

Sample Specification

1.0 Lab Valves - LV

1.1 Material

- The valve body and ball shall be made of PVC compound which shall meet or exceed the requirements of cell classification 12454 according to ASTM D1784.

1.2 Seats

- The ball seats shall be made of Teflon® (PTFE).

1.3 Seals

- The o-ring seals shall be made of EPDM.

2.0 Connections

2.1 Threaded style

- The male NPT threaded PVC end connections shall conform to the dimensional standards ASTM D2464, ASTM F1498, and ANSI B1.20.1.

2.2 Hose adaptor style

- Hose adaptors may be substituted for the male NPT threaded PVC end connections.

3.0 Design Features

- The valve shall have a double stop polypropylene handle.
- The valve shall allow for bi-directional flow.

3.1 Pressure Rating

- All valves shall be rated at 150 psi at 73°F.

3.2 Markings

- All valves shall be marked to indicate size, material designation, and manufacturers name or trade mark.

3.3 Color Coding

- All PVC valves shall be color-coded dark gray.
- 4.0 All valves shall be Xirtec® PVC by IPEX or approved equal.

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- PVC, CPVC, PP, PVDF, PE, ABS, and PEX pipe and fittings

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