



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).

FKM — Fluorocarbon elastomer

Used in O-ring seals, FKM exhibits a very broad range of chemical resistance, including petroleum oils, di-ester based lubricants, silicate fluids and greases, halogenated hydrocarbons and mineral acids. FKM is not recommended for ketones, amines, anhydrous ammonia, hot hydrofluoric or chlorosulfonic acids or automotive brake fluids. The maximum recommended service temperature of FKM 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.

Size Range:	20mm through 63mm socket, actual "d" 1/2" through 2" threaded
Sockets:	ISO 727
Threads - BSP:	ISO 7/1
Laying Lengths:	ISO 264
Pressure Rating:	PN16 = 16 BAR at 23°C (232 psi at 73°F)

PN10 (CLASS 10/12) PVC METRIC SOCKET FITTINGS (PG 190)

Injection Molded.

Size Range:	160mm and 225mm socket, actual "d" 73°F
Sockets:	ISO 727 diameters (ASTM D 2467 socket length)
Pressure Rating:	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.

Size Range:	3/4" through 3" socket x threaded, nominal
Sockets:	Iron Pipe Size (IPS) to ASTM D 2466
Threads - BSP:	ISO 7/1
Pressure Rating:	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.

Size Range:	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"
Sockets:	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)
Threads:	NPT: ASTM F 1498 BSP: ISO 7/1
Pressure Rating:	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)

Size Range:	20mm through 110mm socket, actual "d" 1/2" through 2" BSP threaded
Sockets:	ISO 727 diameters (ASTM D 2467 socket length)
Threads - BSP:	ISO 7/1
Pressure Rating:	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)

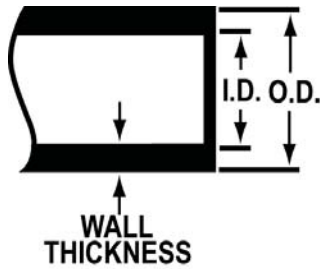
GATE VALVES (PG 208/209)

Size Range:	20mm through 63mm socket, actual "d" 1/2" through 2" BSP threaded
Sockets:	ISO 727 diameters (ASTM 2467 socket length)
Threads - BSP:	ISO 7/1
Pressure Rating:	13.8 BAR at 23°C (200 psi at 73°F)



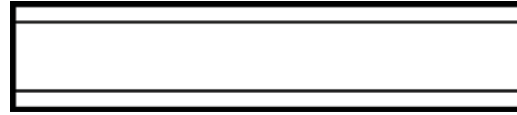
Metric Fittings & Valves
PVC & CPVC Metric Fittings, Unions & Valves

SCHEDULE 40 & SCHEDULE 80 PIPE DIMENSIONS
ASTM STANDARD D 1785



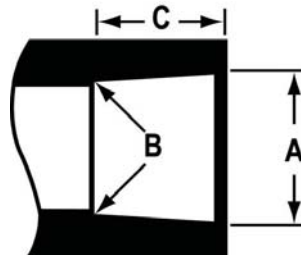
Nominal Pipe Size (inch)	Mean Outside Diameter (inch)	O.D. Tolerance (inch)	Minimum Wall Thickness (inch)	
			Schedule 40	Schedule 80
1/2	0.840	± 0.004	0.109	0.147
3/4	1.050	± 0.004	0.113	0.154
1	1.315	± 0.005	0.133	0.179
1-1/4	1.660	± 0.005	0.140	0.191
1-1/2	1.900	± 0.006	0.145	0.200
2	2.375	± 0.006	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

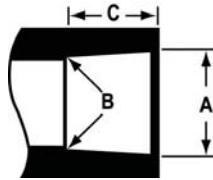


Nominal Size (inch)	Diameter			Schedule 40 Socket Length Minimum C	Schedule 80 Socket Length Minimum C
	Entrance A	Bottom B	Tolerance (inch)		
1/2	0.848	0.836	± 0.004	0.688	0.875
3/4	1.058	1.046	± 0.004	0.719	1.000
1	1.325	1.310	± 0.005	0.875	1.125
1-1/4	1.670	1.655	± 0.005	0.938	1.250
1-1/2	1.912	1.894	± 0.006	1.094	1.375
2	2.387	2.369	± 0.006	1.156	1.500
2-1/2	2.889	2.868	± 0.007	1.750	1.750
3	3.516	3.492	± 0.008	1.875	1.875
4	4.518	4.491	± 0.009	2.000	2.250
6	6.647	6.614	± 0.011	3.000	3.000
8	8.655	8.610	± 0.015	4.000	4.000
10	10.780	10.735	± 0.015	5.000	5.000
12	12.780	12.735	± 0.015	6.000	6.000

Metric Fittings & Valves
PVC & CPVC Metric Fittings, Unions & Valves

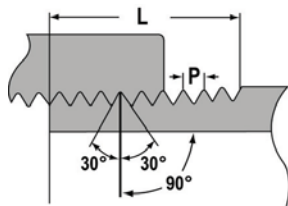


PVC METRIC FABRICATED FITTINGS BASIC SOCKET DIMENSIONS



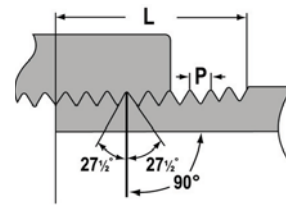
Size	Socket Entrance A		Tolerance ±		Socket Bottom B		Tolerance ±		C Socket Depth (Minimum)	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
110mm	4.346	110.39	0.015	0.38	4.316	109.63	0.015	0.38	2.500	63.50
125mm	4.934	125.32	0.016	0.41	4.930	125.22	0.016	0.41	2.750	69.85
160mm	6.319	160.50	0.020	0.51	6.270	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	Actual O.D.		Designation	Threads per inch	Designation	Threads per 25.4mm
				inches	inches	mm				
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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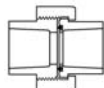
PVC TRANSITION COUPLING
JIS Socket (mm) x ASTM Socket (in)



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

8229-016	16 DN X 1/2	25	150	197	5.98
8229-020	20 DN X 3/4	25	150	197	8.09
8229-025	25 DN X 1	20	160	197	8.32
8229-030	30 DN X 1-1/4	20	0	197	12.67
8229-040	40 DN X 1-1/2	10	0	197	13.66
8229-050	50 DN X 2	10	0	197	14.67

PVC UNION FKM
Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

657-020	20 d	10	60	190	12.26
657-025	25 d	10	60	190	15.58
657-032	32 d	10	40	190	17.77

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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PVC UNION FKM (continued)

Socket

657-040	40 d	5	20	190	35.31
657-050	50 d	5	0	190	39.99
657-063	63 d	5	0	190	54.21

PVC UNION EPDM
Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

697-020	20 d	10	60	190	12.08
697-025	25 d	10	60	190	15.38
697-032	32 d	10	40	190	17.60
697-040	40 d	5	20	190	34.89
697-050	50 d	5	0	190	39.48
697-063	63 d	5	0	190	53.57

PN16 CPVC Metric Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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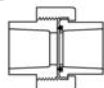
CPVC TRANSITION COUPLING
JIS Socket (mm) x ASTM Socket (in)



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

8229-016C	16 DN X 1/2	25	150	197	6.38
8229-020C	20 DN X 3/4	25	150	197	8.92
8229-025C	25 DN X 1	20	160	197	12.01
8229-030C	30 DN X 1-1/4	20	0	197	17.99
8229-040C	40 DN X 1-1/2	10	0	197	22.64
8229-050C	50 DN X 2	10	0	197	26.32

CPVC UNION FKM
Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

657-020C	20 d	10	60	192	27.38
657-025C	25 d	10	60	192	28.60
657-032C	32 d	10	40	192	34.33
657-040C	40 d	5	20	192	69.46
657-050C	50 d	5	0	192	70.73
657-063C	63 d	5	0	192	117.24

CPVC UNION EPDM
Socket



PN 16 - 232 psi Pressure Rating at 23°C (73°F)

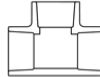
697-020C	20 d	10	60	192	27.29
697-025C	25 d	10	40	192	28.26
697-032C	32 d	10	40	192	33.86
697-040C	40 d	5	20	192	68.57
697-050C	50 d	5	0	192	69.87
697-063C	63 d	5	0	192	115.80

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	160 d	4	0	190	225.66
6201-080	225 d	2	0	190	523.37
6201-160040	160 d X 4	2	0	190	225.66
601-280	280 d	1	0	191	1729.11

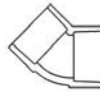
PVC 90° ELL
Socket



PN 10

6206-060	160 d	4	0	190	134.19
6206-080	225 d	2	0	190	369.86
606-280	280 d	1	0	191	1655.26

PVC 45° ELL
Socket



PN 10

6217-060	160 d	5	0	190	161.26
6217-080	225 d	2	0	190	349.63
617-280	280 d	2	0	191	921.33

PVC REDUCER BUSHING
Spigot x Socket



PN 10

637-225160	225 X 160 d	3	0	190	216.89
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PVC CAP
Socket



PN 10

6247-060	160 d	4	0	190	261.68
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CPVC WYE
Socket



PN 10

6275-160110C	160 d X 110 d	5	0	192	635.33
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PVC FLANGE* Van Stone Style
ASTM Socket x Multi-bolt Pattern Ring



150 psi

M854-020	2	10	0	080	30.14
M854-060	6	5	0	080	102.36
M854-080	8	2	0	080	166.68

* 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	2	10	0	080	30.37
M856-060	6	4	0	080	103.20
M856-080	8	2	0	080	167.94

* 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.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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PVC FLANGE* Van Stone Style
ASTM Socket x Table D&E Drilling



150 psi

854-030DE	3"/80 nom.	10	0	080	51.44
854-040DE	4"/110 nom.	5	0	080	65.07

* 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	3"/80 nom.	10	0	080	51.85
856-040DE	4"/110 nom.	10	0	080	65.61

* 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	3"/80 nom.	10	0	080	51.44
854-040DIN	4"/110 nom.	5	0	080	65.07

* 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	3"/80 nom.	10	0	080	51.85
856-040DIN	4"/110 nom.	5	0	080	65.61

* 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	160 d	5	0	190	102.36
6254-200	200 d	2	0	190	166.68
6254-225	225 d	2	0	190	166.68
6254-280	280 d	2	0	191	215.79

* 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	1.64
302-010	1	50	0	195	3.04
302-131	1X3/4	50	0	195	3.04
302-211	1-1/2X1	25	0	195	6.31
302-249	2X1	10	0	195	7.94

PVC WHITE 90° ELL
ASTM Socket x FBSP



SCH 40

307-007	3/4	50	0	195	.92
307-010	1	50	0	195	1.72
307-131	1X3/4	50	0	195	2.64
307-211	1-1/2X1	25	0	195	6.39

HDPE BLACK 90° STREET ELL
MBSP x FBSP



N.P.R.

M312-010	1	50	0	195	3.69
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PVC WHITE RISER EXTENSION
MBSP x FBSP



SCH 40

334-007	3/4	50	400	195	1.98
334-010	1	50	0	195	2.47

PVC WHITE FEMALE ADAPTER
ASTM Socket x FBSP



SCH 40

335-010	1	50	0	195	1.06
335-012	1-1/4	25	0	195	1.64
335-015	1-1/2	25	0	195	1.88
335-020	2	10	0	195	2.53

PVC WHITE MALE ADAPTER
MBSP x ASTM Socket



SCH 40

336-005	1/2	50	300	195	.58
336-007	3/4	50	400	195	.64
336-010	1	50	300	195	1.16
336-012	1-1/4	25	200	195	1.41
336-015	1-1/2	25	0	195	1.88
336-020	2	25	0	195	2.47
336-030	3	10	0	195	10.67
336-131	1X3/4	50	400	195	3.54

PVC WHITE FEMALE ADAPTER
ASTM Spigot x FBSP



SCH 40

378-010	1	50	0	195	1.62
378-015	1-1/2	20	0	195	2.62
378-020	2	20	0	195	3.85

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	3.40
302-012G	1-1/4	25	0	196	5.40
302-211G	1-1/2X1	25	0	196	6.99
302-249G	2X1	10	0	196	8.82

PVC GRAY FEMALE ADAPTER
ASTM Socket x FBSP



SCH 40

335-010G	1	50	0	196	1.19
335-012G	1-1/4	25	0	196	1.81
335-015G	1-1/2	25	0	196	2.12
335-020G	2	10	0	196	2.83
335-025G	2-1/2	5	0	196	7.13

PVC GRAY MALE ADAPTER
MBSP x ASTM Socket



SCH 40

336-010G	1	50	300	196	1.27
336-012G	1-1/4	25	200	196	1.54
336-015G	1-1/2	25	0	196	2.12
336-020G	2	25	0	196	2.74
336-025G	2-1/2	5	0	196	8.09
336-030G	3	10	0	196	11.87
336-040G	4	5	0	196	15.11

PVC GRAY FEMALE ADAPTER
ASTM Spigot x FBSP



378-010G	1	50	0	196	1.71
378-015G	1-1/2	25	0	196	2.92
378-020G	2	20	0	196	4.28

PVC GRAY TAKE-OFF ADAPTER
Spigot x MBSP



SCH 40

361-005G	1/2	50	300	196	1.02
361-007G	3/4	50	400	196	1.16
361-010G	1	50	0	196	2.00
361-012G	1-1/4	25	100	196	2.47
361-015G	1-1/2	25	0	196	3.31
361-020G	2	25	0	196	4.07

PVC GRAY REDUCING TAKE-OFF ADAPTER
Spigot/Socket x MBSP



SCH 40

361-168G	1-1/4X1X1	25	100	196	2.47
361-212G	1-1/2X1-1/4X1-1/4	25	0	196	3.31
361-251G	2X1-1/2X1-1/2	25	0	196	4.07

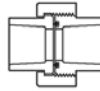
Metric Fittings & Valves PVC Transition Unions



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 FKM O-ring Seal

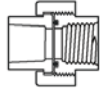


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8657-020	20 d X 1/2	10	60	197	11.01
8657-025	25 d X 3/4	10	40	197	14.02
8657-032	32 d X 1	10	40	197	16.00
8657-040	40 d X 1-1/4	10	0	197	31.78
8657-050	50 d X 1-1/2	10	0	197	35.99
8657-063	63 d X 2	5	0	197	48.81
8657-090	90 d X 3	5	0	197	90.85
8657-110	110 d X 4	4	0	197	126.54

PVC Transition Union

DIN (mm) Soc x ASTM (in.) Fipt with FKM O-ring Seal

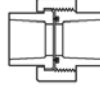


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8658-020	20 d X 1/2	10	60	197	13.45
8658-025	25 d X 3/4	20	80	197	18.80
8658-032	32 d X 1	15	90	197	25.01
8658-040	40 d X 1-1/4	10	0	197	47.76
8658-050	50 d X 1-1/2	10	0	197	59.12
8658-063	63 d X 2	5	0	197	90.96
8658-090	90 d X 3	5	0	197	214.72
8658-110	110 d X 4	4	0	197	246.77

PVC Transition Union

DIN (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal

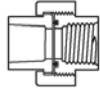


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8697-020	20 d X 1/2	20	240	197	10.87
8697-025	25 d X 3/4	10	60	197	13.85
8697-032	32 d X 1	15	90	197	15.84
8697-040	40 d X 1-1/4	10	0	197	31.40
8697-050	50 d X 1-1/2	10	0	197	35.55
8697-063	63 d X 2	5	0	197	48.21
8697-090	90 d X 3	5	0	197	89.72
8697-110	110 d X 4	4	0	197	124.08

PVC Transition Union

DIN (mm) Soc x ASTM (in.) Fipt with EPDM O-ring Seal

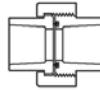


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8698-020	20 d X 1/2	20	160	197	13.26
8698-025	25 d X 3/4	20	80	197	18.56
8698-032	32 d X 1	15	90	197	24.69
8698-040	40 d X 1-1/4	10	0	197	46.94
8698-050	50 d X 1-1/2	10	0	197	58.38
8698-063	63 d X 2	5	0	197	89.84
8698-090	90 d X 3	5	0	197	212.03
8698-110	110 d X 4	4	0	197	243.45

PVC Transition Union

JIS (mm) Soc x ASTM (in.) Soc with FKM O-ring Seal



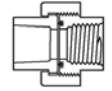
235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8257-016	16 DN X 1/2	20	160	197	11.01
8257-020	20 DN X 3/4	10	40	197	14.02
8257-025	25 DN X 1	15	90	197	16.00
8257-030	30 DN X 1-1/4	10	0	197	31.78
8257-040	40 DN X 1-1/2	10	0	197	35.99
8257-050	50 DN X 2	5	0	197	48.81
8257-075	75 DN X 3	5	0	197	90.85
8257-100	100 DN X 4	4	0	197	126.54

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 FKM O-ring Seal

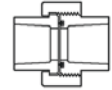


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8258-016	16 DN X 1/2	20	160	197	13.45
8258-020	20 DN X 3/4	20	80	197	18.80
8258-025	25 DN X 1	15	90	197	25.01
8258-030	30 DN X 1-1/4	10	0	197	47.76
8258-040	40 DN X 1-1/2	10	0	197	59.12
8258-050	50 DN X 2	5	0	197	90.96
8258-075	75 DN X 3	5	0	197	214.72
8258-100	100 DN X 4	4	0	197	246.77

PVC Transition Union

JIS (mm) Soc x ASTM (in.) Soc with EPDM O-ring Seal

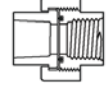


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8297-016	16 DN X 1/2	20	160	197	10.87
8297-020	20 DN X 3/4	20	80	197	13.85
8297-025	25 DN X 1	15	90	197	15.84
8297-030	30 DN X 1-1/4	10	0	197	31.40
8297-040	40 DN X 1-1/2	10	0	197	35.55
8297-050	50 DN X 2	5	0	197	48.21
8297-075	75 DN X 3	5	0	197	89.72
8297-100	100 DN X 4	4	0	197	124.08

PVC Transition Union

JIS (mm) Soc x ASTM (in.) Fipt with EPDM O-ring Seal

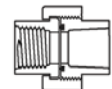


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8298-016	16 DN X 1/2	20	160	197	13.26
8298-020	20 DN X 3/4	20	80	197	18.56
8298-025	25 DN X 1	15	90	197	24.69
8298-030	30 DN X 1-1/4	10	0	197	46.94
8298-040	40 DN X 1-1/2	10	0	197	58.38
8298-050	50 DN X 2	5	0	197	89.84
8298-075	75 DN X 3	5	0	197	212.03
8298-100	100 DN X 4	4	0	197	243.45

PVC Transition Union

BSP Thread (in.) x ASTM (in.) Soc with FKM O-ring Seal

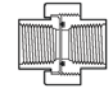


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8359-005	1/2	20	160	197	13.45
8359-007	3/4	20	80	197	18.80
8359-010	1	15	90	197	25.01
8359-012	1-1/4	10	0	197	47.76
8359-015	1-1/2	10	0	197	59.12
8359-020	2	5	0	197	90.96
8359-030	3	5	0	197	214.72
8359-040	4	4	0	197	246.77

PVC Transition Union

BSP Thread (in.) x ASTM (in.) Fipt with FKM O-ring Seal



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

8358-005	1/2	20	160	197	12.82
8358-007	3/4	20	80	197	17.91
8358-010	1	15	90	197	23.84
8358-012	1-1/4	10	0	197	45.48
8358-015	1-1/2	10	0	197	56.31
8358-020	2	5	0	197	86.64
8358-030	3	5	0	197	219.76
8358-040	4	4	0	197	258.26

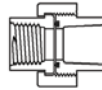


Metric Fittings & Valves PVC Transition Unions & True Union Ball Valves (Regular Style)

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

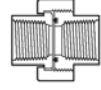


235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8399-005	1/2	10	60	197	13.26
8399-007	3/4	20	80	197	18.56
8399-010	1	15	90	197	24.69
8399-012	1-1/4	10	0	197	47.17
8399-015	1-1/2	10	0	197	58.38
8399-020	2	5	0	197	89.84
8399-030	3	5	0	197	212.03
8399-040	4	4	0	197	243.45

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	12.63
8398-007	3/4	10	40	197	17.68
8398-010	1	10	40	197	23.54
8398-012	1-1/4	5	20	197	44.92
8398-015	1-1/2	5	0	197	55.60
8398-020	2	5	0	197	89.33
8398-030	3	5	0	197	217.04
8398-040	4	4	0	197	253.84

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
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DIN SOC EPDM

2324-025	75MM	1	0	238	323.80
2324-030	90MM	1	0	238	426.91
2324-040	110MM	1	0	238	721.29

PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC FKM

2334-025	75MM	1	0	238	438.75
2334-030	90MM	1	0	238	474.35
2334-040	110MM	1	0	238	801.42

PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded EPDM

2325-025	2-1/2	1	0	238	323.80
2325-030	3	1	0	238	426.91
2325-040	4	1	0	238	721.29

PVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded FKM

2335-025	2-1/2	1	0	238	438.75
2335-030	3	1	0	238	474.35
2335-040	4	1	0	238	801.42

CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC EPDM

2324-025C	75MM	1	0	239	542.01
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CPVC True Union Ball Valve (Regular Style) (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC EPDM

2324-030C	90MM	1	0	239	633.75
2324-040C	110MM	1	0	239	1148.37

CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC FKM

2334-025C	75MM	1	0	239	602.21
2334-030C	90MM	1	0	239	704.19
2334-040C	110MM	1	0	239	1275.97

CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded EPDM

2325-025C	2-1/2	1	0	239	542.15
2325-030C	3	1	0	239	633.75
2325-040C	4	1	0	239	1148.37

CPVC True Union Ball Valve (Regular Style)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded FKM

2335-025C	2-1/2	1	0	239	602.21
2335-030C	3	1	0	239	704.19
2335-040C	4	1	0	239	1275.97

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
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DIN SOC
EPDM

1824-005	20 d	1	18	238	49.69
1824-007	25 d	1	18	238	58.80
1824-010	32 d	1	12	238	70.02
1824-012	40 d	1	8	238	96.86
1824-015	50 d	1	8	238	116.67
1824-020	63 d	1	4	238	153.96

PVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC
FKM

1834-005	20 d	1	18	238	55.27
1834-007	25 d	1	18	238	65.41
1834-010	32 d	1	12	238	77.99
1834-012	40 d	1	8	238	123.64
1834-015	50 d	1	8	238	129.52
1834-020	63 d	1	4	238	169.54

PVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded
EPDM

1825-005	1/2	1	18	238	49.69
1825-007	3/4	1	18	238	58.80
1825-010	1	1	12	238	70.02
1825-012	1-1/4	1	8	238	96.86
1825-015	1-1/2	1	8	238	116.67
1825-020	2	1	4	238	153.96

PVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded
FKM

1835-005	1/2	1	18	238	55.27
1835-007	3/4	1	18	238	65.41
1835-010	1	1	12	238	77.99
1835-012	1-1/4	1	8	238	123.64
1835-015	1-1/2	1	8	238	129.52
1835-020	2	1	4	238	169.54

PVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC
EPDM

1828-005	16 DN	1	18	238	49.69
1828-007	20 DN	1	18	238	58.80
1828-010	25 DN	1	12	238	70.02
1828-012	30 DN	1	8	238	96.86
1828-015	40 DN	1	8	238	116.67
1828-020	50 DN	1	4	238	153.96

PVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC
FKM

1838-005	16 DN	1	18	238	55.27
1838-007	20 DN	1	18	238	65.41
1838-010	25 DN	1	12	238	77.99
1838-012	30 DN	1	8	238	123.64
1838-015	40 DN	1	8	238	129.52
1838-020	50 DN	1	4	238	169.54

CPVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC
EPDM

1824-005C	20 d	1	18	239	65.63
1824-007C	25 d	1	18	239	82.65
1824-010C	32 d	1	12	239	98.40
1824-012C	40 d	1	8	239	156.43
1824-015C	50 d	1	8	239	165.21
1824-020C	63 d	1	4	239	220.95

CPVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC
FKM

1834-005C	20 d	1	18	239	72.93
1834-007C	25 d	1	18	239	91.86
1834-010C	32 d	1	12	239	109.33
1834-012C	40 d	1	8	239	173.86
1834-015C	50 d	1	8	239	183.57
1834-020C	63 d	1	4	239	254.00

CPVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded
EPDM

1825-005C	1/2	1	18	239	65.63
1825-007C	3/4	1	18	239	82.65
1825-010C	1	1	12	239	98.40
1825-012C	1-1/4	1	8	239	156.43
1825-015C	1-1/2	1	8	239	165.21
1825-020C	2	1	4	239	220.95

CPVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded
FKM

1835-005C	1/2	1	18	239	72.93
1835-007C	3/4	1	18	239	91.86
1835-010C	1	1	12	239	109.33
1835-012C	1-1/4	1	8	239	173.86
1835-015C	1-1/2	1	8	239	183.57
1835-020C	2	1	4	239	254.00



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

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC					
EPDM					
1828-005C	16 DN	1	18	239	65.63
1828-007C	20 DN	1	18	239	82.65
1828-010C	25 DN	1	12	239	98.40
1828-012C	30 DN	1	8	239	156.43
1828-015C	40 DN	1	8	239	165.21
1828-020C	50 DN	1	4	239	220.95

CPVC True Union 2000 Industrial Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC					
FKM					
1838-005C	16 DN	1	18	239	72.93
1838-007C	20 DN	1	18	239	91.86
1838-010C	25 DN	1	12	239	109.02
1838-012C	30 DN	1	8	239	173.86
1838-015C	40 DN	1	8	239	183.57
1838-020C	50 DN	1	4	239	254.00

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
DIN SOC					
EPDM					
3624-005	20 d	1	18	238	39.77
3624-007	25 d	1	18	238	47.03
3624-010	32 d	1	18	238	56.02
3624-012	40 d	1	12	238	77.48
3624-015	50 d	1	8	238	93.35
3624-020	63 d	1	8	238	123.18

PVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded					
FKM					
3635-005	1/2	1	18	238	44.23
3635-007	3/4	1	18	238	52.32
3635-010	1	1	18	238	62.40
3635-015	1-1/2	1	8	238	103.62
3635-012	1-1/4	1	12	238	98.91
3635-020	2	1	8	238	135.62

PVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC					
FKM					
3634-005	20 d	1	18	238	44.23
3634-007	25 d	1	18	238	52.32
3634-010	32 d	1	18	238	62.40
3634-012	40 d	1	12	238	98.91
3634-015	50 d	1	8	238	103.62
3634-020	63 d	1	8	238	135.62

PVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC					
EPDM					
3628-005	16 DN	1	18	238	39.77
3628-007	20 DN	1	18	238	47.03
3628-010	25 DN	1	18	238	56.02
3628-012	30 DN	1	12	238	77.48
3628-015	40 DN	1	8	238	93.35
3628-020	50 DN	1	8	238	123.18

PVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded					
EPDM					
3625-005	1/2	1	18	238	39.77
3625-007	3/4	1	18	238	47.03
3625-010	1	1	18	238	56.02
3625-012	1-1/4	1	12	238	77.48
3625-015	1-1/2	1	8	238	93.35
3625-020	2	1	8	238	123.18

PVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC					
FKM					
3638-005	16 DN	1	18	238	44.23
3638-007	20 DN	1	18	238	52.32
3638-010	25 DN	1	18	238	62.40
3638-012	30 DN	1	12	238	98.91
3638-015	40 DN	1	8	238	103.62
3638-020	50 DN	1	8	238	135.62

Metric Fittings & Valves
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
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DIN SOC

EPDM

3624-005C	20 d	1	18	239	52.48
3624-007C	25 d	1	18	239	66.13
3624-010C	32 d	1	18	239	78.73
3624-012C	40 d	1	12	239	125.16
3624-015C	50 d	1	8	239	132.16
3624-020C	63 d	1	8	239	176.78

CPVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC

FKM

3634-005C	20 d	1	18	239	58.36
3634-007C	25 d	1	18	239	73.49
3634-010C	32 d	1	18	239	87.47
3634-012C	40 d	1	12	239	139.11
3634-015C	50 d	1	8	239	146.85
3634-020C	63 d	1	8	239	203.21

CPVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

EPDM

3625-005C	1/2	1	18	239	52.48
3625-007C	3/4	1	18	239	66.13
3625-010C	1	1	18	239	78.41
3625-012C	1-1/4	1	12	239	125.16
3625-015C	1-1/2	1	8	239	132.16
3625-020C	2	1	8	239	176.78

CPVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

FKM

3635-005C	1/2	1	18	239	58.36
3635-007C	3/4	1	18	239	73.49
3635-010C	1	1	18	239	87.47
3635-012C	1-1/4	1	12	239	139.11
3635-015C	1-1/2	1	8	239	146.85
3635-020C	2	1	8	239	203.21

CPVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC

EPDM

3628-005C	16 DN	1	18	239	52.48
3628-007C	20 DN	1	18	239	66.13
3628-010C	25 DN	1	18	239	87.47
3628-012C	30 DN	1	12	239	125.16
3628-015C	40 DN	1	8	239	132.16
3628-020C	50 DN	1	8	239	176.78

CPVC True Union 2000 Standard Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC

FKM

3638-005C	16 DN	1	18	239	58.36
3638-007C	20 DN	1	18	239	73.49
3638-010C	25 DN	1	18	239	87.47
3638-012C	30 DN	1	12	239	139.11
3638-015C	40 DN	1	8	239	146.85
3638-020C	50 DN	1	8	239	203.21



Metric Fittings & Valves

PVC & CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves



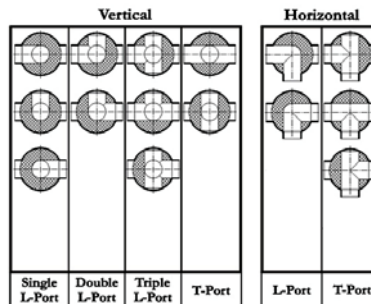
Pressure Rating @ 73°F (23°C), Water
1/2" - 2" PN 16

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
DIN SOC with L1 Port EPDM					
5024L1-005	20 d	1	12	238	102.54
5024L1-007	25 d	1	8	238	122.29
5024L1-010	32 d	1	8	238	148.27
5024L1-012	40 d	1	8	238	171.86
5024L1-015	50 d	1	8	238	200.95
5024L1-020	63 d	1	0	238	246.51

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with L1 Port FKM					
5034L1-005	20 d	1	12	238	111.22
5034L1-007	25 d	1	8	238	131.63
5034L1-010	32 d	1	8	238	163.35
5034L1-012	40 d	1	8	238	193.32
5034L1-015	50 d	1	8	238	220.00
5034L1-020	63 d	1	0	238	287.39

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L1 Port EPDM					
5025L1-005	1/2	1	12	238	102.54
5025L1-007	3/4	1	8	238	122.29
5025L1-010	1	1	8	238	148.27
5025L1-012	1-1/4	1	8	238	171.86
5025L1-015	1-1/2	1	8	238	200.95
5025L1-020	2	1	0	238	246.51

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L1 Port FKM					
5035L1-005	1/2	1	12	238	111.22
5035L1-007	3/4	1	8	238	131.63
5035L1-010	1	1	8	238	163.35
5035L1-012	1-1/4	1	8	238	193.32
5035L1-015	1-1/2	1	8	238	220.00
5035L1-020	2	1	0	238	287.39

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L1 Port EPDM					
5028L1-005	16 DN	1	12	238	102.54
5028L1-007	20 DN	1	8	238	122.29
5028L1-010	25 DN	1	8	238	148.27
5028L1-012	30 DN	1	8	238	171.86
5028L1-015	40 DN	1	8	238	200.95
5028L1-020	50 DN	1	0	238	246.51

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L1 Port FKM					
5038L1-005	16 DN	1	12	238	111.22
5038L1-007	20 DN	1	8	238	131.63
5038L1-010	25 DN	1	8	238	163.35
5038L1-012	32 DN	1	8	238	193.32
5038L1-015	40 DN	1	8	238	220.00
5038L1-020	50 DN	1	0	238	287.39

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with T1 Port EPDM					
5024T1-005	20 d	1	12	238	102.54
5024T1-007	25 d	1	8	238	122.29
5024T1-010	32 d	1	8	238	148.27
5024T1-012	40 d	1	8	238	171.86
5024T1-015	50 d	1	8	238	200.95
5024T1-020	63 d	1	0	238	246.51

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with T1 Port FKM					
5034T1-005	20 d	1	12	238	111.22
5034T1-007	25 d	1	8	238	131.63
5034T1-010	32 d	1	8	238	163.35
5034T1-012	40 d	1	8	238	193.32
5034T1-015	50 d	1	8	238	220.00
5034T1-020	63 d	1	0	238	287.39

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
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BSP Threaded with T1 Port
EPDM

5025T1-005	1/2	1	12	238	102.54
5025T1-007	3/4	1	8	238	122.29
5025T1-010	1	1	8	238	148.27
5025T1-012	1-1/4	1	8	238	171.86
5025T1-015	1-1/2	1	8	238	200.95
5025T1-020	2	1	0	238	246.51

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded with T1 Port
FKM

5035T1-005	1/2	1	12	238	111.22
5035T1-007	3/4	1	8	238	131.63
5035T1-010	1	1	8	238	163.35
5035T1-012	1-1/4	1	8	238	193.32
5035T1-015	1-1/2	1	8	238	220.00
5035T1-020	2	1	0	238	287.39

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC with T1 Port
EPDM

5028T1-005	16 DN	1	12	238	102.54
5028T1-007	20 DN	1	8	238	122.29
5028T1-010	25 DN	1	8	238	148.27
5028T1-012	30 DN	1	8	238	171.86
5028T1-015	40 DN	1	8	238	200.95
5028T1-020	50 DN	1	0	238	246.51

PVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC with T1 Port
FKM

5038T1-005	16 DN	1	12	238	111.22
5038T1-007	20 DN	1	8	238	131.63
5038T1-010	25 DN	1	8	238	163.35
5038T1-012	32 DN	1	8	238	193.32
5038T1-015	40 DN	1	8	238	220.00
5038T1-020	50 DN	1	0	238	287.39

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC with L1 Port
EPDM

5024L1-005C	20 d	1	12	239	157.82
5024L1-007C	25 d	1	8	239	188.12
5024L1-010C	32 d	1	8	239	228.12
5024L1-012C	40 d	1	8	239	264.35
5024L1-015C	50 d	1	8	239	309.22
5024L1-020C	63 d	1	0	239	379.35

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC with L1 Port
FKM

5034L1-005C	20 d	1	12	239	170.98
5034L1-007C	25 d	1	8	239	202.49
5034L1-010C	32 d	1	8	239	251.35
5034L1-012C	40 d	1	8	239	296.38
5034L1-015C	50 d	1	8	239	338.44
5034L1-020C	63 d	1	0	239	442.12

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded with L1 Port
EPDM

5025L1-005C	1/2	1	12	239	157.82
5025L1-007C	3/4	1	8	239	188.12
5025L1-010C	1	1	8	239	228.12
5025L1-012C	1-1/4	1	8	239	264.35
5025L1-015C	1-1/2	1	8	239	309.22
5025L1-020C	2	1	0	239	379.35

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded with L1 Port
FKM

5035L1-005C	1/2	1	12	239	170.98
5035L1-007C	3/4	1	8	239	202.49
5035L1-010C	1	1	8	239	251.35
5035L1-012C	1-1/4	1	8	239	306.06
5035L1-015C	1-1/2	1	8	239	338.44
5035L1-020C	2	1	0	239	442.12

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC with L1 Port
EPDM

5028L1-005C	16 DN	1	12	239	157.82
5028L1-007C	20 DN	1	8	239	188.12
5028L1-010C	25 DN	1	8	239	228.12
5028L1-012C	30 DN	1	8	239	264.35
5028L1-015C	40 DN	1	8	239	309.22
5028L1-020C	50 DN	1	0	239	379.35

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC with L1 Port
FKM

5038L1-005C	16 DN	1	12	239	170.98
5038L1-007C	20 DN	1	8	239	202.49
5038L1-010C	25 DN	1	8	239	251.35
5038L1-012C	32 DN	1	8	239	296.38
5038L1-015C	40 DN	1	8	239	338.44
5038L1-020C	50 DN	1	0	239	442.12



Metric Fittings & Valves
 PVC & CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves & PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball 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
DIN SOC with T1 Port					
EPDM					
5024T1-005C	20 d	1	12	239	157.82
5024T1-007C	25 d	1	8	239	188.12
5024T1-010C	32 d	1	8	239	228.12
5024T1-012C	40 d	1	8	239	264.35
5024T1-015C	50 d	1	8	239	309.22
5024T1-020C	63 d	1	0	239	379.35

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with T1 Port					
FKM					
5034T1-005C	20 d	1	12	239	170.98
5034T1-007C	25 d	1	8	239	202.49
5034T1-010C	32 d	1	8	239	251.35
5034T1-012C	40 d	1	8	239	296.38
5034T1-015C	50 d	1	8	239	338.44
5034T1-020C	63 d	1	0	239	442.12

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with T1 Port					
EPDM					
5025T1-005C	1/2	1	12	239	157.82
5025T1-007C	3/4	1	8	239	188.12
5025T1-010C	1	1	8	239	228.12
5025T1-012C	1-1/4	1	8	239	264.35
5025T1-015C	1-1/2	1	8	239	309.22
5025T1-020C	2	1	0	239	379.35

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with T1 Port					
FKM					
5035T1-005C	1/2	1	12	239	170.98
5035T1-007C	3/4	1	8	239	202.49
5035T1-010C	1	1	8	239	251.35
5035T1-012C	1-1/4	1	8	239	296.38
5035T1-015C	1-1/2	1	8	239	338.44
5035T1-020C	2	1	0	239	442.12

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with T1 Port					
EPDM					
5028T1-005C	16 DN	1	720	239	157.82
5028T1-007C	20 DN	1	8	239	188.12
5028T1-010C	25 DN	1	8	239	228.12
5028T1-012C	30 DN	1	8	239	264.35
5028T1-015C	40 DN	1	8	239	309.22
5028T1-020C	50 DN	1	0	239	379.35

CPVC True Union 2000 Industrial 3-Way Horizontal Diverter Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with T1 Port					
FKM					
5038T1-005C	16 DN	1	12	239	170.98
5038T1-007C	20 DN	1	8	239	202.49
5038T1-010C	25 DN	1	8	239	251.35
5038T1-012C	32 DN	1	8	239	296.38
5038T1-015C	40 DN	1	8	239	338.44
5038T1-020C	50 DN	1	0	239	442.12

PVC & CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves



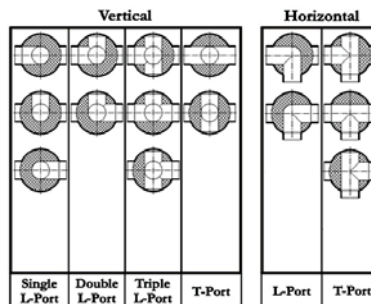
Pressure Rating @ 73°F (23°C), Water
 1/2" - 2" PN 16

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
DIN SOC with L1 Port					
EPDM					
4724L1-005	20 d	1	12	238	102.03
4724L1-007	25 d	1	8	238	119.68
4724L1-010	32 d	1	8	238	145.49

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with L1 Port					
EPDM					
4724L1-012	40 d	1	8	238	175.99
4724L1-015	50 d	1	8	238	203.52
4724L1-020	63 d	1	4	238	249.61

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
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**DIN SOC with L1 port
FKM**

4734L1-005	20 d	1	12	238	110.51
4734L1-007	25 d	1	8	238	130.43
4734L1-010	32 d	1	8	238	161.98
4734L1-012	40 d	1	8	238	207.36
4734L1-015	50 d	1	8	238	223.11
4734L1-020	63 d	1	4	238	289.81

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 L1 Port
EPDM**

4725L1-005	1/2	1	12	238	102.03
4725L1-007	3/4	1	8	238	119.68
4725L1-010	1	1	8	238	145.49
4725L1-012	1-1/4	1	8	238	175.99
4725L1-015	1-1/2	1	8	238	203.52
4725L1-020	2	1	4	238	249.61

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 L1 Port
FKM**

4735L1-005	1/2	1	12	238	110.51
4735L1-007	3/4	1	8	238	130.43
4735L1-010	1	1	8	238	161.98
4735L1-012	1-1/4	1	8	238	207.36
4735L1-015	1-1/2	1	8	238	223.11
4735L1-020	2	1	4	238	289.81

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 L1 port
EPDM**

4728L1-005	16 DN	1	12	238	102.03
4728L1-007	20 DN	1	8	238	119.68
4728L1-010	25 DN	1	8	238	145.49
4728L1-012	32 DN	1	8	238	175.99
4728L1-015	40 DN	1	8	238	203.52
4728L1-020	50 DN	1	4	238	249.61

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 L1 Port
FKM**

4738L1-005	16 DN	1	12	238	110.51
4738L1-007	20 DN	1	8	238	130.43
4738L1-010	25 DN	1	8	238	161.98
4738L1-012	30 DN	1	8	238	207.36
4738L1-015	40 DN	1	8	238	223.11
4738L1-020	50 DN	1	4	238	289.81

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 L2 Port
EPDM**

4724L2-005	20 d	1	12	238	203.20
4724L2-007	25 d	1	8	238	220.86
4724L2-010	32 d	1	8	238	246.69
4724L2-012	40 d	1	8	238	277.17
4724L2-015	50 d	1	8	238	304.71
4724L2-020	63 d	1	4	238	350.76

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 L2 Port
FKM**

4734L2-005	20 d	1	12	238	211.68
4734L2-007	25 d	1	8	238	231.60
4734L2-010	32 d	1	8	238	263.12
4734L2-012	40 d	1	8	238	308.53
4734L2-015	50 d	1	8	238	324.26
4734L2-020	63 d	1	4	238	390.98

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
EPDM**

4725L2-005	1/2	1	12	238	203.20
4725L2-007	3/4	1	8	238	220.86
4725L2-010	1	1	8	238	246.69
4725L2-012	1-1/4	1	8	238	277.17
4725L2-015	1-1/2	1	8	238	304.71
4725L2-020	2	1	4	238	350.76

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
FKM**

4735L2-005	1/2	1	720	238	211.68
4735L2-007	3/4	1	8	238	231.60
4735L2-010	1	1	8	238	263.12
4735L2-012	1-1/4	1	8	238	308.53
4735L2-015	1-1/2	1	8	238	324.26
4735L2-020	2	1	4	238	390.98

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	203.20
4728L2-007	20 DN	1	8	238	220.86
4728L2-010	25 DN	1	8	238	246.69
4728L2-012	30 DN	1	8	238	277.17
4728L2-015	40 DN	1	8	238	304.71
4728L2-020	50 DN	1	4	238	350.76



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
JIS SOC with L2 Port FKM					
4738L2-005	16 DN	1	12	238	211.68
4738L2-007	20 DN	1	8	238	231.60
4738L2-010	25 DN	1	8	238	263.12
4738L2-012	30 DN	1	8	238	308.53
4738L2-015	40 DN	1	8	238	324.26
4738L2-020	50 DN	1	4	238	390.98

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with L3 Port EPDM					
4724L3-005	20 d	1	12	238	203.20
4724L3-007	25 d	1	8	238	220.86
4724L3-010	32 d	1	8	238	246.69
4724L3-012	40 d	1	8	238	277.17
4724L3-015	50 d	1	8	238	304.71
4724L3-020	63 d	1	4	238	350.76

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with L3 Port FKM					
4734L3-005	20 d	1	12	238	211.68
4734L3-007	25 d	1	8	238	231.60
4734L3-010	32 d	1	8	238	263.12
4734L3-012	40 d	1	8	238	308.53
4734L3-015	50 d	1	8	238	324.26
4734L3-020	63 d	1	4	238	390.98

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L3 Port EPDM					
4725L3-005	1/2	1	12	238	203.20
4725L3-007	3/4	1	8	238	220.86
4725L3-010	1	1	8	238	246.69
4725L3-012	1-1/4	1	8	238	277.17
4725L3-015	1-1/2	1	8	238	304.71
4725L3-020	2	1	4	238	350.76

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L3 Port FKM					
4735L3-005	1/2	1	12	238	211.68
4735L3-007	3/4	1	8	238	231.60
4735L3-010	1	1	8	238	263.12
4735L3-012	1-1/4	1	8	238	308.53
4735L3-015	1-1/2	1	8	238	324.26
4735L3-020	2	1	4	238	390.98

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L3 Port EPDM					
4728L3-005	16 DN	1	12	238	203.20
4728L3-007	20 DN	1	8	238	220.86
4728L3-010	25 DN	1	8	238	246.69
4728L3-012	30 DN	1	8	238	277.17
4728L3-015	40 DN	1	8	238	304.71
4728L3-020	50 DN	1	4	238	350.76

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L3 Port FKM					
4738L3-005	16 DN	1	12	238	211.68
4738L3-007	20 DN	1	8	238	231.60
4738L3-010	25 DN	1	8	238	263.12
4738L3-012	30 DN	1	8	238	308.53
4738L3-015	40 DN	1	8	238	324.26
4738L3-020	50 DN	1	4	238	390.98

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with T1 Port EPDM					
4724T1-005	20 d	1	12	238	102.03
4724T1-007	25 d	1	8	238	119.68
4724T1-010	32 d	1	8	238	145.49
4724T1-012	40 d	1	8	238	175.99
4724T1-015	50 d	1	8	238	203.52
4724T1-020	63 d	1	4	238	249.61

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with T1 Port FKM					
4734T1-005	20 d	1	12	238	110.51
4734T1-007	25 d	1	8	238	130.43
4734T1-010	32 d	1	8	238	161.98
4734T1-012	40 d	1	8	238	207.36
4734T1-015	50 d	1	8	238	223.83
4734T1-020	63 d	1	4	238	289.81

PVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with T1 Port EPDM					
4725T1-005	1/2	1	12	238	102.03
4725T1-007	3/4	1	8	238	119.68
4725T1-010	1	1	8	238	145.49
4725T1-012	1-1/4	1	8	238	175.99
4725T1-015	1-1/2	1	8	238	203.52
4725T1-020	2	1	4	238	249.61

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
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BSP Threaded with T1 Port
FKM

4735T1-005	1/2	1	12	238	110.51
4735T1-007	3/4	1	8	238	130.43
4735T1-010	1	1	8	238	161.98
4735T1-012	1-1/4	1	8	238	207.36
4735T1-015	1-1/2	1	8	238	223.11
4735T1-020	2	1	4	238	289.81

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 T1 Port
EPDM

4728T1-005	16 DN	1	12	238	102.03
4728T1-007	20 DN	1	8	238	119.68
4728T1-010	25 DN	1	8	238	145.49
4728T1-012	30 DN	1	8	238	175.99
4728T1-015	40 DN	1	8	238	203.52
4728T1-020	50 DN	1	4	238	249.61

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 T1 Port
FKM

4738T1-005	16 DN	1	12	238	110.51
4738T1-007	20 DN	1	8	238	130.43
4738T1-010	25 DN	1	8	238	161.98
4738T1-012	30 DN	1	8	238	207.36
4738T1-015	40 DN	1	8	238	223.11
4738T1-020	50 DN	1	4	238	289.81

CPVC 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 L1 Port
EPDM

4724L1-005C	20 d	1	12	239	156.94
4724L1-007C	25 d	1	8	239	184.15
4724L1-010C	32 d	1	8	239	223.81
4724L1-012C	40 d	1	8	239	270.75
4724L1-015C	50 d	1	8	239	313.00
4724L1-020C	63 d	1	4	239	384.04

CPVC 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 L1 Port
FKM

4734L1-005C	20 d	1	12	239	169.93
4734L1-007C	25 d	1	8	239	200.60
4734L1-010C	32 d	1	8	239	249.27
4734L1-012C	40 d	1	8	239	319.07
4734L1-015C	50 d	1	8	239	343.15
4734L1-020C	63 d	1	4	239	445.86

CPVC 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 L1 Port
EPDM

4725L1-005C	1/2	1	12	239	156.94
4725L1-007C	3/4	1	8	239	184.15
4724L1-010C	32 d	1	8	239	223.81
4725L1-012C	1-1/4	1	8	239	270.75
4725L1-015C	1-1/2	1	8	239	313.00
4725L1-020C	2	1	4	239	384.04

CPVC 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 L1 Port
FKM

4735L1-005C	1/2	1	12	239	169.93
4735L1-007C	3/4	1	8	239	200.60
4735L1-010C	1	1	8	239	249.27
4735L1-012C	1-1/4	1	8	239	319.07
4735L1-015C	1-1/2	1	8	239	343.15
4735L1-020C	2	1	4	239	445.86

CPVC 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 L1 Port
EPDM

4728L1-005C	16 DN	1	12	239	156.94
4728L1-007C	20 DN	1	8	239	184.15
4728L1-010C	25 DN	1	8	239	223.81
4728L1-012C	32 DN	1	8	239	270.75
4728L1-015C	40 DN	1	8	239	313.00
4728L1-020C	50 DN	1	4	239	384.04

CPVC 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 L1 Port
FKM

4738L1-005C	16 DN	1	12	239	169.93
4738L1-007C	20 DN	1	8	239	200.60
4738L1-010C	25 DN	1	8	239	249.27
4738L1-012C	30 DN	1	8	239	319.07
4738L1-015C	40 DN	1	8	239	343.15
4738L1-020C	50 DN	1	4	239	445.86

CPVC 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 L2 Port
EPDM

4724L2-005C	20 d	1	12	239	312.67
4724L2-007C	25 d	1	8	239	339.86
4724L2-010C	32 d	1	8	239	379.52
4724L2-012C	40 d	1	8	239	426.29
4724L2-015C	50 d	1	8	239	468.76
4724L2-020C	63 d	1	4	239	539.61



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
DIN SOC with L2 Port FKM					
4734L2-005C	20 d	1	12	239	325.66
4734L2-007C	25 d	1	8	239	356.32
4734L2-010C	32 d	1	8	239	404.81
4734L2-012C	40 d	1	8	239	474.64
4734L2-015C	50 d	1	8	239	498.89
4734L2-020C	63 d	1	4	239	601.44

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L2 Port EPDM					
4725L2-005C	1/2	1	12	239	312.67
4725L2-007C	3/4	1	8	239	339.86
4725L2-010C	1	1	8	239	379.52
4725L2-012C	1-1/4	1	8	239	426.29
4725L2-015C	1-1/2	1	8	239	468.76
4725L2-020C	2	1	4	239	539.61

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L2 Port FKM					
4735L2-005C	1/2	1	12	239	325.66
4735L2-007C	3/4	1	8	239	356.32
4735L2-010C	1	1	8	239	404.81
4735L2-012C	1-1/4	1	8	239	474.62
4735L2-015C	1-1/2	1	8	239	498.89
4735L2-020C	2	1	4	239	601.44

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L2 Port EPDM					
4728L2-005C	16 DN	1	12	239	312.67
4728L2-007C	20 DN	1	8	239	339.86
4728L2-010C	25 DN	1	8	239	379.52
4728L2-012C	30 DN	1	8	239	426.29
4728L2-015C	40 DN	1	8	239	468.76
4728L2-020C	50 DN	1	4	239	539.61

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L2 Port FKM					
4738L2-005C	16 DN	1	12	239	325.66
4738L2-007C	20 DN	1	8	239	356.32
4738L2-010C	25 DN	1	8	239	404.81
4738L2-012C	30 DN	1	8	239	474.62
4738L2-015C	40 DN	1	8	239	498.89
4738L2-020C	50 DN	1	4	239	601.44

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with L3 Port EPDM					
4724L3-005C	20 d	1	12	239	312.67
4724L3-007C	25 d	1	8	239	339.86
4724L3-010C	32 d	1	8	239	379.52
4724L3-012C	40 d	1	8	239	426.29
4724L3-015C	50 d	1	8	239	468.76
4724L3-020C	63 d	1	4	239	539.61

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC with L3 Port FKM					
4734L3-005C	20 d	1	12	239	325.66
4734L3-007C	25 d	1	8	239	356.32
4734L3-010C	32 d	1	8	239	404.81
4734L3-012C	40 d	1	8	239	474.62
4734L3-015C	50 d	1	8	239	498.89
4734L3-020C	63 d	1	4	239	601.44

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L3 Port EPDM					
4725L3-005C	1/2	1	12	239	312.67
4725L3-007C	3/4	1	8	239	339.86
4725L3-010C	1	1	8	239	379.52
4725L3-012C	1-1/4	1	8	239	426.29
4725L3-015C	1-1/2	1	8	239	468.76
4725L3-020C	2	1	4	239	539.61

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded with L3 Port FKM					
4735L3-005C	1/2	1	12	239	325.66
4735L3-007C	3/4	1	8	239	356.32
4735L3-010C	1	1	8	239	404.81
4735L3-012C	1-1/4	1	8	239	474.62
4735L3-015C	1-1/2	1	8	239	498.89
4735L3-020C	2	1	4	239	601.44

CPVC True Union 2000 Industrial 3-Way Vertical Ball Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC with L1 Port EPDM					
4728L3-005C	16 DN	1	12	239	312.60
4728L3-007C	20 DN	1	8	239	339.86
4728L3-010C	25 DN	1	8	239	379.52
4728L3-012C	30 DN	1	8	239	426.29
4728L3-015C	40 DN	1	8	239	468.76
4728L3-020C	50 DN	1	4	239	539.61

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
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JIS SOC with L3 Port
FKM

4738L3-005C	16 DN	1	12	239	325.66
4738L3-007C	20 DN	1	8	239	356.32
4738L3-010C	25 DN	1	8	239	404.81
4738L3-012C	30 DN	1	8	239	474.62
4738L3-015C	40 DN	1	8	239	498.89
4738L3-020C	50 DN	1	4	239	601.44

CPVC 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

4724T1-005C	20 d	1	12	239	156.94
4724T1-007C	25 d	1	8	239	184.15
4724T1-010C	32 d	1	8	239	219.19
4724T1-012C	40 d	1	8	239	270.75
4724T1-015C	50 d	1	8	239	313.00
4724T1-020C	63 d	1	4	239	384.04

CPVC 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
FKM

4734T1-005C	20 d	1	12	239	169.93
4734T1-007C	25 d	1	8	239	216.71
4734T1-010C	32 d	1	8	239	249.27
4734T1-012C	40 d	1	8	239	319.07
4734T1-015C	50 d	1	8	239	343.15
4734T1-020C	63 d	1	4	239	445.86

CPVC 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 T1 Port
EPDM

4725T1-005C	1/2	1	12	239	156.94
4725T1-007C	3/4	1	8	239	184.15
4725T1-010C	1	1	8	239	223.81
4725T1-012C	1-1/4	1	8	239	270.75
4725T1-015C	1-1/2	1	8	239	313.00
4725T1-020C	2	1	4	239	384.04

CPVC 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 T1 Port
FKM

4735T1-005C	1/2	1	12	239	169.93
4735T1-007C	3/4	1	8	239	200.60
4735T1-010C	1	1	8	239	249.27
4735T1-012C	1-1/4	1	8	239	314.48
4735T1-015C	1-1/2	1	8	239	343.15
4735T1-020C	2	1	4	239	445.86

CPVC 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 T1 Port
EPDM

4728T1-005C	16 DN	1	12	239	156.94
4728T1-007C	20 DN	1	8	239	184.15
4728T1-010C	25 DN	1	8	239	223.81
4728T1-012C	30 DN	1	8	239	270.75
4728T1-015C	40 DN	1	8	239	313.00
4728T1-020C	50 DN	1	4	239	384.04

CPVC 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 T1 Port
FKM

4738T1-005C	16 DN	1	12	239	169.93
4738T1-007C	20 DN	1	8	239	200.60
4738T1-010C	25 DN	1	8	239	249.27
4738T1-012C	30 DN	1	8	239	319.07
4738T1-015C	40 DN	1	8	239	343.15
4738T1-020C	50 DN	1	4	239	445.86



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
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DIN SOC

EPDM

4524-005	20 d	1	18	228	56.36
4524-007	25 d	1	18	228	67.20
4524-010	32 d	1	18	228	79.93
4524-012	40 d	1	12	228	116.72
4524-015	50 d	1	8	228	134.05
4524-020	63 d	1	8	228	183.02

PVC True Union 2000 Ball Check Valves

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

DIN SOC

FKM

4534-005	20 d	1	18	228	63.52
4534-007	25 d	1	18	228	70.93
4534-010	32 d	1	18	228	89.09
4534-012	40 d	1	12	228	131.00
4534-015	50 d	1	8	228	148.78
4534-020	63 d	1	8	228	203.51

PVC True Union 2000 Ball Check Valves

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

BSP Threaded

EPDM

4525-005	1/2	1	18	228	56.36
4525-007	3/4	1	18	228	67.20
4525-010	1	1	18	228	79.93
4525-012	1-1/4	1	12	228	116.72
4525-015	1-1/2	1	8	228	134.05
4525-020	2	1	8	228	183.02

PVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

FKM

4535-005	1/2	1	18	228	63.52
4535-007	3/4	1	18	228	70.93
4535-010	1	1	18	228	89.09
4535-012	1-1/4	1	12	228	131.00
4535-015	1-1/2	1	8	228	148.78
4535-020	2	1	8	228	203.51

PVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC

EPDM

4528-005	16 DN	1	18	228	56.36
4528-007	20 DN	1	18	228	67.20

PVC True Union 2000 Ball Check Valves (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC

EPDM

4528-010	25 DN	1	18	228	79.93
4528-012	30 DN	1	12	228	116.72
4528-015	40 DN	1	8	228	134.05
4528-020	50 DN	1	8	228	183.02

PVC True Union 2000 Ball Check Valves

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

JIS SOC

FKM

4538-005	16 DN	1	18	228	63.52
4538-007	20 DN	1	18	228	70.93
4538-010	25 DN	1	18	228	89.09
4538-012	30 DN	1	12	228	131.00
4538-015	40 DN	1	8	228	148.78
4538-020	50 DN	1	8	228	203.51

CPVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC

EPDM

4524-005C	20 d	1	18	229	83.31
4524-007C	25 d	1	18	229	99.71
4524-010C	32 d	1	18	229	117.65
4524-012C	40 d	1	12	229	202.63
4524-015C	50 d	1	8	229	202.63
4524-020C	63 d	1	8	229	270.65

CPVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC

FKM

4534-005C	20 d	1	18	229	92.74
4534-007C	25 d	1	18	229	110.81
4534-010C	32 d	1	18	229	130.71
4534-012C	40 d	1	12	229	224.94
4534-015C	50 d	1	8	229	224.94
4534-020C	63 d	1	8	229	301.56

CPVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

EPDM

4525-005C	1/2	1	18	229	83.31
4525-007C	3/4	1	18	229	99.71
4525-010C	1	1	18	229	117.65
4525-012C	1-1/4	1	12	229	202.63



PVC & CPVC True Union 2000 Industrial Ball Check Valves

CPVC True Union 2000 Ball Check Valves (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded EPDM					
4525-015C	1-1/2	1	8	229	202.63
4525-020C	2	1	8	229	270.65

CPVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded FKM					
4535-005C	1/2	1	18	229	92.74
4535-007C	3/4	1	18	229	110.81
4535-010C	1	1	18	229	130.71
4535-012C	1-1/4	1	12	229	224.94
4535-015C	1-1/2	1	8	229	224.94
4535-020C	2	1	8	229	301.56

CPVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC EPDM					
4528-005C	16 DN	1	18	229	83.31
4528-007C	20 DN	1	18	229	99.71
4528-010C	25 DN	1	18	229	117.65
4528-012C	30 DN	1	12	229	202.63
4528-015C	40 DN	1	8	229	202.63
4528-020C	50 DN	1	8	229	270.65

CPVC True Union 2000 Ball Check Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC FKM					
4538-005C	16 DN	1	18	229	92.74
4538-007C	20 DN	1	18	229	110.81
4538-010C	25 DN	1	18	229	130.71
4538-012C	30 DN	1	12	229	224.94
4538-015C	40 DN	1	8	229	224.94
4538-020C	50 DN	1	8	229	301.56

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
DIN SOC Buna-N					
2014-005	20 d	12	0	208	24.19
2014-007	25 d	12	0	208	29.58
2014-010	32 d	12	0	208	35.06
2014-012	40 d	6	0	208	48.48
2014-015	50 d	6	0	208	61.86
2014-020	63 d	6	0	208	79.45

PVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC EPDM					
2024-005	20 d	12	0	208	26.55
2024-007	25 d	12	0	208	32.56
2024-010	32 d	12	0	208	38.61
2024-012	40 d	6	0	208	53.35
2024-015	50 d	6	0	208	68.73
2024-020	63 d	6	0	208	87.47

PVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC FKM					
2034-005	20 d	12	0	208	29.24
2034-007	25 d	12	0	208	34.27
2034-010	32 d	12	0	208	42.51
2034-012	40 d	6	0	208	58.65

PVC Gate Valves (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC FKM					
2034-015	50 d	6	0	208	74.84
2034-020	63 d	6	0	208	96.16

PVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded Buna-N					
2015-005	1/2	12	0	208	24.19
2015-007	3/4	12	0	208	29.58
2015-010	1	12	0	208	35.06
2015-012	1-1/4	6	0	208	48.48
2015-015	1-1/2	6	0	208	61.86
2015-020	2	6	0	208	79.45

PVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded EPDM					
2025-005	1/2	12	0	208	26.55
2025-007	3/4	12	0	208	32.56
2025-010	1	12	0	208	38.61
2025-012	1-1/4	6	0	208	53.35
2025-015	1-1/2	6	0	208	68.73
2025-020	2	6	0	208	87.47



**Metric Fittings & Valves
PVC & CPVC Gate Valves**

PVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded FKM					
2035-005	1/2	12	0	208	29.24
2035-007	3/4	12	0	208	34.27
2035-010	1	12	0	208	42.51
2035-012	1-1/4	6	0	208	58.65
2035-015	1-1/2	6	0	208	74.84
2035-020	2	6	0	208	96.16

CPVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC EPDM					
2024-005C	20 d	12	0	209	78.63
2024-007C	25 d	12	0	209	85.04
2024-010C	32 d	12	0	209	93.25
2024-012C	40 d	6	0	209	163.79
2024-015C	50 d	6	0	209	179.51
2024-020C	63 d	6	0	209	207.06

CPVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DIN SOC FKM					
2034-005C	20 d	12	0	209	86.54
2034-007C	25 d	12	0	209	93.56
2034-010C	32 d	12	0	209	102.54
2034-012C	40 d	6	0	209	180.17
2034-015C	50 d	6	0	209	197.47
2034-020C	63 d	6	0	209	227.77

CPVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded EPDM					
2025-005C	1/2	12	0	209	78.63
2025-007C	3/4	12	0	209	85.04
2025-010C	1	12	0	209	93.25
2025-012C	1-1/4	6	0	209	163.79
2025-015C	1-1/2	6	0	209	179.51
2025-020C	2	6	0	209	207.06

CPVC Gate Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
BSP Threaded FKM					
2035-005C	1/2	12	0	209	86.54
2035-007C	3/4	12	0	209	93.56
2035-010C	1	12	0	209	102.54
2035-012C	1-1/4	6	0	209	180.17
2035-015C	1-1/2	6	0	209	197.47
2035-020C	2	6	0	209	227.77

Metric Fittings & Valves 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
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DIN SOC

EPDM

2724-005	20 d	1	12	274	138.17
2724-007	25 d	1	8	274	156.82
2724-010	32 d	1	8	274	193.27
2724-012	40 d	1	4	274	289.32
2724-015	50 d	1	4	274	304.11
2724-020	63 d	1	0	274	359.78

PVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC

FKM

2734-005	20 d	1	12	274	153.52
2734-007	25 d	1	8	274	174.26
2734-010	32 d	1	8	274	212.38
2734-012	40 d	1	4	274	344.00
2734-015	50 d	1	4	274	351.93
2734-020	63 d	1	0	274	426.36

PVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

EPDM

2725-005	1/2	1	12	274	138.17
2725-007	3/4	1	8	274	156.82
2725-010	1	1	8	274	180.39
2725-012	1-1/4	1	4	274	289.32
2725-015	1-1/2	1	4	274	304.11
2725-020	2	1	0	274	359.78

PVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

FKM

2735-005	1/2	1	12	274	153.52
2735-007	3/4	1	8	274	174.26
2735-010	1	1	8	274	212.38
2735-012	1-1/4	1	4	274	344.00
2735-015	1-1/2	1	4	274	351.93
2735-020	2	1	0	274	426.36

PVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC

EPDM

2728-005	16 DN	1	12	274	138.17
2728-007	20 DN	1	8	274	156.82
2728-010	25 DN	1	8	274	193.27
2728-012	32 DN	1	4	274	289.32
2728-015	40 DN	1	4	274	304.11
2728-020	50 DN	1	0	274	359.78

PVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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JIS SOC

FKM

2738-005	16 DN	1	12	274	153.52
2738-007	20 DN	1	8	274	174.26
2738-010	25 DN	1	8	274	212.38
2738-012	32 DN	1	4	274	344.00
2738-015	40 DN	1	4	274	351.93
2738-020	50 DN	1	0	274	426.36

CPVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC

EPDM

2724-005C	20 d	1	12	276	244.62
2724-007C	25 d	1	8	276	272.25
2724-010C	32 d	1	8	276	314.22
2724-012C	40 d	1	4	276	471.96
2724-015C	50 d	1	4	276	485.93
2724-020C	63 d	1	0	276	517.58

CPVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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DIN SOC

FKM

2734-005C	20 d	1	12	276	313.51
2734-007C	25 d	1	8	276	334.25
2734-010C	32 d	1	8	276	406.44
2734-012C	40 d	1	4	276	561.55
2734-015C	50 d	1	4	276	568.38
2734-020C	63 d	1	0	276	648.78

CPVC Diaphragm Valves

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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BSP Threaded

EPDM

2725-005C	1/2	1	12	276	244.62
2725-007C	3/4	1	8	276	272.25
2725-010C	1	1	8	276	314.22
2725-012C	1-1/4	1	4	276	471.96
2725-015C	1-1/2	1	4	276	485.93
2725-020C	2	1	0	276	517.58

CPVC Diaphragm Valves

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

BSP Threaded

FKM

2735-005C	1/2	1	12	276	313.51
2735-007C	3/4	1	8	276	334.25
2735-010C	1	1	8	276	406.44
2735-012C	1-1/4	1	4	276	561.55
2735-015C	1-1/2	1	4	276	568.38
2735-020C	2	1	0	276	648.78



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
JIS SOC EPDM					
2728-005C	16 DN	1	12	276	244.62
2728-007C	20 DN	1	8	276	272.25
2728-010C	25 DN	1	8	276	314.22
2728-012C	32 DN	1	4	276	471.96
2728-015C	40 DN	1	4	276	485.93
2728-020C	50 DN	1	0	276	517.58

CPVC Diaphragm Valves

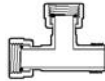
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
JIS SOC FKM					
2738-005C	16 DN	1	12	276	313.51
2738-007C	20 DN	1	8	276	334.25
2738-010C	25 DN	1	8	276	406.44
2738-012C	32 DN	1	4	276	561.55
2738-015C	40 DN	1	4	276	568.46
2738-020C	50 DN	1	0	276	648.78

PVC Irrigation Manifold Systems

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

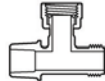
Swivel x MBSP x Swivel with O-ring Seal



MA0101-010BT	1	25	0	019	9.91
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PVC Manifold Tee

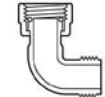
Soc (Spig) x MBSP x Swivel with O-ring Seal For Solvent Cement Connection



MA0109-010BT	1	25	0	019	8.81
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Manifold 90° Street El

MBSP x Swivel with O-ring Seal



MA0602-010BT	1	25	0	019	8.46
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Manifold 90° El

Swivel x Swivel with O-ring Seal



MA0603-010	1	20	0	019	9.34
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Manifold Cross

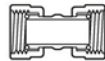
Swivel x MBSP x Swivel x Swivel with O-ring Seal



MA2004-010BT	1	25	0	019	13.15
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Manifold Coupling

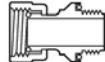
Swivel x Swivel with O-ring Seal



MA2903-010	1	25	200	019	7.01
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Manifold Coupling

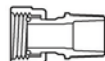
Swivel x MBSP with O-ring Seal



MA2907-010BT	1	25	200	019	5.12
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PVC Manifold Coupling

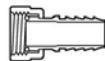
Swivel x Soc (Spig) with O-ring Seal For Solvent Cement Connection



MA2908-010	1 (1-1/4)	25	0	019	5.12
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Manifold Insert Coupling

Swivel x Barbed Insert with O-ring Seal



MA3505-010	1	25	200	019	5.43
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Manifold Cap

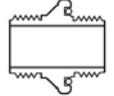
with O-ring Seal



MA4800-010	1	50	600	019	2.14
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Manifold Nipple

MBSP x MBSP with O-ring Seal



MA8306-010BT	1	25	200	019	2.29
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Manifold Replacement O-ring

For All 1" Cap/Swivel Connectors & For 3/4" Nipple End



MA-214	1 & 3/4	50	500	901	.49
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Manifold Replacement O-ring

For 1" Nipple & For 1" Nippled Coupling End



MA-218	1	50	500	901	.53
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