGuard® CPVC Fire Sprinkler Piping Products**

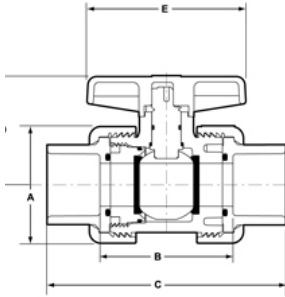


**FlameGuard® CPVC Drain & Check Valves For NFPA 13D Applications Only**

**Specifications**

**Drain Valve:**

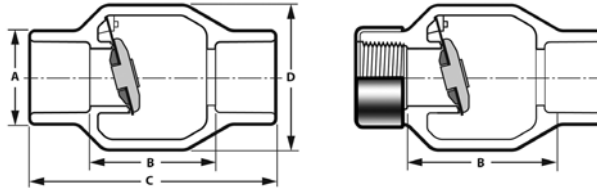
Nominal Size Range	3/4", 1"
Type	1/4-Turn Ball Valve, True Union Style
Material	PVC w/CPVC Orange End Connector
Seats	PTFE/HDPE
Seals	EPDM
Handle	Polypropylene, Red
End Connections	Socket x Socket



Socket x Socket Part Number	Nominal Size	Dimension Reference (inches, ± 1/16)				
		A	B	C	D	E
3622-007FG	3/4	2-1/4	2-3/4	4-3/4	2	3
3622-010FG	1	2-1/2	2-7/8	5-1/8	2-5/16	3-7/16

**Check Valve:**

Nominal Size Range	1", 1-1/4", 1-1/2"
Type	Swing Check, Maintenance-free Sealed Unit
Material	CPVC, Orange
Seat	EPDM
End Connections	Socket x Socket Special Reinforced (SR) Female Plastic Thread Inlet x Socket



Socket x Socket Part Number	SR Thread x Socket Part Number	Nominal Size	Dimension Reference (inches, ± 1/16)					C <sub>v</sub> (GPM)
			A	B		C	D	
				Socket	SR Thread			
S1520-10CO	S1520-10FSRSCO	1	1-11/16	2-5/16	2-15/16	4-9/16	2-5/8	33
S1520-12CO	S1520-12FSRSCO	1-1/4	2-1/16	2-15/16	3-5/8	5-1/2	3-3/8	42
S1520-15CO	S1520-15FSRSCO	1-1/2	2-7/16	3	3-11/16	5-5/8	3-3/8	89



Spears Part Number Index

Table with 10 columns of part numbers and descriptions, including items like AB-1, ABS71M-005, BF-BOK-060P, BF-EOK-160P, BF-VOK-120, BFC-VRK-030, BFSE-040-1140, etc.

# Spears Part Number Index



BFT-BOK-060	428	BFT-VOKD-080	429	BS22P6-015	250, 504	BS27C6-020C	325, 506	BS32S6-060C	324, 505	BS37S6-012C	325, 506
BFT-BOK-060C	428	BFT-VOKD-080C	429	BS22P6-020	250, 504	BS27C6-025C	325, 506	BS32S6-080	250, 504	BS37S6-015	251, 505
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Table with multiple columns listing part numbers and their corresponding values. The table is organized into several vertical columns, each containing a list of part numbers and their associated values. The part numbers range from 2793T-015 to 280-100240, and the values range from 115, 608 to 119, 611.

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41321H101-080	461	4140-010	540	417-020B	40	420-040	12	420-818F	13	4206-015	708
41321H101-100	461	4140-012	540	417-020G	37	420-040G	37	420-820F	13	4206-020	708
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95032H100-010	477	95052A101-015	467				
95032H100-012	478	95052A101-020	467				
95032H100-015	478	95052A101-025	467				
95032H100-020	478	95052A101-030	467				
95032H100-025	478	95052A101-040	467				
95032H100-030	478	95052H100-005	478				
95032H100-040	478	95052H100-007	478				
95032H850-005	471	95052H100-010	478				
95032H850-007	471	95052H100-012	478				
95032H850-010	471	95052H100-015	478				
95032H850-012	471	95052H100-020	478				
95032H850-015	472	95052H100-025	478				
95032H850-020	472	95052H100-030	478				
95032J100-005	477	95052H100-040	478				
95032J100-007	477	95052H850-005	472				
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95032J100-012	478	95052H850-010	472				
95032J100-015	478	95052H850-012	472				
95032J100-020	478	95052H850-015	472				
95032J100-025	478	95052H850-020	472				
95032J100-030	478	95052J100-005	478				
95032J100-040	478	95052J100-007	478				
95032J850-005	472	95052J100-010	478				
95032J850-007	472	95052J100-012	478				
95032J850-010	472	95052J100-015	478				
95032J850-012	472	95052J100-020	478				
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95032K850-012	472	95052J850-010	472				
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95032K850-020	472	95052J850-015	472				
95033A101-025	468	95052J850-020	472				
95033A101-030	468	95052K850-005	472				
95033A101-040	468	95052K850-007	472				
95033H100-025	480	95052K850-010	472				
95033H100-030	480	95052K850-012	472				
95033H100-040	480	95052K850-015	472				
95033J100-025	480	95052K850-020	472				
95033J100-030	480	95053A101-025	468				
95033J100-040	480	95053A101-030	468				
95051A101-005	466	95053A101-040	468				
95051A101-007	466	95053H100-025	480				
95051A101-010	466	95053H100-030	480				
95051A101-012	466	95053H100-040	480				
95051A101-015	466	95053J100-025	480				
95051A101-020	466	95053J100-030	480				
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95051A101-040	466						
95051H100-005	476						
95051H100-007	476						
95051H100-010	476						
95051H100-012	476						
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95051H100-030	476						
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95051H850-007	470						
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95051H850-012	470						
95051H850-015	470						
95051H850-020	470						
95051J100-005	476						
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95051J100-010	476						
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95051J100-040	476						
95051J850-005	470						
95051J850-007	470						
95051J850-010	470						
95051J850-012	470						

## Appendix A - Basic Abbreviations Used in this Catalog



### Standard Abbreviations

CI	=	Cast Iron Pipe Size
CTS	=	Copper Tube Size
DWV	=	Drain, Waste & Vent
Fipt		
FPT	=	Female Iron Pipe Thread
GSK		
Gasket	=	Elastomer Gasket Sealed Connection
Grv		
Groove	=	Grooved End for Mechanical Coupling
IPS	=	Iron Pipe Size
INS		
Insert	=	Barbed Insert End
Mipt,		
MPT	=	Male Iron Pipe Thread
NPT	=	National Pipe Thread (alternate to above)
PIP	=	Plastic Irrigation Pipe
PSI	=	Pounds Per Square Inch
PSM	=	Plastic Sewer Main
SDR	=	Standard Dimension Ratio (pipe)
Soc		
Socket	=	Solvent Weld Socket
SPG		
Spig		
Spigot	=	Spigot End (pipe O.D. size)
SR Fipt	=	Special Reinforced Plastic Female Iron Pipe Thread

### DWV Specific Abbreviations

H		
HUB	=	Solvent Weld Socket
SPG	=	Spigot End (pipe O.D. size)
S&D	=	Sewer & Drain Pipe Size
SLIP	=	Trap End for Receiving Drain Tail Piece

### Metric Specific Abbreviations

BAR	=	4.5 psi
BSP	=	British Standard Pipe
Class 10	=	Pressure Rating 10 BAR at 23°C (145 psi at 73°F)
Class 12	=	Pressure Rating 12 BAR at 23°C (174 psi at 73°F)
d	=	Pipe O.D. in millimeters
DN	=	Diameter Nominal for Metric Fittings
Din	=	Deutsche Industrial Norm (German Standards)
JIS	=	Japanese Industrial Standard
MIPT	=	Male Iron Pipe Thread
NPR	=	Not Pressure Rated
PN7	=	Pressure Rating 7 BAR at 23°C (100 psi at 73°F)
PN16	=	Pressure Rating 16 BAR at 23°C (232 psi at 73°F)
SRBSP	=	Special Reinforced BSP Thread
FBSP	=	Female BSP Thread
MBSP	=	Male BSP Thread
mm	=	millimeter

### Packaging Codes

MC (or Mstr Ctn)	=	Master Carton (standard master quantity)
SP (or Std PK)	=	Standard Pack (standard box quantity)



## Appendix B - Applicable Industry Standards & Test Methods

Standards provide greater assurance of product performance and consistency, and are available to assist design engineers in system specification. The most frequently referenced industry standards for plastic piping systems are ASTM Standard Specifications and Practices. Along with ASTM Standards, additional product specifications and certifications form the basis of product conformance to which Spears® products are manufactured. Although not inclusive, the following list of internationally recognized standards, specifications, test methods and practices relate to PVC and CPVC thermoplastic piping products and related components.

### ASTM STANDARD SPECIFICATIONS

ASTM D1784	Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds
ASTM D1785	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120
ASTM D2241	Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure Rated Pipe (SDR Series)
ASTM D2466	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
ASTM D2464	Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2467	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2665	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2672	Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement
ASTM D2846	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems
ASTM D3139	Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals
ASTM D3311	Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
ASTM F438	Standard Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40
ASTM F439	Standard Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F441	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80
ASTM F442	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)
ASTM F437	Standard Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F477	Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
ASTM F493	Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings
ASTM F656	Standard Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings
ASTM F913	Standard Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe
ASTM F1498	Standard Specification for Taper Pipe Threads 60° for Thermoplastic Pipe and Fittings
ASTM F1866	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings
ASTM F2618	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems

### ASTM STANDARD TEST METHODS

ASTM D1598	Standard Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure
ASTM D1599	Standard Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe & Fittings
ASTM D2122	Standard Test Method for Determining Dimensions of Thermoplastic Pipe & Fittings
ASTM D2152	Standard Test Method for Adequacy of Fusion by Acetone Immersion
ASTM D2412	Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading
ASTM D2444	Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup
ASTM D2564	Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems
ASTM D2837	Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials
ASTM F610	Standard Test Method for Evaluating the Quality of Molded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique

### ASTM STANDARD PRACTICES

ASTM D2321	Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications
ASTM D2774	Standard Practice for Underground Installation of Thermoplastic Pressure Piping
ASTM D2855	Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings
ASTM F402	Standard Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastics Pipe and Fittings
ASTM F645	Standard Guide for Selection, Design, and Installation of Thermoplastic Water Pressure Systems
ASTM F690	Standard Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems
ASTM F1057	Standard Practice for Evaluating the Quality of Extruded Poly (Vinyl Chloride) (PVC) Pipe by the Heat Reversion Technique

## Appendix C - Product Approvals & Certifications



<b>NSF® International</b>	NSF® is an internationally recognized independent third party product testing laboratory and certification organization. NSF® provides a variety of product certifications. Although not inclusive, the following list those most applicable to Spears® products (see listings at <a href="http://www.nsf.org">www.nsf.org</a> ).
<b>NSF/ANSI Standard 14</b>	Plastics Piping System Components and Related Materials. NSF-14 is a consensus standard that enables comprehensive assessment of plumbing system products, materials, and ingredients. The assessment is for health effects, quality control, quality assurance, marking, material property requirements, long-term strength evaluation, and short-term product performance evaluation to various standards such as ASME, ASTM, ASSE, etc. NSF-14 Certified products have designated end use.
<b>End Use Certification Marks</b>	The following are typical certification marks applicable to various Spears® products:
<b>NSF-pw</b>	The product is manufactured for potable water application. It meets all applicable performance standards for a pressure rated application as required in NSF/ANSI Standard 14, and complies with NSF/ANSI Standard 61 for health effects.
<b>NSF-dwv</b>	The product complies with the applicable performance standards as required by NSF/ANSI Standard 14 for drain, waste, and vent applications. No health effects evaluation is required.
<b>NSF-cw</b>	The product meets the applicable performance standard as required by NSF/ANSI Standard 14 for corrosive waste applications. No health effects evaluation is required.
<b>NSF-61</b>	Products certified to NSF/ANSI Standard 61. They are evaluated for health effects only. They are not evaluated for the performance requirements of NSF/ANSI Standard 14.
<b>NSF-(end use) SE</b>	Certified Special Engineered (SE) products shall bear a Mark which indicates the end use application. The SE Mark is used for products for which there is not a recognized national performance standard.
<b>Canadian Certification Mark</b>	cNSF Mark demonstrates compliance to a Canadian Standard, while the cNSFus Mark indicates compliance to both Canadian and U.S. requirements. Inspectors and safety code officials in Canada look for product certification by an SCC-accredited certifier.
<b>Uniform Plumbing Code Certification</b>	NSF® U.P.Code Mark demonstrates product compliance with the Uniform Plumbing Code. While the U.P.Code Mark is not mandatory to demonstrate product code compliance, the code marking is more readily identifiable by inspectors in the field.
<b>NSF/ANSI Standard 61</b>	Drinking Water System Components – Health Effects. NSF- 61 is a consensus standard promulgated by NSF International. This standard enables in-depth assessment of a variety of drinking water system products and materials for health effects. This standard is used to evaluate a product for health effect concerns only. NSF/ANSI Standard 61 is narrow in its scope when compared to NSF/ANSI Standard 14 in respect to quality and performance. NSF conducts its own testing, review, and facility inspections when certifying products like PE and PEX. NSF/ANSI Standard 14 addresses health and performance, NSF/ANSI Standard 61 only addresses health effect concerns.
<b>NSF-61 Annex G</b>	Weighted Average Lead Content Evaluation Procedure to a 0.25% Lead Requirement. Certified product meets various states' low lead requirement, such as California's Health & Safety Code (Section 116875) commonly known as AB1953.
<b>ICC-ES-PMG</b>	The ICC-ES Plumbing, Mechanical and Fuel Gas (PMG) Listing Program provides independent third party approval where there is a nationally recognized standard for the product, but the codes do not cover in enough detail permitted uses of the product. Currently Spears® LabWaste™ CPVC Corrosive Waste Drainage System pipe and fittings are certified by ICC-ES-PMG for conformance to both the International Plumbing Code and the Uniform Plumbing Code under PMG-1018 (see listing at <a href="http://www.icc-es-pmg.org">www.icc-es-pmg.org</a> ).
<b>Underwriters Laboratories (UL)</b>	is a global independent third party product testing and certification organization. Currently, UL certifies Spears® FlameGuard® CPVC Fire Sprinkler Products to both UL 1821 for US markets and to ULC/ORD-C199P for Canadian markets, under the c-UL-us mark. UL is an NFPA recognized certification listing organization for CPVC Fire Sprinkler Products (see certifications at <a href="http://www.ul.com">www.ul.com</a> ).
<b>FM Global</b>	FM Approvals (formerly Factory Mutual Research) offers worldwide certification and testing services of industrial and commercial loss prevention products as an independent third party product testing and certification organization. Currently, FM certifies Spears® FlameGuard® CPVC Fire Sprinkler Products to FM 1635, Plastic Pipe & Fittings for Automatic Sprinkler Systems. FM is an NFPA recognized certification listing organization for CPVC Fire Sprinkler Products (see Approval Guide at <a href="http://www.fmglobal.com">www.fmglobal.com</a> ).
<b>Loss Prevention Certification Board (LPCB)</b>	is an independent, third-party approvals division of the BRE Global organization, that assesses and certifies fire and security systems and services against standards, such as BS, EN and LPS, developed in cooperation with manufacturers and insurers. Currently, LPCB certifies Spears® FlameGuard® CPVC Fire Sprinkler Products to LPS 1260, Plastic Pipe and Fittings for Use in Automatic Sprinkler Systems. LPCB is also the UKAS Certified Registrar of Spears® ISO 9001 Quality Management System. Approved manufacturers are listed in the LPCB Red Book (see <a href="http://www.redbooklive.com">www.redbooklive.com</a> ).
<b>American Bureau of Shipping (ABS)</b>	is a member of the International Association of Classification Societies (IACS) responsible for verifying that marine vessels and offshore structures comply with Rules that the society has established for design, construction and periodic survey. Classification and product use are specified under a Type Approval. Currently Spears® CPVC pipe, fittings and LabWaste™ pipe and fittings are specified under ABS Type Approval Certificate No. 10-HS539421-1-PDA (see Type Approval at <a href="http://www.eagle.org">www.eagle.org</a> )



## Appendix D - Recommendations for Installers & Users

Plastic piping systems should be ENGINEERED, INSTALLED, and OPERATED in accordance with ESTABLISHED DESIGN AND ENGINEERING STANDARDS AND PROCEDURES for plastic piping systems. Suitability for the intended service application should be determined by the installer and/or user prior to installation of a plastic piping system. PRIOR TO ASSEMBLY, all piping system components should be inspected for damage or irregularities. Mating components should be checked to assure that tolerances and engagements are compatible. Do not use any components that appear irregular or do not fit properly. Contact the appropriate manufacturer of the component product in question to determine usability. Consult all applicable codes and regulations for compliance prior to installation.

**SOLVENT WELD CONNECTIONS** - Use a quality grade of primer and solvent cement formulated for the type of connection, with the CORRECT SIZE APPLICATOR. Read and follow all of the solvent cement MANUFACTURER'S APPLICATION AND CURE TIME INSTRUCTIONS THOROUGHLY.

**BEFORE APPLYING PRIMER AND CEMENT**, appropriate safety precautions should be taken. Primer and Cement should be stored in the shade between 40°F and 110°F. Eliminate all ignition sources. Avoid breathing of vapors. Use only with adequate ventilation; explosion-proof general mechanical ventilation or local exhaust is recommended to maintain vapor concentrations below recommended exposure limits. In confined or partially enclosed areas, a NIOSH-approved organic vapor cartridge respirator with full face-piece is recommended. Containers should be kept tightly closed when not in use, and covered as much as possible when in use. Avoid frequent contact with skin; wearing PVA coated protective gloves and impervious apron are recommended. Avoid any contact with eyes; splash proof chemical goggles are recommended.

**THREADED CONNECTIONS** - Use a quality grade thread sealant. WARNING: SOME PIPE JOINT COMPOUNDS OR PTFE PASTES MAY CONTAIN SUBSTANCES THAT COULD CAUSE STRESS CRACKING TO PLASTIC. Spears® Manufacturing Company recommends the use of Spears® BLUE 75™ Thread Sealant which has been tested for compatibility with Spears® products. Please follow the sealant manufacturers' application/installation instructions. Choice of an appropriate thread sealant other than those listed above is at the discretion of the installer. 1 to 2 turns beyond FINGER TIGHT is generally all that is required to make a sound plastic threaded connection. Unnecessary OVER TIGHTENING will cause DAMAGE TO BOTH PIPE AND FITTING.

**NOTE:** DO NOT use any thread sealants on Spears® Gasket Sealed Threaded connections.

### IMPORTANT

**WATER HAMMER** - Spears® Manufacturing Company recommends that all PVC and CPVC plastic piping systems be designed and constructed to AVOID EXCESSIVE WATER HAMMER. Water hammer can cause damage, and failure to pipe, valves, and fittings within the piping system. PLEASE NOTE - When temperatures rise above 73°F, the tensile strength of thermoplastics decreases, thereby derating the pipe or fitting Maximum Internal Pressure. When temperatures fall below 73°F, the tensile strength of thermoplastics increases, however, the impact strength decreases. Maximum operating temperatures for PVC piping systems should not exceed 140°F. Maximum operating temperatures for CPVC pressure piping systems should not exceed 200°F. Special drainage systems such as Spears® LabWaste™ CPVC Corrosive Waste Drainage System may be used intermittently to 230° F for intermittent non-pressure laboratory drainage application - see LabWaste™ technical information. Spears® Manufacturing Company will not accept responsibility for damage or impairment of its products, or other consequential or incidental damages caused by misapplication, incorrect assembly, and/or exposure to harmful substances or conditions.

### NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GASES

WARNING: DO NOT USE ANY PVC OR CPVC THERMOPLASTIC PIPING PRODUCT OR SYSTEM, FOR DISTRIBUTION OR STORAGE OF COMPRESSED AIR OR GASES. THESE PRACTICES MAY RESULT IN EXPLOSIVE FRAGMENTATION OF SYSTEM PIPING AND COMPONENTS CAUSING SERIOUS OR FATAL BODILY INJURY. PVC and CPVC products MAY be used in certain low pressure (i.e. 3-5 psi) air handling applications of oil-free, compatible clean air. Contact Spears® Technical Services with application specifics for additional information.

Not all of the products listed in this price schedule are carried in Spears® Regional Distribution Center inventories. When ordering, please check with your servicing Regional Distribution Center for availability. ALL ORDERS FOR NON-STOCKED products are NON-CANCELABLE and NON-RETURNABLE.

**PRODUCTS IN THIS CATALOG ARE ONLY TO BE USED FOR THEIR INTENDED PURPOSE.**

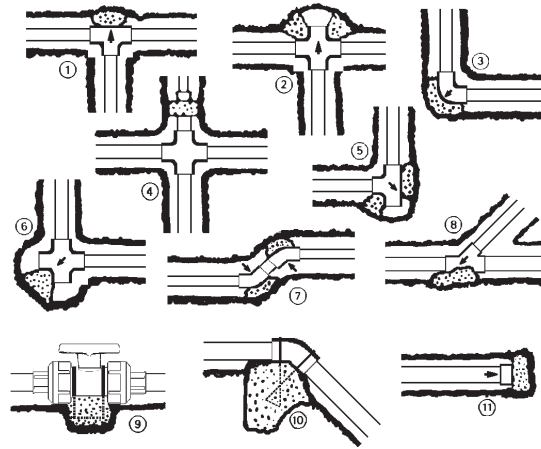


**THRUST BLOCKING**—Water under pressure exerts thrust forces in piping systems. Thrust blocking should be provided, as necessary, to prevent movement of pipe or appurtenances in response to thrust.

**Types Of Thrust Blocking:**

If thrusts due to high pressure are expected, anchor valves as below. At vertical bends anchor to resist outward thrusts.

1. Thru line connection, tee
2. Thru line connection, cross used as tee
3. Direction change, elbow
4. Change line size, reducer
5. Direction change, tee used as elbow
6. Direction change, cross used as elbow
7. Direction change
8. Thru line connection, wye
9. Valve anchor
10. Direction change vertical, bend anchor
11. End Caps (above or below ground)



**Thrust Blocking Is Required Wherever The Pipeline:**

- \* Changes direction (e.g., tees, bends, elbows and crosses)
- \* Changes size at its reducers
- \* Stops, as at dead ends
- \* Valves and hydrants, at which thrust develops when closed.

**Size And Type Of Thrust Blocking Depends On:**

- \* Maximum system pressure
- \* Pipe size
- \* Type and size of fittings or appurtenance
- \* Line profile (horizontal or vertical bends)
- \* Soil type



## Appendix E - Special Information on Fabricated Fittings

Except for fittings produced to ASTM F1866, Spears® Fabricated Fittings conform to Spears® Manufacturing Company Special Engineering Specifications.

Not all of the Fabricated Fittings listed in this price schedule are carried in Spears® Distribution Center inventories. When ordering Fabricated Fittings, please check your servicing Distribution Center for availability. ALL ORDERS FOR NON-STOCKED Fabricated Fittings are NON-CANCELABLE and NON-RETURNABLE.

18" and larger Fabricated Fittings are available upon request. Please contact your servicing Spears® Regional Distribution Center for pricing and availability.

All 15" Fabricated Fittings shown as Class 63 are PIP O.D. Reducing fittings are 15" PIP O.D. x specified IPS size. Plastic Irrigation Pipe (PIP) and Iron Pipe Size (IPS) are not the same.

### Pipe Dimension Reference Chart

Pipe Type O.D. Size SDR	LH PIP 91	80 PIP 51	100 PIP 41	125 PIP 32.5	CL 63 IPS 64	CL 100 IPS 41	SEWER PSM 35	CL 125 IPS 32.5	CL 160 IPS 26	CL 200 IPS 21	40 DWV IPS —	80 DWV IPS —	SCH 40 IPS —	SCH 80 IPS —	C-900 CI DR 18
4"	O.D.	4.130	4.130	4.130	4.130	4.500	4.500	4.215	4.500	4.500	4.500	4.500	4.500	4.500	4.800
	I.D.	4.000	3.968	3.928	3.876	4.360	4.280	3.89	4.224	4.154	4.072	3.998	3.786	3.998	4.22
	Wall PSI	.065 43	.081 80	.101 100	.127 125	.070 63	.110 100	0.125 117.5	.138 125	.173 160	.214 200	.237 100	.337 100	.237 220	.337 320
6"	O.D.	6.140	6.140	6.140	6.140	6.625	6.625	6.275	6.625	6.625	6.625	6.625	6.625	6.625	6.900
	I.D.	6.000	5.898	5.840	5.762	6.417	6.301	5.742	6.217	6.115	5.993	6.031	5.709	6.031	6.08
	Wall PSI	.070 43	.121 80	.150 100	.189 125	.104 63	.162 100	0.18 117.5	.204 125	.255 160	.316 200	.280 100	.432 100	.280 180	.432 280
8"	O.D.	8.160	8.160	8.160	8.160	8.625	8.625	8.4	8.625	8.625	8.625	8.625	8.625	8.625	9.050
	I.D.	7.984	7.840	7.762	7.658	8.355	8.205	7.665	8.095	7.961	7.805	7.943	7.565	7.943	7.97
	Wall PSI	.088 43	.160 80	.199 100	.251 125	.135 63	.210 100	.024 117.5	.265 125	.332 160	.410 200	.322 100	.500 100	.322 160	.500 250
10"	O.D.	10.200	10.200	10.200	10.200	10.750	10.750	10.5	10.750	10.750	10.750	10.750	10.750	10.750	11.100
	I.D.	9.980	9.800	9.702	9.572	10.414	10.226	9.563	10.088	9.924	9.748	9.976	9.492	9.976	9.78
	Wall PSI	.110 43	.200 80	.249 100	.314 125	.168 63	.262 100	0.3 117.5	.331 125	.413 160	.511 200	.365 100	.593 100	.365 140	.593 230
12"	O.D.	12.240	12.240	12.240	12.240	12.750	12.750	12.5	12.750	12.750	12.750	12.750	12.750	12.750	13.200
	I.D.	11.975	11.760	11.642	11.486	12.352	12.128	11.361	11.966	11.770	11.538	11.890	11.294	11.890	11.63
	Wall PSI	.132 43	.240 80	.299 100	.377 125	.199 63	.311 100	0.36 117.5	.392 125	.490 160	.606 200	.406 100	.687 100	.406 130	.687 230
14"	O.D.	14.280	14.280	14.280	14.280	*	*	*	*	14	*	14.000	14.000	14.000	15.3
	I.D.	14.000	13.720	13.584	13.402	*	*	*	*	12.86	*	13.072	12.410	13.072	13.48
	Wall PSI	.140 43	.280 80	.348 100	.439 125	*	*	*	*	0.538 160	*	.438 100	.750 100	.438 130	.750 220
15"	O.D.	15.300	15.300	15.300	15.300	*	*	15.3	*	*	*	*	*	*	*
	I.D.	14.970	14.700	14.550	14.358	*	*	13.898	*	*	*	*	*	*	*
	Wall PSI	.165 43	.300 80	.375 100	.471 125	*	*	0.44 117.5	*	*	*	*	*	*	*
16"	O.D.	*	*	*	*	*	*	*	*	16	*	16.000	16.000	16.000	17.4
	I.D.	*	*	*	*	*	*	*	*	14.696	*	14.940	14.214	14.940	15.33
	Wall PSI	*	*	*	*	*	*	*	*	0.615 160	*	.500 100	.843 100	.500 130	.843 220
18"	O.D.	18.360	18.701	18.701	18.701	*	18.000	18.701	*	18.000	18	18.000	18	18.000	19.5
	I.D.	17.964	17.967	17.789	17.551	*	17.122	17.629	*	16.616	*	16.808	16.014	16.808	17.83
	Wall PSI	.198 43	.367 80	.456 100	.575 125	*	.439 100	0.536 117.5	*	.692 160	*	0.562 100	.937 100	0.582 120	.937 220
20"	O.D.	20.400	*	*	*	*	20.000	*	*	20.000	20	20	20	20	21.6
	I.D.	19.962	*	*	*	*	19.026	*	*	18.462	*	18.863	17.814	18.863	19.03
	Wall PSI	.219 43	*	*	*	*	.487 100	*	*	.769 160	*	0.533 100	1.031 100	0.533 120	1.2 235
21"	O.D.	*	22.047	22.047	22.047	*	*	22.047	*	*	*	*	*	*	*
	I.D.	*	21.183	20.971	20.691	*	*	20.783	*	*	*	*	*	*	*
	Wall PSI	*	.432 80	.538 100	.678 125	*	*	0.632 117.5	*	*	*	*	*	*	*
24"	O.D.	*	24.803	24.803	24.803	*	24.000	24.8	*	24	24	24	24	24	25.800
	I.D.	*	23.831	23.593	23.277	*	22.748	23.381	*	22.043	*	22.54	21.418	22.54	23.73
	Wall PSI	*	.486 80	.605 100	.763 125	*	.585 100	0.711 117.5	*	0.923 160	*	0.687 100	1.218 100	0.687 120	1.218 210

\* Information Not Available

### GASKET INSTALLATION PROCEDURES

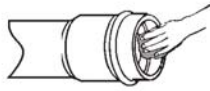


Figure 1



Figure 2



Figure 3

1. Gasket area and pipe or spigot end should be clean and free of dirt and debris. **DO NOT** attempt to remove the formed-in gasket — *Figure 1*.
2. Lubricate the entire sealing surface of the gasket and the pipe or spigot end with a light coating of a suitable lubricant. Make sure the pipe or spigot end has a proper bevel to insure ease of installation — *Figure 2*.
3. Push the pipe or spigot end into the gasket bell while maintaining a straight alignment. The proper insertion depth is equal to the total gasket bell length minus one-half inch (1/2") — *Figure 3*.



## Appendix F - Sustainable Solutions for Total Piping System Needs

### The GREEN Choice

#### NSF® Certified Clean, Safe & Reliable!

Did you know PVC & CPVC Piping has a lower Carbon Footprint than any alternative piping material? This makes Spears® PVC & CPVC Pipe & Fittings one of the most sustainable, versatile and cost effective materials available!

- **LOW ENERGY COST** – Costs Less To Produce Than Metals and Least of All Plastics
- **NO WASTE PROCESS** – Leftover Materials Reused In Process
- **CLEAN MANUFACTURING** – Energy Efficient & Safe Process
- **LONG LIFE** – Outlasts Copper, Steel or Cast Iron
- **SAVES FUEL** – Light Weight Requiring Less Energy For Distribution
- **CONSERVES ENERGY** – Lower Thermal Loss For Conservation
- **PROTECTS HEALTH** – Preserves Potable Water, Prevents Outside Contaminants
- **ECONOMICAL** – Lower Installed Cost
- **EASILY RECYCLED** & Safe in Landfills

For over 40 years Spears® commitment to environmentally responsible products provides One Source Pipe & Fitting System Component benefits surpassed by none!

- **Made In the U.S.A.** From Domestic PVC & CPVC Resins Selected For Best Processing, Blended & Compounded in the U.S.A.
- **Environmentally Friendly Processing** – Recycled Cooling Water, Proprietary Process Reduces Energy By Over 50% Compared to Typical Manufacturers
- **Continual Reclamation** & Use Of Leftover Materials Practiced For Over 40 years
- **Best Regional Distribution** For Availability & Lower Transportation Energy
- **Broadest Product Selection Available!**

### The Code Compliant Choice

#### NSF® Certified Performance & Compliance!

Spears® PVC & CPVC Pipe & Fitting systems components are independently certified for applicable performance and code compliance from one service . . .

- **NSF-pw** Performance Testing to Applicable ASTM Standards
- **NSF® Standard 61** Certified for Drinking Water
- **NSF-U.P.Code** Certified Products to the Uniform Plumbing Code

### Examples of Spears® NSF® Certified, Sustainable Systems

**Meet Your Plumbing Needs With NSF® Certified CTS & Schedule 80 CPVC Hot & Cold Water Distribution System Pipe & Fittings . . .**

Certified to NSF-U.P.Code, NSF® Standard 61 for use with Drinking Water, to ASTM D2846 for CPVC Hot & Cold Water Distribution Systems and to ASTM Standards for Schedule 80 CPVC Pipe & Fittings

- **Broadest Configuration Selection Available**
- **Accepted By All Model Codes & Most States** – Check Local Jurisdictions
- **ASTM E 84 Tested Water-Filled Pipe & Fittings For Return Air Plenums** – Meets 25/50 Flame & Smoke Limits
- **Fully Interchangeable & Warranted With All Certified Brands of CPVC System Components** – Beware of Misleading Warranty Claims and Exclusions by Other Producers

**Protect Life & Property With NSF® Certified FlameGuard™ CPVC Fire Sprinkler Piping Products . . .**

Certified to NSF® Standard 61 for use with Drinking Water systems and to applicable ASTM Standards for pipe and fittings. Approved by UL, FM & LPCB for use in NFPA 13, 13R and 13D Installations

- **Best Selection**
- **Can Be Intermixed With Other Approved CPVC Pipe & Fittings**
- **UL Approved For Use in Return Air Plenums**
- **Eliminates Microbiologically Influenced Corrosion (MIC)** – Destroyer of Metal Systems
- **Innovative Gasket Sealed Head Adapter** – Replaces Thread Sealants Containing Paste & Oils With Clean EPDM Gasket Seal For Lower Environmental Impact

**Handle Your Waste Disposal With NSF® Certified PVC Drainage Waste & Vent Systems . . .**

Certified to NSF-U.P.Code, to ASTM D 2665 for PVC Drainage Waste & Vent Systems and to ASTM F 1866, for PVC Schedule 40 Fabricated Drainage Waste & Vent Systems.

- **Largest Selection of DWV Fittings & Sizes Available**
- **Molded To 12"**
- **Fabricated To Any Size**
- **Can Be Intermixed With Other Approved DWV Pipe & Fittings**

**Think Green, Think Spears®!**

## Appendix G - Discount Codes



Description	Discount Code		Description	Discount Code	
PVC & CPVC Miscellaneous Specialty Valves	004		PVC Schedule 80 Fabricated Pressure Custom Fittings	084	
PVC Schedule 40 Black Fittings	011		PVC & CPVC Expansion Joints	085	
PVC Schedule 40 White Pool & Spa Specialty	015		PVC Gray Schedule 80 Molded Reinforced Fittings	086	
Isolation Joint Specialties	016		CPVC Gray Schedule 80 Molded Fittings thru 8"	090	
Flange Gasket/Bolt Kits	017		CPVC Gray Schedule 80 Molded Fittings 10" and Larger	091	
Irrigation Manifolds	019		CPVC Gray Schedule 80 Molded Reinforced Fittings	096	
Irrigation Specialty Products	020		CPVC Schedule 80 Fabricated Fittings	097	
Compression Couplings 1/2" - 6"	024		CPVC Schedule 80 Fabricated Custom Fittings	098	
Expansion-Repair Couplings 1/2" - 4"	025		PVC Gray Tank Adapters	100	
PVC Utility Swing & Spring Check Valves thru 8"	026		CPVC Gray Tank Adapters	101	
Swing Joint Riser Assemblies – Accessories	030		PVC Gray Y-Strainers 1/2" - 4"	102	
PVC EverTUFF® TURF™ Fittings Class 315	031		PVC Clear Y-Strainers 1/2" - 4"	103	
CPVC EverTUFF® TURF™ Fittings Class 315	032		CPVC Gray Y-Strainers 1/2" - 4"	104	
CPVC CTS Hot/Cold Water Pipe 1/2" - 2"	034		PVC Swing Check Valves 3/4" - 2"	108	
CPVC CTS Tan Fittings 1/2" - 2"	035		CPVC Swing Check Valves 3/4" - 2"	109	
PVC Schedule 40 & 80 Clear Pipe	038		PVC Swing Check Valves 2-1/2" and Larger	110	
PVC Schedule 40 & 80 Clear Molded Fittings	039		CPVC Swing Check Valves 2-1/2" and Larger	111	
PVC Schedule 40 White Molded Fittings thru 8"	040		PP Swing Check Valves 2-1/2" and Larger	112	
PVC Schedule 40 White Molded Fittings 10" & Larger	041		PP Swing Check Valves 3/4" - 2"	113	
UVR Tan Schedule 40 Molded Fittings	042		PE Schedule 80 & Poly Cut-Off Nipples	120	
PVC Gray Schedule 40 Molded Fittings Thru 8"	043		CPVC Gray Schedule 80 Nipples	121	
PVC Gray Schedule 40 Fittings 10" & Larger	044		PE Four-In-One Cut-Off Nipples	123	
PVC Gray Schedule 40 Fabricated Fittings	045		PVC Gray Molded Insert Fittings 3/8" - 4"	140	
PVC White Schedule 40 Molded Reinforced Fittings	046		PVC Gray Reinforced Insert Fittings 1/2" - 1"	142	
PVC White Schedule 40 Fabricated Fittings	047		CPVC Molded Insert Fittings 3/4" - 2"	143	
PVC Hot-Tap Saddles thru 1" - 6"	049		LabWaste™ CPVC Pipe 8" - 12"	157	
CPVC Hot-Tap Saddles thru 1" - 6"	050		LabWaste™ Pipe 14" & Larger	158	
PVC DWV Schedule 40 Molded thru 8"	051		LabWaste™ Fittings 8" & Larger	159	
PVC DWV Schedule 40 Molded 10" & Larger	052		LabWaste™ CPVC Fittings thru 6"	160	
Backwater Valve PVC 2" - 6"	055		LabWaste™ Pipe CPVC 1-1/2" - 6"	161	
PP Natural Schedule 80 SR Threaded Fittings thru 2"	060		LabWaste™ CPVC Drain & Accessories	169	
PP Black Schedule 80 SR Threaded Fittings thru 2"	061		LabWaste™ Tools	170	
Low-Extractable Solvent Cement	063		LabWaste™ Mechanical Couplings	171	
Schedule 80 Low-Extractable Pipe 1/2" - 6"	064		PVC Metric Molded Standard Fittings	190	
Schedule 80 Low-Extractable Fittings 1/2" - 6"	065		PVC Metric Molded 280mm & Larger	191	
Low-Extractable Clear Valves 1/2" - 4"	066		CPVC Metric Molded Standard Fittings	192	
FlameGuard® CPVC Fittings 3/4" - 3"	070		PVC Imperial (BSP) Molded Fittings - White	195	
FlameGuard® CPVC Pipe 3/4" - 3"	071		PVC Imperial (BSP) Molded Fittings - Gray	196	
FlameGuard® Solvent Accessories General Products	073		PVC Gray Transition Unions	197	
FlameGuard® CPVC Molded w/Brass Inserts	076		PVC Gate Valves thru 2"	200	
FlameGuard® CPVC Custom Fittings	079		PVC Gate Valves 2-1/2" & Larger	201	
PVC Gray Schedule 80 Molded Fittings thru 8"	080		CPVC Gate Valves thru 2"	202	
PVC Gray Schedule 80 Molded Fittings 10" & Larger	081		CPVC Gate Valves 2-1/2" & Larger	203	
PVC Gray Schedule 80 Fabricated Pressure Fittings	083		PVC Ball Valves Thru 2"	204	



## Appendix G - Discount Codes

Description	Discount Code	
PVC Ball Valves 2-1/2" & Larger	205	
PVC Metric Gate Valves thru 63mm	208	
CPVC Metric Gate Valves thru 63mm	209	
PVC Compact Ball Valves thru 2"	210	
PVC Compact Ball Valves 3" - 6"	211	
CPVC Compact Ball Valves thru 2"	212	
CPVC Compact Ball Valves 3" - 6"	213	
PVC Utility Ball Valves 2-1/2" - 6"	214	
PVC Utility Ball Valves thru 2"	215	
CPVC Utility Ball Valves thru 2"	216	
CPVC CTS Valves 1/2" - 2"	217	
PVC Lab & Needle Valves 1/4" - 1/2"	218	
CPVC & PP Lab & Needle Valves 1/4" - 1/2"	219	
PVC Compact Ball Valves thru 4"	220	
PVC Compact Ball Valves 6" (Venturied)	221	
CPVC Compact Ball Valves thru 4"	222	
CPVC Compact Ball Valves 6" (Venturied)	223	
PVC Metric True Union Ball Check Valves thru 110mm	228	
CPVC Metric True Union Ball Check Valves thru 110mm	229	
PVC True Union Ball Valves thru 4"	230	
PVC True Union Ball Valves thru 6" (Venturied)	231	
CPVC True Union Ball Valves thru thru 4"	232	
CPVC True Union Ball Valves thru 6" (Venturied)	233	
PVC Metric True Union Ball Valves thru 110mm	238	
CPVC Metric True Union Ball Valves 110mm	239	
PVC Single Entry Ball Valves thru 4"	240	
PVC Butterfly Valves thru 12"	250	
PVC Butterfly Valves 14" & Larger	251	
CPVC Butterfly Valves thru 12"	252	
CPVC Butterfly Valves 14" & Larger	253	
High Purity Butterfly Valves	254	
PP Butterfly Valves thru 12"	256	
PP Butterfly Valves 14" and Larger	257	
PVC Butterfly Pool Valves thru 8" Manual	260	
PVC Butterfly Pool Valves thru 12" Gear Operated	261	
PVC Tee Valves	263	
CPVC Tee Valves	264	
PVC Diaphragm Valves thru 2"	270	
PVC Diaphragm Valves 2-1/2" and Larger	271	
CPVC Diaphragm Valves thru 2"	272	
CPVC Diaphragm Valves 2-1/2" and Larger	273	
PVC Metric Diaphragm Valves thru 63mm	274	
CPVC Metric Diaphragm Valves thru 63mm	276	
PP Diaphragm Valves thru 2"	280	

Description	Discount Code	
PP Diaphragm Valves 2-1/2" and Larger	281	
PVC Butterfly Check Valves 2" and Larger	289	
CPVC Butterfly Check Valves 2" and Larger	290	
PVC Tee Filters & Basket Strainers	295	
CPVC Tee Filters	296	
CPVC Basket Strainers	297	
Actuation, Accessories, Components	298	
Valves, Accessories, Repair Kits, Components	299	
Low Head (SDR91) Fabricated Fittings	300	
Low Head Fabricated Risers & Accessories	301	
PVC Low Head (SDR91) Custom Fittings	309	
80# PIP (SDR51) Fabricated Fittings	310	
PVC 80# PIP (SDR51) Fabricated Custom Fittings	319	
100# PIP (SDR41) Fabricated Fittings	320	
PVC 100# PIP (SDR41) Fabricated Custom Fittings	329	
125# PIP x PIP (SDR 32.5) Fabricated Fittings	330	
PVC 125# PIP x PIP (SDR32.5) Fabricated Fittings	339	
Class 63 IPS (SDR64) Fabricated Fittings	340	
Class 100 IPS (SDR41) Fabricated Fittings	350	
Class 125 IPS (SD432.5) Fabricated Fittings	360	
PVC Class 125 Molded Fittings 10" & Larger	361	
PVC Class 125 IPS (SDR32.5) Fabricated Custom Fittings	369	
Class 160 IPS (SDR26) Fabricated Fittings	370	
Class 200 IPS (SDR26) Fabricated Fittings	380	
Schedule 40 DWV/Low Pressure Fabricated Fittings	390	
PVC Schedule 40 Fabricated Pipe Extenders	392	
PVC Schedule 80 Fabricated Pipe Extenders	394	
PVC Schedule 40 DWV/Low Pressure Custom Fittings	399	
Schedule 80 DWV/Low Pressure Fabricated Fittings	400	
PVC Fabricated Duct Fittings	430	
CPVC Fabricated Duct Fittings	432	
PVC Fabricated Duct Cold Rolled Pipe	434	
CPVC Fabricated Cold Rolled Pipe	435	
Double Containment Pressure	470	
Electro Actuated Compact 2000 Ball Valves PVC thru 2"	496	
Electro Actuated Compact 2000 Ball Valves CPVC thru 2"	498	
Electro Actuated True Union 2000 Standard & Industrial Ball Valves PVC thru 6"	500	
Electro Actuated True Union 2000 Standard & Industrial Ball Valves CPVC thru 6"	502	
Premium Actuated Standard Butterfly Valve - Electric PVC thru 12"	510	
Premium Actuated Standard Butterfly Valve - Electric CPVC thru 12"	512	
Premium Actuated Standard Butterfly Valve - Electric PP thru 24"	514	
Premium Actuated Diaphragm Valves - Electric PVC thru 8"	520	
Premium Actuated Diaphragm Valves - Electric CPVC thru 4"	522	
Premium Actuated Diaphragm Valves - Electric PP thru 4"	524	



## Appendix G - Discount Codes



Description	Discount Code		Description	Discount Code	
Premium Actuated True Union 2000 Industrial Ball Valves - Pneumatic PVC thru 6"	530		Low-Extractable Gauge Guards	623	
Premium Actuated True Union 2000 Industrial Ball Valves - Pneumatic CPVC thru 6"	532		PVC Gauge Guards	624	
Premium Actuated Standard Butterfly Valves - Pneumatic PVC thru 12"	540		CPVC Gauge Guards	625	
Premium Actuated Standard Butterfly Valves - Pneumatic CPVC thru 12"	542		PP Gauge Guards	626	
Premium Actuated Standard Butterfly Valves - Pneumatic PP thru 24"	544		PVC Wye Check Valves 1/2" - 4"	627	
Premium Actuated Diaphragm Valves - Pneumatic PVC thru 8"	550		PVC Clear Wye Check Valves 1/2" - 4"	628	
Premium Actuated Diaphragm Valves - Pneumatic CPVC thru 4"	552		CPVC Wye Check Valves 1/2" - 4"	629	
Premium Actuated Diaphragm Valves - Pneumatic PP thru 4"	554		CTS Cement	701	
PVC True Union 2000 Industrial Ball Check Valves 6"	558		Low-Extractable Cement	702	
CPVC True Union 2000 Industrial Ball Check Valves 6"	559		Fire Sprinkler Cement	703	
PVC True Union 2000 Industrial Ball Valves 1/2" thru 2"	600		LabWaste™ Cement	704	
PVC True Union 2000 Industrial Ball Valves 2-1/2" thru 4"	601		PVC Regular/Medium Cement	705	
CPVC True Union 2000 Industrial Ball Valves 1/2" thru 2"	602		PVC Heavy/X-Heavy Cement	706	
CPVC True Union 2000 Industrial Ball Valves 2-1/2" thru 4"	603		Gray/CPVC Cement	707	
PVC True Union 2000 Industrial Ball Check Valves 1/2" thru 2"	604		ABS Cement	708	
PVC True Union 2000 Industrial Ball Check Valves 2-1/2" thru 4"	605		Primers & Cleaners	709	
CPVC True Union 2000 Industrial Ball Check Valves 1/2" thru 2"	606		Cements & Primers Accessories	710	
CPVC True Union 2000 Industrial Ball Check Valves 2-1/2" thru 4"	607		PVC Clear Pipe Distribution – Sales	742	
PVC True Union 2000 Standard Ball Valves 1/2" thru 2"	608		PVC Pipe Distribution – Sales	744	
PVC True Union 2000 Standard Ball Valves 2-1/2" thru 4"	609		CPVC Pipe Distribution – Sales	745	
CPVC True Union 2000 Standard Ball Valves 1/2" thru 2"	610		PVC Duct Pipe Distribution – Sales	748	
CPVC True Union 2000 Standard Ball Valves 2-1/2" thru 4"	611		CPVC Duct Pipe Distribution – Sales	749	
PVC True Union 2000 Industrial Ball Valves 6"	612		PVC White Repair Extender Fittings	894	
CPVC True Union 2000 Industrial Ball Valves 6"	613		Blue 75™ Thread Sealant	895	
PVC Horizontal & Vertical 3-Way Diverter Ball Valves 1/2" - 4"	615		CPVC Industrial EverTUFF® Solvent Cement	896	
CPVC Horizontal & Vertical 3-Way Diverter Ball Valves 1/2" - 4"	617		General Buyout Molding Manufacturing	901	
PVC Globe Standard & Wye Valves 1/2" - 4"	620		PVC Duct Distribution – Sales	948	
PVC Clear Globe Wye Valves 1/2" - 4"	621		CPVC Duct Distribution – Sales	949	
CPVC Globe Standard & Wye Valves 1/2" - 4"	622				



## Limited Lifetime Warranty



Except as otherwise specified for certain products, mandated by law or herein provided, Spears® Manufacturing Company ("Company") warrants Standard Catalog Products ("Products") which have been directly manufactured by them to be free from defects in material and workmanship for as long as the original intended end user of the Products ("End User") retains ownership and possession of the Products and complies with this Warranty ("Warranty Period"). Each other person or entity acquiring or employing the Products, including buyers, contractors and installers ("Buyer") and End Users ("Buyer/End User") agrees that this Warranty shall be effective only during the Warranty Period so long as the Products are used solely for the normal purposes for which they are intended and in conformance with industry established standards, engineering, installation, operating, and maintenance specifications, recommendations and instructions including explicit instructions by the Company; the Products are properly installed, operated and used, and have not been modified; and all the other terms of this Warranty are complied with. Any violation thereof shall void this Warranty and relieve Company from all obligations arising from this Warranty and the Products.

Upon receipt or discovery of any Products that appear questionable or defective each Buyer/End User shall promptly inspect and return any such Product to the Company at 15853 Olden Street, Sylmar, California 91342, accompanied by a letter stating the nature of any problems. If the Products are determined by Company to be defective in materials or workmanship directly provided by Company, Company, at its sole option, may either repair or replace the defective Products, or reimburse applicable Buyer/End User for the cost of such Products. The applicable Buyer/End User shall bear all applicable shipping costs. THIS SHALL BE BUYERS/END USERS' SOLE REMEDY. EACH BUYER/END USER AGREES THAT COMPANY WILL NOT BE RESPONSIBLE FOR ANY OTHER OBLIGATIONS RELATING TO THE PRODUCTS, INCLUDING ANY OTHER MATERIALS OR LABOR COSTS, LOSS OF USE OR ANY OTHER ITEM OR FOR ANY DELAYS IN COMPLYING WITH THIS WARRANTY BEYOND COMPANY'S REASONABLE CONTROL.

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It is the policy and objective of Spears® Manufacturing Company to produce a superior quality product suitable for its intended use, with regard to functionality, structural integrity and conformance to established industry standards and practices. It is the commitment of this Company to do so in a manner which provides consistency of product quality, optimum availability, and superior customer service, while maintaining efficiency of operations and profitability necessary to perpetuate product improvement and customer satisfaction. Furthermore, it is recognized that the attainment of these objectives is the responsibility of all Company operations and personnel according to their respective functions.

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# Watch for NEW PRODUCT SUPPLEMENTS from Spears® Innovation and Technology



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