

Lab Specialty Product
Lab Ball Valves & Needle Valves



Lab Ball Valves



Socket/Threaded Valve Only

Pressure Rating @ 73°F (23°C),
 Water

1/8" - 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

Valve & Adapters includes:

- 1 - Threaded 1/4" Valve
- 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
- 2 - EPDM or FKM 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

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Lab Valve - PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Valve & Adapters Threaded Ends

1/4X1/4T	1529-002A 30.04	1539-002A 31.40	1	25	218
1/4X3/8T	1529-002 30.04	1539-002 31.40	1	25	218

Valve only Threaded Ends

1/4	1521-002 24.00	1531-002 26.73	50	200	218
3/8	1521-003 33.74	1531-003 37.41	50	200	218

Valve Only Female x Male Thread Ends

1/8	152FM-001 30.04	153FM-001 31.40	25	200	218
1/4	152FM-002 30.04	153FM-002 31.40	25	200	218

Lab Valve - PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Valve only Socket Ends

1/4	1522-002 24.00	1532-002 27.16	50	200	218
3/8	1522-003 33.74	1532-003 37.41	50	200	218

Lab Valve - CPVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Valve & Adapters Threaded Ends

1/4X1/4T	1529-002CA 36.05	1539-002CA 36.76	1	25	219
1/4X3/8T	1529-002C 36.05	1539-002C 36.76	1	25	219

Valve only Threaded Ends

1/4	1521-002C 28.86	1531-002C 31.74	50	200	219
3/8	1521-003C 40.48	1531-003C 37.94	50	200	219

Valve Only Female x Male Thread Ends

1/8	152FM-001C 36.05	---	25	200	219
1/4	152FM-002C 36.05	---	25	200	219

Valve only Socket Ends

1/4	1522-002C 28.86	1532-002C 34.35	50	200	219
3/8	1522-003C 40.48	1532-003C 44.94	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	Prod Code
------	----------	--------	-------------	--------	---------	-----------

Globe Pattern

1/4	5591-002 83.13	5592-002 83.13	---	1	18	218
3/8	5591-003 83.13	5592-003 83.13	5591-003SR 75.82	1	18	218
1/2	5591-005 92.26	5592-005 92.26	5591-005SR 94.75	1	18	218

Angle Pattern

1/4	5691-002 83.13	5692-002 83.13	---	1	18	218
-----	-------------------	-------------------	-----	---	----	-----