

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
Threaded & Socket Ends					
1/2	1829-005 47.21	1839-005 52.51	1	18	600
3/4	1829-007 55.86	1839-007 62.14	1	18	600
1	1829-010 66.52	1839-010 74.09	1	12	600
1-1/4	1829-012 92.02	1839-012 117.46	1	8	600
1-1/2	1829-015 110.84	1839-015 123.04	1	8	600
2	1829-020 146.26	1839-020 161.06	1	4	600

Socket Ends

2-1/2	1822-025 281.15	1832-025 380.96	1	0	601
3	1822-030 370.67	1832-030 411.86	1	0	601
4	1822-040 626.28	1832-040 695.87	1	0	601
6	1822-060 1352.89	1832-060 1501.36	1	0	612
8	1822-080 1799.35	1832-080 1996.81	1	0	612

8" Venturied valves are 6" ball valves fitted with 6x8 end connector adapters.

Threaded Ends

2-1/2	1821-025 281.15	1831-025 380.96	1	0	601
3	1821-030 370.67	1831-030 411.86	1	0	601
4	1821-040 626.28	1831-040 695.87	1	0	601
6	1821-060 1352.89	1831-060 1501.36	1	0	612

SR Threaded Ends

1/2	1821-005SR 48.21	1831-005SR 53.54	1	18	600
3/4	1821-007SR 58.29	1831-007SR 64.60	1	18	600
1	1821-010SR 68.96	1831-010SR 76.53	1	12	600
1-1/4	1821-012SR 99.35	1831-012SR 124.80	1	8	600
1-1/2	1821-015SR 118.73	1831-015SR 130.93	1	8	600
2	1821-020SR 154.80	1831-020SR 169.44	1	4	600
2-1/2	1821-025SR 304.12	1831-025SR 403.90	1	0	601
3	1821-030SR 393.65	1831-030SR 434.83	1	0	601
4	1821-040SR 653.10	1831-040SR 722.69	1	0	601
6	1821-060SR 1391.15	1831-060SR 1539.60	1	0	612

PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Spigot Ends					
1/2	1827-005 47.21	1837-005 52.51	1	18	600
3/4	1827-007 55.86	1837-007 62.14	1	18	600
1	1827-010 66.52	1837-010 74.09	1	12	600
1-1/4	1827-012 92.02	1837-012 117.46	1	8	600
1-1/2	1827-015 110.84	1837-015 123.04	1	8	600
2	1827-020 146.26	1837-020 161.06	1	4	600
2-1/2	1827-025 281.15	1837-025 380.96	1	0	601
3	1827-030 370.67	1837-030 411.86	1	0	601
4	1827-040 626.28	1837-040 695.87	1	0	601
6	1827-060 1352.89	1837-060 1501.36	1	0	612

Flanged Ends

1/2	1823-005 67.53	1833-005 72.02	1	8	600
3/4	1823-007 85.54	1833-007 93.05	1	8	600
1	1823-010 103.53	1833-010 111.35	1	8	600
1-1/4	1823-012 121.57	1833-012 135.06	1	8	600
1-1/2	1823-015 153.10	1833-015 166.59	1	4	600
2	1823-020 243.78	1833-020 258.56	1	0	600
2-1/2	1823-025 450.21	1833-025 457.66	1	0	601
3	1823-030 497.62	1833-030 617.83	1	0	601
4	1823-040 1000.54	1833-040 1159.79	1	0	601
6	1823-060 2130.35	1833-060 2470.10	1	0	612
8	1823-080 2833.36	1833-080 3285.23	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
Socket Ends					
6	18226-060 1352.89	18326-060 1501.36	1	0	612



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
Threaded Ends					
6	18216-060 1352.89	18316-060 1501.36	1	0	612
SR Threaded Ends					
6	18216-060SR 1391.15	18316-060SR 1539.60	1	0	612
Flanged Ends					
6	18236-060 2130.35	18336-060 2470.10	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
Threaded & Socket Ends					
1/2	1829V-005 55.53	1839V-005 61.81	1	18	600
3/4	1829V-007 65.71	1839V-007 73.09	1	18	600
1	1829V-010 78.27	1839V-010 87.16	1	12	600
1-1/4	1829V-012 108.27	1839V-012 138.18	1	8	600
1-1/2	1829V-015 130.39	1839V-015 144.76	1	8	600
2	1829V-020 172.06	1839V-020 189.49	1	4	600
Socket Ends					
2-1/2	1822V-025 330.76	1832V-025 448.17	1	0	601
3	1822V-030 370.67	1832V-030 484.53	1	0	601
4	1822V-040 626.28	1832V-040 818.66	1	0	601
6	1822V-060 1591.65	1832V-060 1876.69	1	0	612
SR Threaded Ends					
1/2	1821V-005SR 56.73	1831V-005SR 63.00	1	18	600
3/4	1821V-007SR 68.57	1831V-007SR 75.99	1	18	600
1	1821V-010SR 81.14	1831V-010SR 90.05	1	12	600
1-1/4	1821V-012SR 116.89	1831V-012SR 146.81	1	8	600
1-1/2	1821V-015SR 139.69	1831V-015SR 154.05	1	8	600
2	1821V-020SR 182.12	1831V-020SR 199.33	1	4	600

PVC True Union 2000 Industrial Vented/Bleach Ball Valves (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
SR Threaded Ends					
2-1/2	1821V-025SR 357.79	1831V-025SR 475.18	1	0	601
3	1821V-030SR 463.13	1831V-030SR 511.56	1	0	601
4	1821V-040SR 768.34	1831V-040SR 850.23	1	0	601
Flanged Ends					
1/2	1823V-005 79.57	1833V-005 85.00	1	8	600
3/4	1823V-007 100.65	1833V-007 109.46	1	8	600
1	1823V-010 121.80	1833V-010 130.98	1	8	600
1-1/4	1823V-012 143.03	1833V-012 195.97	1	8	600
1-1/2	1823V-015 180.12	1833V-015 195.97	1	4	600
2	1823V-020 286.80	1833V-020 304.19	1	0	600
2-1/2	1823V-025 529.66	1833V-025 538.41	1	0	601
3	1823V-030 585.43	1833V-030 726.84	1	0	601
4	1823V-040 1177.11	1833V-040 1364.47	1	0	601
6	1823V-060 2506.31	1833V-060 2906.00	1	0	612

Schedule 80 PVC Industrial Products & Accessories True Union 2000 Industrial 3-Way Ball Valves



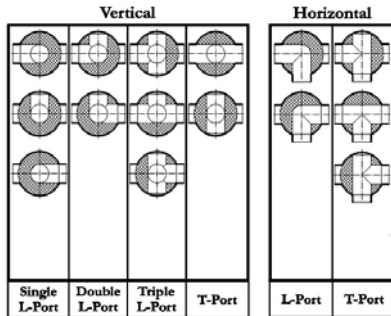
Pressure Rating @ 73°F (23°C), Water
 1/2" - 2" 235 psi
 2-1/2" - 4" 150 psi
 Flanged 150 psi
 Maximum Service Temperature
 PVC = 140°F (60°C)

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	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	5022L1-005 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
Mainline Socket Tee x Valve Socket					
1/2	182901-005 155.03	183901-005 167.01	1	12	263
3/4	182901-007 169.43	183901-007 183.15	1	8	263
1	182901-010 172.62	183901-010 193.22	1	8	263
2	182901-020 286.10	183901-020 334.03	1	0	263
3/4X1/2	182901-101 157.61	183901-101 169.56	1	12	263
1X1/2	182901-130 162.79	183901-130 174.79	1	8	263
1X3/4	182901-131 172.62	183901-131 193.22	1	8	263
1-1/4X1/2	182901-166 171.52	183901-166 183.49	1	8	263
1-1/4X3/4	182901-167 175.81	183901-167 189.55	1	8	263
1-1/4X1	182901-168 187.83	183901-168 208.45	1	8	263
1-1/2X1/2	182901-209 171.52	183901-209 183.51	1	8	263
1-1/2X3/4	182901-210 175.81	183901-210 189.55	1	8	263
1-1/2X1	182901-211 187.83	183901-211 208.45	1	8	263
2X1/2	182901-247 221.81	183901-247 233.86	1	8	263
2X3/4	182901-248 228.37	183901-248 242.06	1	8	263
2X1	182901-249 238.11	183901-249 258.73	1	8	263
2X1-1/2	182901-251 293.79	183901-251 319.52	1	8	263
3X1/2	182901-333 226.32	183901-333 238.31	1	0	263
3X1	182901-335 242.50	183901-335 263.11	1	4	263
3X1-1/2	182901-337 278.22	183901-337 303.97	1	0	263
3X2	182901-338 302.52	183901-338 350.47	1	0	263
4X1	182901-417 280.31	183901-417 300.91	1	0	263
4X1-1/2	182901-419 316.05	183901-419 341.78	1	0	263
4X2	182901-420 372.73	183901-420 420.69	1	0	263
6X2	182901-528 438.20	183901-528 486.16	1	0	263
8X2	182901-578 668.62	183901-578 716.59	1	0	263

PVC Metric

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Mainline Socket Tee x Valve Socket					
20	182901M-020 155.03	183901M-020 167.01	1	8	263

PVC Metric (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Mainline Socket Tee x Valve Socket					
25	182901M-025 169.43	183901M-025 183.15	1	8	263
32	182901M-032 172.62	183901M-032 193.22	1	8	263
40	182901M-040 239.86	183901M-040 257.20	1	8	263
50	182901M-050 251.13	183901M-050 325.54	1	8	263
63	182901M-063 286.10	183901M-063 334.03	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
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Socket & Threaded Ends

1/2	3629-005 37.78	3639-005 42.02	1	18	608
3/4	3629-007 44.68	3639-007 49.70	1	18	608
1	3629-010 53.22	3639-010 59.28	1	12	608
1-1/4	3629-012 73.61	3639-012 93.96	1	8	608
1-1/2	3629-015 88.68	3639-015 98.44	1	8	608
2	3629-020 117.02	3639-020 128.84	1	4	608

Socket Ends

2-1/2	3622-025 224.15	3632-025 304.76	1	0	609
3	3622-030 296.53	3632-030 329.47	1	0	609
4	3622-040 500.87	3632-040 556.71	1	0	609

Threaded Ends

2-1/2	3621-025 224.15	3631-025 304.76	1	0	609
3	3621-030 296.53	3631-030 329.47	1	0	609
4	3621-040 500.87	3631-040 556.71	1	0	609

SR Threaded Ends

1/2	3621-005SR 38.60	3631-005SR 42.83	1	18	608
3/4	3621-007SR 46.61	3631-007SR 51.67	1	18	608
1	3621-010SR 55.16	3631-010SR 61.22	1	18	608
1-1/4	3621-012SR 79.49	3631-012SR 99.83	1	12	608
1-1/2	3621-015SR 94.98	3631-015SR 104.73	1	8	608
2	3621-020SR 123.83	3631-020SR 135.67	1	8	608
2-1/2	3621-025SR 243.30	3631-025SR 323.13	1	0	609
3	3621-030SR 314.94	3631-030SR 347.86	1	0	609
4	3621-040SR 522.50	3631-040SR 578.17	1	0	609

Spigot Ends

1/2	3627-005 37.78	3637-005 42.02	1	18	608
3/4	3627-007 44.68	3637-007 49.70	1	18	608
1	3627-010 53.22	3637-010 59.28	1	12	608
1-1/4	3627-012 73.61	3637-012 93.96	1	12	608
1-1/2	3627-015 88.68	3637-015 98.44	1	8	608

PVC Standard (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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Spigot Ends

2	3627-020 117.02	3637-020 128.84	1	8	608
2-1/2	3627-025 224.90	3637-025 304.76	1	0	609
3	3627-030 296.53	3637-030 329.47	1	0	609
4	3627-040 500.87	3637-040 556.71	1	0	609

Flanged Ends

1/2	3623-005 54.03	3633-005 57.62	1	8	608
3/4	3623-007 68.45	3633-007 74.44	1	8	608
1	3623-010 82.82	3633-010 89.06	1	8	608
1-1/4	3623-012 97.23	3633-012 108.07	1	4	608
1-1/2	3623-015 122.48	3633-015 133.28	1	4	608
2	3623-020 195.02	3633-020 206.85	1	0	608
2-1/2	3623-025 360.18	3633-025 366.14	1	0	609
3	3623-030 373.23	3633-030 494.27	1	0	609
4	3623-040 800.44	3633-040 927.83	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.

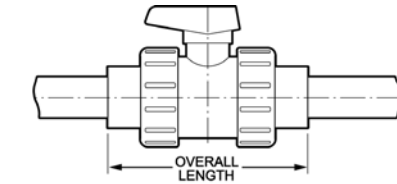
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

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

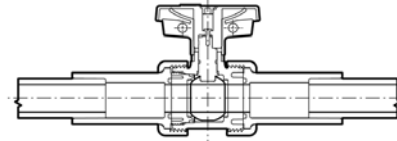
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



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
1/2	1822R-005 47.21	1832R-005 52.51	1	18	600
3/4	1822R-007 55.86	1832R-007 62.14	1	18	600
1	1822R-010 66.52	1832R-010 74.09	1	12	600
1-1/4	1822R-012 92.02	1832R-012 117.46	1	8	600
1-1/2	1822R-015 110.84	1832R-015 123.04	1	8	600
2	1822R-020 146.26	1832R-020 161.06	1	4	600
2-1/2	1822R-025 281.15	1832R-025 380.96	1	0	601
3	1822R-030 370.67	1832R-030 411.86	1	0	601
4	1822R-040 626.28	1832R-040 695.87	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.

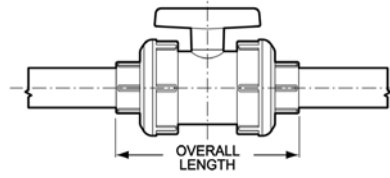
Retrofit valve consists of Spears® Industrial True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

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

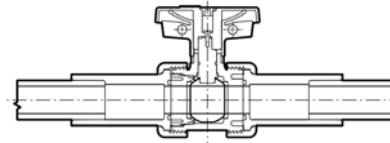
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



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
1/2	1822RS-005 47.21	1832RS-005 52.51	1	18	600
3/4	1822RS-007 55.86	1832RS-007 62.14	1	18	600
1	1822RS-010 66.52	1832RS-010 74.09	1	12	600
1-1/4	1822RS-012 92.02	1832RS-012 117.46	1	8	600
1-1/2	1822RS-015 110.84	1832RS-015 123.04	1	8	600
2	1822RS-020 146.26	1832RS-020 161.06	1	4	600
2-1/2	1822RS-025 281.15	1832RS-025 380.96	1	0	601
3	1822RS-030 370.67	1832RS-030 411.86	1	0	601
4	1822RS-040 626.28	1832RS-040 695.87	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.

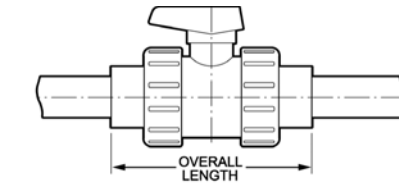
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

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.

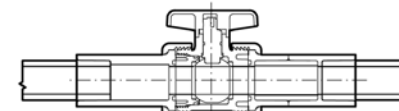
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



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 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

PVC - Socket Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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

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.

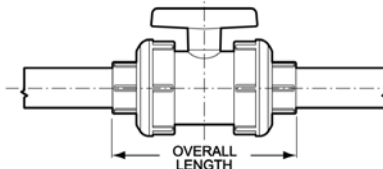
Retrofit valve consists of Spears® Standard True Union 2000 Ball Valve supplied with factory installed extended-socket end connectors. Simply cut out old valve to specified dimensions and install Retrofit Valve end connectors.

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

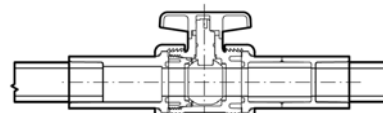
Retrofit End Connector Sets without valve are also available - See Ball Valve Accessories & Repair Kits



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

PVC - Socket Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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



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
4	3622RS-040 500.87	3632RS-040 556.71	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
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Socket & Threaded Ends

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
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

Socket Ends

2-1/2	2322-025 307.61	2332-025 416.81	1	0	230
3	2322-030 405.56	2332-030 450.63	1	0	230
4	2322-040 685.23	2332-040 761.35	1	0	230

Socket Venturied Ends

6 VENTURIED	2322-060 914.24	2332-060 996.12	1	0	231
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Threaded Ends

2-1/2	2321-025 307.61	2331-025 416.81	1	0	230
3	2321-030 405.56	2331-030 450.63	1	0	230
4	2321-040 685.23	2331-040 761.35	1	0	230

Flanged Ends

1/2	2323-005 77.78	2333-005 82.97	6	0	230
3/4	2323-007 98.53	2333-007 107.16	5	0	230
1	2323-010 119.27	2333-010 128.21	5	0	230
1-1/4	2323-012 140.00	2333-012 155.56	2	0	230
1-1/2	2323-015 176.32	2333-015 191.84	3	0	230
2	2323-020 280.78	2333-020 297.78	2	0	230
2-1/2	2323-025 492.60	2333-025 500.72	1	0	230

PVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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Flanged Ends

3	2323-030 544.45	2333-030 675.97	1	0	230
4	2323-040 1094.70	2333-040 1268.95	1	0	230

Flanged Venturied Ends

6 VENTURIED	2323-060 1596.52	2333-060 1637.43	1	0	231
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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
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Threaded Ends

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
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Socket Ends

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
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Socket Ends

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

Threaded Ends

1/2	6621-005 20.11	6631-005 22.64	10	120	210
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PVC 2000 Compact Ball Valve (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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Threaded Ends

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

Flanged Ends

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.

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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
Flanged Ends					
1	6623-010 62.33	6633-010 65.67	10	120	210
1-1/4	6623-012 77.83	6633-012 83.50	10	120	210
1-1/2	6623-015 94.16	6633-015 102.35	10	120	210
2	6623-020 125.66	6633-020 131.17	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
Socket Ends					
1/2	2122-005 21.16	2132-005 23.83	10	80	210
3/4	2122-007 28.88	2132-007 29.57	10	0	210
1	2122-010 31.51	2132-010 35.38	10	0	210
1-1/4	2122-012 56.51	2132-012 62.82	6	0	210
1-1/2	2122-015 69.97	2132-015 73.11	5	0	210
2	2122-020 75.41	2132-020 84.74	6	0	210
3	2122-030 245.11	2132-030 275.37	1	4	211
4	2122-040 377.10	2132-040 542.81	1	0	211
6 (Lever Handle)	2122-060 489.73	2132-060 704.95	1	0	211
6 (Tee Handle)	21226-060 489.73	21326-060 704.95	1	0	211

Threaded Ends

1/2	2121-005 21.16	2131-005 23.83	10	80	210
3/4	2121-007 28.88	2131-007 29.57	10	0	210
1	2121-010 31.51	2131-010 35.38	10	0	210
1-1/4	2121-012 56.51	2131-012 62.82	6	0	210
1-1/2	2121-015 69.97	2131-015 73.11	5	0	210
2	2121-020 75.41	2131-020 84.74	6	0	210
3	2121-030 245.11	2131-030 275.37	1	4	211
4	2121-040 377.10	2131-040 542.81	1	0	211

PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Flanged Ends					
1/2	2123-005 46.78	2133-005 49.83	1	8	210
3/4	2123-007 56.60	2133-007 58.85	1	8	210
1	2123-010 62.44	2133-010 66.29	1	8	210
1-1/4	2123-012 88.40	2133-012 94.71	1	8	210
1-1/2	2123-015 102.28	2133-015 107.09	1	4	210
2	2123-020 118.72	2133-020 127.96	1	0	210
3	2123-030 318.94	2133-030 349.21	1	0	211
4	2123-040 470.46	2133-040 636.16	1	0	211
6 (Lever Handle)	2123-060 905.83	2133-060 997.09	1	0	211
6 (Tee Handle)	21236-060 905.83	21336-060 997.09	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
PVC Gray					
1/2	2621-005G 8.90	2622-005G 8.90	50	0	215
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

PVC w/EPDM O-ring Seal (continued)

Size	Threaded Ends	Socket Ends	Std Pk	Mstr Pk	Disc Code
PVC Gray					
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

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
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Valve & Adapters Threaded Ends

1/4X3/8T	1529-002 24.46	1539-002 25.57	1	25	218
1/4X1/4T	1529-002A 24.46	1539-002A 25.57	1	25	218

Valve only Threaded Ends

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

Valve only Socket Ends

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



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
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Socket & Threaded Ends

1/2	4529-005 53.54	4539-005 60.34	1	18	604
3/4	4529-007 63.84	4539-007 67.38	1	18	604
1	4529-010 75.93	4539-010 84.64	1	18	604
1-1/4	4529-012 110.88	4539-012 124.45	1	12	604
1-1/2	4529-015 127.35	4539-015 141.34	1	8	604
2	4529-020 173.87	4539-020 193.33	1	8	604

Socket Ends

2-1/2	4522-025 421.53	4532-025 448.95	1	0	605
3	4522-030 536.45	4532-030 601.33	1	0	605
4	4522-040 790.71	4532-040 833.07	1	0	605
6	4522-060 1554.91	4532-060 1723.26	1	0	558
8	4522-080 2072.19	4532-080 2297.00	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

Threaded Ends

2-1/2	4521-025 421.53	4531-025 448.95	1	0	605
3	4521-030 539.89	4531-030 605.59	1	0	605
4	4521-040 790.71	4531-040 833.07	1	0	605
6	4521-060 1554.91	4531-060 1723.26	1	0	558

SR Threaded Ends

1/2	4521-005SR 54.63	4531-005SR 61.41	1	18	604
3/4	4521-007SR 66.44	4531-007SR 69.98	1	18	604
1	4521-010SR 78.50	4531-010SR 87.23	1	18	604
1-1/4	4521-012SR 116.03	4531-012SR 129.57	1	12	604
1-1/2	4521-015SR 135.65	4531-015SR 149.63	1	8	604
2	4521-020SR 182.85	4531-020SR 202.32	1	8	604
2-1/2	4521-025SR 444.50	4531-025SR 471.94	1	0	605
3	4521-030SR 551.13	4531-030SR 471.94	1	0	605
4	4521-040SR 817.52	4531-040SR 859.90	1	0	605
6	4521-060SR 1599.30	4531-060SR 1769.16	1	0	558

PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
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Spigot Ends

1/2	4527-005 53.54	4537-005 60.34	1	18	604
3/4	4527-007 63.84	4537-007 67.38	1	18	604
1	4527-010 75.93	4537-010 84.64	1	12	604
1-1/4	4527-012 110.88	4537-012 124.45	1	12	604
1-1/2	4527-015 127.35	4537-015 141.34	1	8	604
2	4527-020 173.87	4537-020 193.33	1	8	604
2-1/2	4527-025 421.53	4537-025 448.95	1	0	605
3	4527-030 477.31	4537-030 602.66	1	0	605
4	4527-040 790.71	4537-040 833.07	1	0	605
6	4527-060 1554.91	4537-060 1723.26	1	0	558

Flanged Ends

1/2	4523-005 75.49	4533-005 94.74	1	8	604
3/4	4523-007 91.30	4533-007 113.62	5	0	604
1	4523-010 108.21	4533-010 132.21	5	0	604
1-1/4	4523-012 133.84	4533-012 173.01	2	0	604
1-1/2	4523-015 184.68	4533-015 200.72	3	0	604
2	4523-020 260.65	4533-020 266.83	2	0	604
2-1/2	4523-025 539.96	4533-025 628.80	1	0	605
3	4523-030 755.31	4533-030 878.30	1	0	605
4	4523-040 1022.38	4533-040 1186.70	1	0	605
6	4523-060 2448.69	4533-060 2840.47	1	0	558
8	4523-080 3180.11	4533-080 3696.56	1	0	559

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

1/2	2229-005 58.59	2239-005 66.02	1	18	220
3/4	2229-007 69.85	2239-007 73.74	1	12	220
1	2229-010 83.07	2239-010 92.61	1	8	220
1-1/4	2229-012 121.32	2239-012 136.15	1	8	220
1-1/2	2229-015 139.34	2239-015 154.64	1	8	220
2	2229-020 190.23	2239-020 211.53	1	4	220

Socket Ends

2-1/2	2222-025 461.19	2232-025 491.19	1	0	220
3	2222-030 557.14	2232-030 647.41	1	0	220
4	2222-040 865.12	2232-040 911.49	1	0	220

Socket Venturied Ends

6 VENTURIED	2222-060 1168.77	2232-060 1323.88	1	0	221
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Threaded Ends

2-1/2	2221-025 461.19	2231-025 491.19	1	0	220
3	2221-030 557.14	2231-030 647.41	1	0	220
4	2221-040 865.12	2231-040 911.49	1	0	220

Flanged Ends

1/2	2223-005 82.60	2233-005 103.68	6	0	220
3/4	2223-007 99.89	2233-007 124.31	5	0	220
1	2223-010 118.40	2233-010 144.66	5	0	220
1-1/4	2223-012 146.44	2233-012 189.30	2	0	220
1-1/2	2223-015 202.05	2233-015 219.63	3	0	220
2	2223-020 285.18	2233-020 291.95	2	0	220
2-1/2	2223-025 590.78	2233-025 687.99	1	0	220
3	2223-030 826.39	2233-030 960.96	1	0	220
4	2223-040 1118.61	2233-040 1298.39	1	0	220

Flanged Venturied Ends

6 VENTURIED	2223-060 1399.93	2233-060 1561.95	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
PVC					
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
PVC					
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

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

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

Schedule 80 PVC Industrial Products & Accessories
Y-Check Valves



PVC Clear - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1622-005CL 84.18	1632-005CL 93.36	1	18	628
3/4	1622-007CL 90.30	1632-007CL 101.02	1	18	628
1	1622-010CL 99.48	1632-010CL 110.18	1	12	628
1-1/4	1622-012CL 156.10	1632-012CL 172.95	1	8	628
1-1/2	1622-015CL 169.87	1632-015CL 188.24	1	8	628
2	1622-020CL 211.20	1632-020CL 234.17	1	4	628
3	1622-030CL 417.81	1632-030CL 463.71	1	0	628
4	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
1/2	162B-005 91.83	163B-005 101.02	1	12	627
3/4	162B-007 97.94	163B-007 110.18	1	8	627
1	162B-010 108.66	163B-010 119.36	1	8	627
1-1/4	162B-012 168.36	163B-012 188.24	1	4	627
1-1/2	162B-015 185.18	163B-015 205.09	1	0	627
2	162B-020 229.56	163B-020 254.04	2	0	627
3	162B-030 454.53	163B-030 495.86	1	0	627
4	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
1/2	1621-005CLSR 87.24	1631-005CLSR 96.43	1	18	628
3/4	1621-007CLSR 94.88	1631-007CLSR 105.60	1	12	628
1	1621-010CLSR 105.60	1631-010CLSR 116.31	1	8	628
1-1/4	1621-012CLSR 165.28	1631-012CLSR 182.12	1	8	628
1-1/2	1621-015CLSR 183.65	1631-015CLSR 202.02	1	4	628
2	1621-020CLSR 226.50	1631-020CLSR 249.46	1	0	628
3	1621-030CLSR 459.14	1631-030CLSR 505.04	1	0	628
4	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
1/2	162B-005SR 94.88	163B-005SR 104.07	1	12	627
3/4	162B-007SR 102.53	163B-007SR 113.26	1	8	627
1	162B-010SR 113.26	163B-010SR 125.50	1	8	627
1-1/4	162B-012SR 179.06	163B-012SR 197.41	1	4	627
1-1/2	162B-015SR 200.48	163B-015SR 220.38	1	0	627
2	162B-020SR 246.40	163B-020SR 272.40	1	0	627
3	162B-030SR 498.91	163B-030SR 549.43	1	0	627
4	162B-040SR 837.14	163B-040SR 925.90	1	0	627

PVC Clear - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1623-005CL 110.18	1633-005CL 122.45	1	8	628
3/4	1623-007CL 120.90	1633-007CL 134.68	1	8	628
1	1623-010CL 145.39	1633-010CL 162.22	1	8	628
1-1/4	1623-012CL 224.97	1633-012CL 249.46	1	4	628
1-1/2	1623-015CL 238.76	1633-015CL 264.76	1	4	628
2	1623-020CL 319.86	1633-020CL 355.04	1	0	628
3	1623-030CL 625.94	1633-030CL 694.81	1	0	628
4	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
1/2	162A-005CL 91.83	163A-005CL 101.02	1	12	628
3/4	162A-007CL 97.94	163A-007CL 110.18	1	8	628
1	162A-010CL 108.66	163A-010CL 119.36	1	8	628
1-1/4	162A-012CL 169.87	163A-012CL 188.24	1	4	628
1-1/2	162A-015CL 185.18	163A-015CL 205.09	1	0	628
2	162A-020CL 229.56	163A-020CL 254.04	2	0	628
3	162A-030CL 454.53	163A-030CL 495.86	1	0	628
4	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
1/2	162A-005 91.83	163A-005 101.02	1	12	627
3/4	162A-007 97.94	163A-007 110.18	1	8	627
1	162A-010 108.66	163A-010 119.36	1	8	627
1-1/4	162A-012 169.87	163A-012 188.24	1	4	627
1-1/2	162A-015 185.18	163A-015 205.09	1	0	627
2	162A-020 229.56	163A-020 254.04	2	0	627
3	162A-030 454.53	163A-030 495.86	1	0	627
4	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
1/2	162B-005CL 91.83	163B-005CL 101.02	1	12	628
3/4	162B-007CL 97.94	163B-007CL 110.18	1	8	628
1	162B-010CL 108.66	163B-010CL 119.36	1	8	628
1-1/4	162B-012CL 169.87	163B-012CL 188.24	1	4	628
1-1/2	162B-015CL 185.18	163B-015CL 205.09	1	0	628
2	162B-020CL 229.56	163B-020CL 254.04	2	0	628
3	162B-030CL 454.53	163B-030CL 495.86	1	0	628
4	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
1/2	162B-005CLSR 94.88	163B-005CLSR 104.07	1	12	628
3/4	162B-007CLSR 102.53	163B-007CLSR 113.26	1	8	628
1	162B-010CLSR 113.26	163B-010CLSR 125.50	1	8	628
1-1/4	162B-012CLSR 179.06	163B-012CLSR 197.41	1	4	628
1-1/2	162B-015CLSR 200.48	163B-015CLSR 220.38	1	0	628

PVC Clear - True Union SR Threaded Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	162B-020CLSR 246.40	163B-020CLSR 272.40	1	0	628
3	162B-030CLSR 498.91	163B-030CLSR 549.43	1	0	628
4	162B-040CLSR 837.14	163B-040CLSR 925.90	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
Wafer					
2	5420-020 385.09	5430-020 424.33	1	18	289
2-1/2	5420-025 530.69	5430-025 584.85	1	0	289
3	5420-030 678.83	5430-030 748.05	1	8	289
4	5420-040 923.19	5430-040 1017.36	1	4	289
6	5420-060 1399.61	5430-060 1542.36	1	0	289
8	5420-080 2374.63	5430-080 2616.83	1	0	289
10	5420-100 4366.31	5430-100 4846.59	1	0	289
12	5420-120 6156.44	5430-120 6833.66	1	0	289
14	5420-140 8793.94	---	1	0	289
16	5420-160 12212.80	---	1	0	289
18	5420-180 15264.85	---	1	0	289
20	5420-200 19081.05	---	1	0	289
24	5420-240 27256.74	---	1	0	289

Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	5423-020 491.20	5433-020 528.24	1	8	289
2-1/2	5423-025 639.32	5433-025 696.11	1	0	289
3	5423-030 918.27	5433-030 1009.59	1	0	289
4	5423-040 1192.26	5433-040 1330.47	1	0	289
6	5423-060 1932.78	5433-060 2211.72	1	0	289

PVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Flanged Ends					
8	5423-080 2769.57	5433-080 3268.20	1	0	289
10	5423-100 5099.79	5433-100 5815.62	1	0	289
12	5423-120 7225.10	5433-120 7685.85	1	0	289
14	5423-140 10187.39	5433-140 10836.99	4	0	289
16	5423-160 14338.77	5433-160 15481.40	1	0	289
18	5423-180 18319.43	5433-180 19595.64	1	0	289
20	5423-200 24077.89	5433-200 25783.73	1	0	289
24	5423-240 31537.47	5433-240 33924.26	1	0	289

Spigot (Plain End)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	5427-020 209.82	5437-020 246.84	1	12	289
2-1/2	5427-025 288.81	5437-025 345.60	1	12	289
3	5427-030 387.54	5437-030 478.87	1	8	289
4	5427-040 508.50	5437-040 646.74	1	4	289
6	5427-060 1081.16	5437-060 1360.10	1	0	289
8	5427-080 1611.90	5437-080 2110.49	1	0	289
10	5427-100 3942.07	5437-100 4657.91	1	0	289
12	5427-120 5339.21	5437-120 6259.09	1	0	289
14	5427-140 7125.66	5437-140 8187.78	1	0	289
16	5427-160 10720.62	5437-160 12569.19	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
Spigot (Plain End)					
18	5427-180 13400.78	5437-180 15710.07	1	0	289
20	5427-200 16750.52	5437-200 19636.33	1	0	289
24	5427-240 23929.28	5437-240 28050.93	1	0	289

Threaded Ends

2	5421A-020 204.89	5431A-020 241.91	1	4	289
2-1/2	5421A-025 278.94	5431A-025 335.69	1	8	289
3	5421A-030 380.15	5431A-030 471.46	1	8	289
4	5421A-040 498.63	5431A-040 636.85	1	4	289
6	5421A-060 1061.43	5431A-060 1340.35	1	0	289
8	5421A-080 1594.63	5431A-080 2093.22	1	0	289
10	5421A-100 3934.01	5431A-100 4651.01	1	0	289

PVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Threaded Ends					
12	5421A-120 5332.63	5431A-120 6252.52	1	0	289

Grooved Ends

2	542G-020 232.03	543G-020 269.05	1	12	289
2-1/2	542G-025 303.62	543G-025 360.38	1	8	289
3	542G-030 399.88	543G-030 491.20	1	8	289
4	542G-040 538.13	543G-040 676.35	1	4	289
6	542G-060 1125.60	543G-060 1404.55	1	0	289
8	542G-080 1661.24	543G-080 2159.88	1	0	289
10	542G-100 4021.06	543G-100 4736.90	1	0	289
12	542G-120 5445.34	543G-120 6366.09	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
PVC					
3/4	4423-007 465.38	4433-007 492.26	1	12	108
1	4423-010 536.30	4433-010 584.47	1	4	108
1-1/4	4423-012 670.85	4433-012 709.80	1	0	108
1-1/2	4423-015 735.43	4433-015 821.63	1	0	108
2	4423-020 846.67	4433-020 940.77	1	0	108
2-1/2	4423-025 1416.97	4433-025 1671.60	1	0	110
3	4423-030 1584.68	4433-030 2076.63	1	0	110
4	4423-040 2019.80	4433-040 2371.43	1	0	110
6	4423-060 3838.62	4433-060 4505.53	1	0	110
8	4423-080 7355.03	4433-080 8597.06	1	0	110

Swing Check Valve With Arrow Indicator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
PVC					
3/4	4423I-007 473.02	4433I-007 499.93	1	12	108
1	4423I-010 543.94	4433I-010 608.97	1	4	108
1-1/4	4423I-012 694.66	4433I-012 763.36	1	0	108
1-1/2	4423I-015 805.62	4433I-015 763.36	1	0	108
2	4423I-020 872.28	4433I-020 952.15	1	0	108
2-1/2	4423I-025 1425.05	4433I-025 1585.33	1	0	110
3	4423I-030 1659.60	4433I-030 1585.33	1	0	110
4	4423I-040 2028.00	4433I-040 2410.12	1	0	110
6	4423I-060 3846.64	4433I-060 4542.63	1	0	110
8	4423I-080 7471.94	4433I-080 8640.99	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
PVC					
3/4	4423CB-007 736.12	4433CB-007 787.82	1	8	108
1	4423CB-010 823.45	4433CB-010 882.04	1	4	108
1-1/4	4423CB-012 994.64	4433CB-012 1033.95	1	0	108
1-1/2	4423CB-015 1067.16	4433CB-015 1246.38	1	0	108
2	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
PVC					
2-1/2	4423CB-025 1771.73	4433CB-025 2025.76	1	0	110
3	4423CB-030 1995.27	4433CB-030 2302.13	1	0	110
4	4423CB-040 2390.77	4433CB-040 2742.37	1	0	110
6	4423CB-060 4262.72	4433CB-060 4262.72	1	0	110
8	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-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
3/4	SK-ERK-007 24.98	SK-VRK-007 30.45	1	10	299
1	SK-ERK-010 32.62	SK-VRK-010 39.79	1	10	299
1-1/2 & 1-1/4	SK-ERK-015 78.00	SK-VRK-015 98.65	1	10	299
2	SK-ERK-020 83.74	SK-VRK-020 102.11	1	10	299
2-1/2	SK-ERK-025 88.56	SK-VRK-025 113.34	1	10	299
3	SK-ERK-030 100.41	SK-VRK-030 122.52	1	10	299
4	SK-ERK-040 109.55	SK-VRK-040 133.59	1	10	299
6	SK-ERK-060 217.74	SK-VRK-060 257.04	1	10	299
8	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
Threaded Ends						
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
Flanged Ends						
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 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 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

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
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



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	721311-015 266.60	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

Gear Operator

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
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

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
Lever Handle						
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
Lever Handle						
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
Lever Handle						
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

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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
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
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
14	722321-140 5759.39	723321-140 13996.15	1	0	251

Polypropylene - Gear Operator (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
18	722321-180P 26039.51	723321-180P 29834.86	1	0	257
20	722321-200P 29215.80	723321-200P 35512.53	1	0	257
24	722321-240P 33092.72	723321-240P 47739.89	1	0	257

Polypropylene - Gear Operator

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
16	722321-160P 23639.20	723321-160P 25605.47	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
Lever Handle						
2	751311-020 277.20	752311-020 277.20	753311-020 573.66	1	0	250
2-1/2	751311-025 294.29	752311-025 294.29	753311-025 582.20	1	0	250
3	751311-030 298.57	752311-030 298.57	753311-030 592.87	1	0	250
4	751311-040 345.51	752311-040 345.51	753311-040 742.16	1	0	250
6	751311-060 511.84	752311-060 511.84	753311-060 1185.74	1	0	250
8	751311-080 870.11	752311-080 870.11	753311-080 2008.94	1	0	250

Gear Operator

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
2	751321-020 784.83	752321-020 784.83	753321-020 1002.35	1	0	250
2-1/2	751321-025 795.45	752321-025 795.45	753321-025 1040.71	1	0	250
3	751321-030 808.28	752321-030 808.28	753321-030 1100.46	1	0	250
4	751321-040 848.79	752321-040 848.79	753321-040 1245.46	1	0	250
6	751321-060 1019.43	752321-060 1019.43	753321-060 1693.31	1	0	250
8	751321-080 1377.67	752321-080 1377.67	753321-080 2516.52	1	0	250

PVC

Size	Buna-N Seat	EPDM Seat	Viton® Seat	Std Pk	Mstr Pk	Disc Code
Valve Only						
2	751301-020 258.03	752301-020 258.03	753301-020 509.70	1	0	250
2-1/2	751301-025 266.60	752301-025 266.60	753301-025 526.74	1	0	250
3	751301-030 272.99	752301-030 272.99	753301-030 537.41	1	0	250
4	751301-040 315.63	752301-040 315.63	753301-040 673.90	1	0	250
6	751301-060 477.69	752301-060 477.69	753301-060 1091.91	1	0	250
8	751301-080 827.48	752301-080 827.48	753301-080 1842.59	1	0	250



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
3	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
6	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
3	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
6	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
------	----------	--------	-------------	--------	---------	-----------

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	---	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

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

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Schedule 80 PVC Industrial Products & Accessories Diaphragm Valves

PVC - Flanged Ends (continued)

Size	EPDM Diaphragm	Viton® Diaphragm	EPDM Backed PTFE Diaphragm	Viton® Backed PTFE Diaphragm	Std Pk	Mstr Pk	Disc Code
2	2723-020 432.93	2733-020 463.14	2793T-020 617.71	2793VT-020 706.19	1	0	270
2-1/2	2723-025 604.73	2733-025 691.23	2793T-025 955.18	2793VT-025 1094.04	1	0	271
3	2723-030 808.54	2733-030 898.44	2793T-030 1252.55	2793VT-030 1385.94	1	0	271
4	2723-040 1120.00	2733-040 1221.34	2793T-040 1735.76	2793VT-040 1928.56	1	0	271
6	2723-060 2705.80	2733-060 3167.98	2793T-060 4494.84	2793VT-060 4939.44	1	0	271
8	2723-080 5410.06	2733-080 5700.85	2793T-080 6670.97	2793VT-080 7494.49	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
1/2	1722-005 79.57	1732-005 84.18	1	12	620
3/4	1722-007 93.36	1732-007 99.48	1	8	620
1	1722-010 111.71	1732-010 119.36	1	8	620
1-1/4	1722-012 136.21	1732-012 149.99	1	4	620
1-1/2	1722-015 182.12	1732-015 192.83	1	0	620
2	1722-020 258.64	1732-020 275.49	2	0	620
3	1722-030 557.07	1732-030 606.05	1	0	620
4	1722-040 945.80	1732-040 1029.99	1	0	620

PVC Clear - Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1722-005CL 79.57	1732-005CL 84.18	1	12	621
3/4	1722-007CL 93.36	1732-007CL 99.48	1	8	621
1	1722-010CL 111.71	1732-010CL 119.36	1	8	621
1-1/4	1722-012CL 136.21	1732-012CL 149.99	1	4	621
1-1/2	1722-015CL 182.12	1732-015CL 192.83	1	0	621
2	1722-020CL 258.64	1732-020CL 275.49	2	0	621
3	1722-030CL 557.07	1732-030CL 606.05	1	0	621
4	1722-040CL 945.80	1732-040CL 1029.99	1	0	621

PVC - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1721-005SR 82.64	1731-005SR 87.24	1	8	620
3/4	1721-007SR 97.94	1731-007SR 104.07	1	8	620
1	1721-010SR 117.85	1731-010SR 125.50	1	8	620
1-1/4	1721-012SR 160.68	1731-012SR 169.87	1	0	620
1-1/2	1721-015SR 197.41	1731-015SR 206.61	1	0	620
2	1721-020SR 278.54	1731-020SR 292.32	1	0	620
3	1721-030SR 598.39	1731-030SR 647.37	1	0	620
4	1721-040SR 988.66	1731-040SR 1072.82	1	0	620

PVC Clear - SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1721-005CLSR 82.64	1731-005CLSR 87.24	1	8	621
3/4	1721-007CLSR 97.94	1731-007CLSR 104.07	1	8	621
1	1721-010CLSR 117.85	1731-010CLSR 125.50	1	8	621
1-1/4	1721-012CLSR 160.68	1731-012CLSR 169.87	1	0	621
1-1/2	1721-015CLSR 197.41	1731-015CLSR 206.61	1	0	621
2	1721-020CLSR 278.54	1731-020CLSR 292.32	1	0	621
3	1721-030CLSR 598.39	1731-030CLSR 647.37	1	0	621
4	1721-040CLSR 988.66	1731-040CLSR 1072.82	1	0	621

PVC - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1723-005 111.71	1733-005 116.31	1	8	620
3/4	1723-007 128.55	1733-007 134.68	1	4	620
1	1723-010 151.50	1733-010 157.63	1	4	620
1-1/4	1723-012 177.52	1733-012 189.77	1	0	620
1-1/2	1723-015 223.44	1733-015 234.17	1	0	620
2	1723-020 313.72	1733-020 329.04	1	0	620
3	1723-030 612.18	1733-030 661.15	1	0	620
4	1723-040 1215.14	1733-040 1288.62	1	0	620

PVC Clear - Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	1723-005CL 111.71	1733-005CL 116.31	1	8	621
3/4	1723-007CL 128.55	1733-007CL 134.68	1	8	621
1	1723-010CL 151.50	1733-010CL 157.63	1	4	621
1-1/4	1723-012CL 177.52	1733-012CL 189.77	1	0	621
1-1/2	1723-015CL 223.44	1733-015CL 234.17	1	0	621
2	1723-020CL 313.72	1733-020CL 329.04	1	0	621
3	1723-030CL 612.18	1733-030CL 661.15	1	0	621
4	1723-040CL 1215.14	1733-040CL 1288.62	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
1/2	172A-005 94.88	173A-005 99.48	1	8	620
3/4	172A-007 110.18	173A-007 116.31	1	8	620
1	172A-010 131.62	173A-010 140.80	1	4	620
1-1/4	172A-012 160.68	173A-012 176.01	2	0	620
1-1/2	172A-015 214.26	173A-015 226.50	2	0	620
2	172A-020 303.03	173A-020 324.46	1	0	620
3	172A-030 655.02	173A-030 711.66	1	0	620
4	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
1/2	172B-005CL 94.88	173B-005CL 99.48	1	8	621
3/4	172B-007CL 110.18	173B-007CL 116.31	1	8	621
1	172B-010CL 131.62	173B-010CL 140.80	1	4	621
1-1/4	172B-012CL 160.68	173B-012CL 176.01	2	0	621
1-1/2	172B-015CL 214.26	173B-015CL 226.50	1	0	621
2	172B-020CL 303.03	173B-020CL 324.46	1	0	621
3	172B-030CL 655.02	173B-030CL 711.66	1	0	621
4	172B-040CL 1112.62	173B-040CL 1210.59	1	0	621

PVC - True Union Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172B-005 94.88	173B-005 99.48	1	8	620
3/4	172B-007 110.18	173B-007 116.31	1	8	620
1	172B-010 131.62	173B-010 140.80	1	4	620
1-1/4	172B-012 160.68	173B-012 176.01	2	0	620
1-1/2	172B-015 214.26	173B-015 226.50	1	0	620
2	172B-020 303.03	173B-020 324.46	1	0	620
3	172B-030 655.02	173B-030 711.66	1	0	620
4	172B-040 1112.62	173B-040 1210.59	1	0	620

PVC Clear - True Union SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172B-005CLSR 97.94	173B-005CLSR 102.53	1	8	621
3/4	172B-007CLSR 114.78	173B-007CLSR 122.45	1	8	621
1	172B-010CLSR 139.27	173B-010CLSR 146.93	1	4	621
1-1/4	172B-012CLSR 189.77	173B-012CLSR 200.48	2	0	621
1-1/2	172B-015CLSR 232.62	173B-015CLSR 243.34	1	0	621
2	172B-020CLSR 327.51	173B-020CLSR 344.35	1	0	621
3	172B-030CLSR 703.98	173B-030CLSR 762.14	1	0	621
4	172B-040CLSR 1163.12	173B-040CLSR 1262.61	1	0	621

PVC - True Union SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172B-005SR 97.94	173B-005SR 102.53	1	8	620
3/4	172B-007SR 114.78	173B-007SR 122.45	1	8	620
1	172B-010SR 139.27	173B-010SR 146.93	1	4	620
1-1/4	172B-012SR 189.77	173B-012SR 200.48	1	0	620
1-1/2	172B-015SR 232.62	173B-015SR 243.34	1	0	620
2	172B-020SR 327.51	173B-020SR 344.35	1	0	620
3	172B-030SR 703.98	173B-030SR 762.14	1	0	620
4	172B-040SR 1163.12	173B-040SR 1262.61	1	0	620

PVC Clear - True Union Socket Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	172A-005CL 94.88	173A-005CL 99.48	1	8	621
3/4	172A-007CL 110.18	173A-007CL 116.31	1	8	621
1	172A-010CL 131.62	173A-010CL 140.80	1	4	621
1-1/4	172A-012CL 160.68	173A-012CL 176.01	2	0	621
1-1/2	172A-015CL 214.26	173A-015CL 226.50	2	0	621
2	172A-020CL 303.03	173A-020CL 324.46	1	0	621
3	172A-030CL 655.02	173A-030CL 711.66	1	0	621
4	172A-040CL 1112.62	173A-040CL 1210.59	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
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Stainless Steel Screen

16	TF2-16 686.07	TF3-16 737.06	1	0	295
32	TF2-32 701.54	TF3-32 753.73	1	0	295
50	TF2-50 795.05	TF3-50 900.04	1	0	295
76	TF2-76 960.34	TF3-76 1031.82	1	0	295
100	TF2-100 872.94	TF3-100 937.84	1	0	295
150	TF2-150 904.18	TF3-150 971.35	1	0	295
200	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
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Stainless Steel Screen

16	MTF2-16 576.82	MTF3-16 619.66	1	0	295
32	MTF2-32 586.16	MTF3-32 629.78	1	0	295
50	MTF2-50 604.83	MTF3-50 649.82	1	0	295
76	MTF2-76 732.61	MTF3-76 787.11	1	0	295
100	MTF2-100 639.11	MTF3-100 686.55	1	0	295
150	MTF2-150 670.34	MTF3-150 720.21	1	0	295
200	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
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Stainless Steel Screen

16	TF2-16 686.07	TF3-16 737.06	1	0	295
32	TF2-32 701.54	TF3-32 753.73	1	0	295
50	TFR2-50 795.05	TFR3-50 854.13	1	0	295
76	TFR2-76 960.34	TFR3-76 1031.82	1	0	295
100	TFR2-100 872.94	TFR3-100 937.84	1	0	295
150	TFR2-150 904.18	TFR3-150 971.35	1	0	295
200	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
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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

16	MTF2-16 576.82	MTF3-16 619.66	1	0	295
32	MTF2-32 586.16	MTF3-32 629.78	1	0	295
50	MTFR2-50 604.83	MTFR3-50 649.82	1	0	295
76	MTFR2-76 732.61	MTFR3-76 787.11	1	0	295
100	MTFR2-100 639.11	MTFR3-100 686.55	1	0	295
150	MTFR2-150 670.34	MTFR3-150 720.21	1	0	295
200	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	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

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
4	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
1/2	YS2BP8-005SR 91.71	YS2BS8-005SR 176.91	YS3BP8-005SR 99.74	YS3BS8-005SR 193.95	1	12	102
3/4	YS2BP8-007SR 104.02	YS2BS8-007SR 203.71	YS3BP8-007SR 113.89	YS3BS8-007SR 228.93	1	8	102
1	YS2BP8-010SR 116.93	YS2BS8-010SR 243.66	YS3BP8-010SR 127.73	YS3BS8-010SR 266.93	1	8	102
1-1/4	YS2BP8-012SR 197.41	YS2BS8-012SR 353.45	YS3BP8-012SR 217.56	YS3BS8-012SR 388.00	1	4	102
1-1/2	YS2BP8-015SR 211.66	YS2BS8-015SR 379.44	YS3BP8-015SR 232.95	YS3BS8-015SR 414.79	1	0	102
2	YS2BP8-020SR 259.98	YS2BS8-020SR 440.81	YS3BP8-020SR 285.00	YS3BS8-020SR 485.94	1	0	102
3	YS2BP8-030SR 562.23	YS2BS8-030SR 744.27	YS3BP8-030SR 600.88	YS3BS8-030SR 782.94	1	0	102
4	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
1/2	YS2AP8-005CL 87.05	YS2AS8-005CL 172.23	YS3AP8-005CL 95.07	YS3AS8-005CL 189.26	1	12	103
3/4	YS2AP8-007CL 97.24	YS2AS8-007CL 196.96	YS3AP8-007CL 107.16	YS3AS8-007CL 222.17	1	8	103
1	YS2AP8-010CL 106.91	YS2AS8-010CL 233.66	YS3AP8-010CL 117.71	YS3AS8-010CL 256.91	1	8	103
1-1/4	YS2AP8-012CL 181.09	YS2AS8-012CL 337.12	YS3AP8-012CL 201.23	YS3AS8-012CL 371.66	1	4	103
1-1/2	YS2AP8-015CL 191.62	YS2AS8-015CL 359.36	YS3AP8-015CL 212.90	YS3AS8-015CL 394.62	1	0	103
2	YS2AP8-020CL 225.06	YS2AS8-020CL 405.88	YS3AP8-020CL 250.07	YS3AS8-020CL 451.00	1	0	103
3	YS2AP8-030CL 518.74	YS2AS8-030CL 700.76	YS3AP8-030CL 557.39	YS3AS8-030CL 739.44	1	0	103
4	YS2AP8-040CL 906.98	YS2AS8-040CL 1135.74	YS3AP8-040CL 976.23	YS3AS8-040CL 1205.00	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
1/2	YS2BP8-005CL 87.05	YS2BS8-005CL 172.23	YS3BP8-005CL 95.07	YS3BS8-005CL 189.26	1	12	103
3/4	YS2BP8-007CL 97.24	YS2BS8-007CL 196.96	YS3BP8-007CL 107.16	YS3BS8-007CL 222.17	1	8	103
1	YS2BP8-010CL 106.91	YS2BS8-010CL 233.67	YS3BP8-010CL 117.71	YS3BS8-010CL 256.91	1	8	103
1-1/4	YS2BP8-012CL 181.09	YS2BS8-012CL 337.12	YS3BP8-012CL 201.23	YS3BS8-012CL 371.66	1	4	103
1-1/2	YS2BP8-015CL 191.62	YS2BS8-015CL 359.36	YS3BP8-015CL 212.90	YS3BS8-015CL 394.62	1	0	103
2	YS2BP8-020CL 225.06	YS2BS8-020CL 405.88	YS3BP8-020CL 250.07	YS3BS8-020CL 451.00	1	0	103
3	YS2BP8-030CL 518.74	YS2BS8-030CL 700.76	YS3BP8-030CL 557.39	YS3BS8-030CL 739.44	1	0	103
4	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
1/2	YS2BP8-005CLSR 91.71	YS2BS8-005CLSR 176.91	YS3BP8-005CLSR 99.74	YS3BS8-005CLSR 193.95	1	12	103
3/4	YS2BP8-007CLSR 104.02	YS2BS8-007CLSR 203.71	YS3BP8-007CLSR 113.89	YS3BS8-007CLSR 228.93	1	8	103
1	YS2BP8-010CLSR 116.93	YS2BS8-010CLSR 243.66	YS3BP8-010CLSR 127.73	YS3BS8-010CLSR 266.93	1	8	103
1-1/4	YS2BP8-012CLSR 197.41	YS2BS8-012CLSR 353.45	YS3BP8-012CLSR 217.56	YS3BS8-012CLSR 388.00	1	4	103
1-1/2	YS2BP8-015CLSR 211.66	YS2BS8-015CLSR 379.44	YS3BP8-015CLSR 232.95	YS3BS8-015CLSR 414.79	1	0	103

**Schedule 80 PVC Industrial Products & Accessories
True Union Y-Strainers**



PVC Clear - True Union SR Threaded Ends (continued)

Size	EPDM PVC Screen	EPDM SS Screen	Viton® PVC Screen	Viton® SS Screen	Std Pk	Mstr Pk	Disc Code
2	YS2BP8-020CLSR 259.98	YS2BS8-020CLSR 440.81	YS3BP8-020CLSR 285.00	YS3BS8-020CLSR 485.94	1	0	103
3	YS2BP8-030CLSR 562.23	YS2BS8-030CLSR 744.27	YS3BP8-030CLSR 600.88	YS3BS8-030CLSR 782.94	1	0	103
4	YS2BP8-040CLSR 952.11	YS2BS8-040CLSR 1180.85	YS3BP8-040CLSR 1021.37	YS3BS8-040CLSR 1250.12	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
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

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
2-1/2	BS23P6-025 1545.52	BS23S6-025 2080.03	BS33P6-025 1736.66	BS33S6-025 2337.17	1	0	295
3	BS23P6-030 1962.23	BS23S6-030 2495.96	BS33P6-030 2204.74	BS33S6-030 2804.29	1	0	295
4	BS23P6-040 2557.34	BS23S6-040 3165.56	BS33P6-040 2873.57	BS33S6-040 3556.85	1	0	295
6	BS23P6-060 5458.09	BS23S6-060 6521.29	BS33P6-060 6132.66	BS33S6-060 7327.32	1	0	295
8	BS23P6-080 7192.60	BS23S6-080 8638.06	BS33P6-080 8081.84	BS33S6-080 9706.24	1	0	295
10	BS23P6-100 9589.24	BS23S6-100 11654.27	BS33P6-100 10774.48	BS33S6-100 13094.70	1	0	295
12	BS23P6-120 13121.45	BS23S6-120 15871.65	BS33P6-120 14743.20	BS33S6-120 17833.31	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
1/2	BS27P6-005 386.71	BS27S6-005 618.43	BS37P6-005 407.06	BS37S6-005 638.78	1	0	295
3/4	BS27P6-007 386.71	BS27S6-007 618.43	BS37P6-007 407.06	BS37S6-007 638.78	1	0	295
1	BS27P6-010 386.71	BS27S6-010 618.43	BS37P6-010 407.06	BS37S6-010 638.78	1	0	295
1-1/4	BS27P6-012 708.31	BS27S6-012 1016.26	BS37P6-012 795.65	BS37S6-012 1142.12	1	0	295
1-1/2	BS27P6-015 708.31	BS27S6-015 1016.26	BS37P6-015 795.65	BS37S6-015 1142.12	1	0	295
2	BS27P6-020 708.31	BS27S6-020 1016.26	BS37P6-020 795.65	BS37S6-020 1142.12	1	0	295
2-1/2	BS27P6-025 1339.59	BS27S6-025 1874.65	BS37P6-025 1505.88	BS37S6-025 2106.39	1	0	295
3	BS27P6-030 1634.47	BS27S6-030 2168.95	BS37P6-030 1836.53	BS37S6-030 2437.06	1	0	295
4	BS27P6-040 2164.52	BS27S6-040 2779.24	BS37P6-040 2432.03	BS37S6-040 3114.18	1	0	295
6	BS27P6-060 3090.12	BS27S6-060 4153.51	BS37P6-060 3472.16	BS37S6-060 4672.60	1	0	295
8	BS27P6-080 4118.85	BS27S6-080 5564.30	BS37P6-080 4628.90	BS37S6-080 6253.35	1	0	295
10	BS27P6-100 7893.20	BS27S6-100 9958.39	BS37P6-100 8632.28	BS37S6-100 10951.54	1	0	295
12	BS27P6-120 9779.41	BS27S6-120 12527.86	BS37P6-120 10755.21	BS37S6-120 13840.53	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
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Flanged End

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