



Schedule 80 PVC Industrial Products & Accessories Globe Valves & Needle Valves

Globe Valves



Pressure Rating @ 73°F (23°C), Water
2-1/2" - 6" 150 psi
Maximum Service Temperature
PVC = 140°F (60°C)
Temperature/Pressure De-ratings Apply
All Valves Assembled with Silicone-Free,
Water Soluble Lubricant
Suitable for Vacuum Service

Internal Repair Kit includes 1-Bonnet O-ring along with a factory assembled (required) internal component replacement unit consisting of Bonnet assembled with Stem/O-rings, Seat & Seal Carrier components. Install in valve using existing valve Bolts/Nuts/Washers, and Handle/Nut.

PVC Flanged Ends

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	6013-025 577.86	6023-025 611.54	6033-025 658.81	1	0	620
	6013-030 662.40	6023-030 691.74	6033-030 769.81	1	0	620
4	6013-040 751.49	6023-040 898.36	6033-040 987.12	1	0	620
	6013-060 1155.72	6023-060 1381.97	6033-060 1409.51	1	0	620

PVC Internal Repair Kit

Size	Buna-N	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	GL-BRK-025 192.23	GL-ERK-025 464.95	GL-VRK-025 517.13	1	0	299
	GL-BRK-030 214.23	GL-ERK-030 515.16	GL-VRK-030 574.20	1	0	299
4	GL-BRK-040 251.35	GL-ERK-040 604.11	GL-VRK-040 664.20	1	0	299
	GL-BRK-060 547.67	GL-ERK-060 928.30	GL-VRK-060 947.30	1	0	299

Needle Valves



Pressure Rating @ 73°F (23°C), Water
PVC 235 psi
Maximum Service Temperature
PVC = 140°F (60°C)
Solid PTFE Stem Seals
No Elastomer or Lubricants used
Valves include Panel Mounting Nut

PVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
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Globe Pattern

1/4	5591-002 67.71	5592-002 67.71	---	1	18	218
	5591-003 67.71	5592-003 67.71	---	1	18	218
1/2	5591-005 75.15	5592-005 75.15	5591-005SR 77.17	1	18	218

Angle Pattern

1/4	5691-002 67.71	5692-002 67.71	---	1	18	218
	5691-003 67.71	5692-003 67.71	---	1	18	218
1/2	5691-005 75.15	5692-005 75.15	5691-005SR 77.17	1	18	218

Thermoplastic Valves Needle Valves



Pressure Rating @ 73°F (23°C), Water
 PVC or CPVC 235 psi
 PP 150 psi
 Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)
 PP = 180°F (82°C)
 Solid PTFE Stem Seals
 No Elastomer or Lubricants used
 Valves include Panel Mounting Nut

PVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
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Globe Pattern

1/4	5591-002 67.71	5592-002 67.71	---	1	18	218
3/8	5591-003 67.71	5592-003 67.71	5591-003SR 61.76	1	18	218
1/2	5591-005 75.15	5592-005 75.15	5591-005SR 77.17	1	18	218

Angle Pattern

1/4	5691-002 67.71	5692-002 67.71	---	1	18	218
3/8	5691-003 67.71	5692-003 67.71	---	1	18	218
1/2	5691-005 75.15	5692-005 75.15	5691-005SR 77.17	1	18	218

CPVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
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Globe Pattern

1/4	5591-002C 79.74	5592-002C 79.74	---	1	18	219
3/8	5591-003C 79.74	5592-003C 79.74	5591-003CSR 79.56	1	18	219
1/2	5591-005C 84.33	5592-005C 84.33	5591-005CSR 86.49	1	18	219

Angle Pattern

1/4	5691-002C 79.74	5692-002C 79.74	---	1	18	219
3/8	5691-003C 79.74	5692-003C 79.74	---	1	18	219
1/2	5691-005C 84.33	5692-005C 84.33	5691-005CSR 86.49	1	18	219

PP Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
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Globe Pattern

1/4	5591-002P 74.61	---	---	1	18	219
3/8	5591-003P 74.61	---	---	1	18	219
1/2	---	---	5591-005PSR 82.51	1	18	219

Angle Pattern

1/4	5691-002P 74.61	---	---	1	18	219
3/8	5691-003P 74.61	---	---	1	18	219
1/2	---	---	5691-005PSR 82.51	1	18	219

Lab Specialty Products Lab Ball Valves & Needle Valves



Lab Ball Valves



Pressure Rating @ 73°F (23°C), Water
 1/4" - 3/8" 150 psi
 Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)
 Temperature/Pressure De-ratings Apply
 Rated for Vacuum Service

Valve & Adapters includes:

- 1 - Threaded 1/4" Valve
- 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
- 2 - EPDM or Viton® O-rings (AS568-013 size)
- 1 - End Connector Wrench
- 2 - O-ring Sealed 1/4" MPT x 3/8" I.D. Tubing Barb Adapters
- OR -
- 2 - O-ring Sealed 1/4" MPT x 1/4" I.D. Tubing Barb Adapters



Socket/Threaded Valve Only

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Valve & Adapters

PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Valve & Adapters Threaded Ends					
1/4X1/4T	1529-002A 24.46	1539-002A 25.57	1	25	218
1/4X3/8T	1529-002 24.46	1539-002 25.57	1	25	218
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

CPVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Valve & Adapters Threaded Ends					
1/4X1/4T	1529-002CA 29.36	1539-002CA 29.93	1	25	219
1/4X3/8T	1529-002C 29.36	1539-002C 29.93	1	25	219
Valve only Threaded Ends					
1/4	1521-002C 23.51	1531-002C 25.85	50	200	219
3/8	1521-003C 32.97	1531-003C 30.90	50	200	219
Valve only Socket Ends					
1/4	1522-002C 23.51	1532-002C 27.98	50	200	219
3/8	1522-003C 32.97	1532-003C 36.60	50	200	219

Needle Valves



Pressure Rating @ 73°F (23°C), Water

PVC or CPVC 235 psi
 PP 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)
 CPVC = 200°F (93°C)
 PP = 180°F (82°C)

Solid PTFE Stem Seals
 No Elastomer or Lubricants used
 Valves include Panel Mounting Nut

PVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
Globe Pattern						
1/4	5591-002 67.71	5592-002 67.71	---	1	18	218
3/8	5591-003 67.71	5592-003 67.71	5591-003SR 61.76	1	18	218
1/2	5591-005 75.15	5592-005 75.15	5591-005SR 77.17	1	18	218
Angle Pattern						
1/4	5691-002 67.71	5692-002 67.71	---	1	18	218
3/8	5691-003 67.71	5692-003 67.71	---	1	18	218
1/2	5691-005 75.15	5692-005 75.15	5691-005SR 77.17	1	18	218

CPVC Needle Valve

Size	Threaded	Socket	SR Threaded	Std Pk	Mstr Pk	Disc Code
Globe Pattern						
1/4	5591-002C 79.74	5592-002C 79.74	---	1	18	219
3/8	5591-003C 79.74	5592-003C 79.74	5591-003CSR 79.56	1	18	219
1/2	5591-005C 84.33	5592-005C 84.33	5591-005CSR 86.49	1	18	219
Angle Pattern						
1/4	5691-002C 79.74	5692-002C 79.74	---	1	18	219
3/8	5691-003C 79.74	5692-003C 79.74	---	1	18	219
1/2	5691-005C 84.33	5692-005C 84.33	5691-005CSR 86.49	1	18	219