

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

**Schedule 80 CPVC Industrial Products & Accessories
Globe Valves & Needle Valves**



Globe Valves



Pressure Rating @ 73°F (23°C), Water
2-1/2" - 6" 150 psi
Maximum Service Temperature
CPVC = 200°F (93°C)
Temperature/Pressure De-ratings Apply
All Valves Assembled with Silicone-Free,
Water Soluble Lubricant
Suitable for Vacuum Service

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

CPVC Flanged Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	6023-025C 927.20	6033-025C 973.79	1	0	622
3	6023-030C 973.34	6033-030C 1082.02	1	0	622
4	6023-040C 1264.14	6033-040C 1389.64	1	0	622
6	6023-060C 1968.31	6033-060C 1984.96	1	0	622

CPVC Internal Repair Kits

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2-1/2	GL-ERK-025C 654.71	GL-VRK-025C 727.47	1	0	299
3	GL-ERK-030C 748.96	GL-VRK-030C 822.46	1	0	299
4	GL-ERK-040C 849.24	GL-VRK-040C 934.62	1	0	299
6	GL-ERK-060C 1212.97	GL-VRK-060C 1334.74	1	0	299

Needle Valves



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

CPVC Needle Valve

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

1/4	5591-002C 79.74	5592-002C 79.74	---	1	18	219
3/8	5591-003C 79.74	5592-003C 79.74	---	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

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



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 PVC or CPVC 235 psi
 PP 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)
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 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						
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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

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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