

# Globe Valves

## 1.0 Scope:

All requirements are for PVC & PP Manual Globe Valves.

## 2.0 Materials:

U-PVC – Conforming to ASTM D1784 Cell Classification 12454 A

Polypropylene – Conforming to ASTM D4101 Cell Classification PP0210B67272

FKM – Viton® Fluorocarbon Rubber

EPDM – Ethylene Propylene Diene Terpolymer Rubber

## 3.0 Valves:

Globe Valves shall be PVC or PP body with FKM or EPDM seals and PVC or PP disc with rising stem. There shall be no metal to media contact. All sizes rated for full vacuum service 29.9 "Hg. Valves shall have excellent flow regulating characteristics throughout the entire lift of the disc.

## 3.1 Approved Manufacturer

Valves shall be provided by Asahi/America, Inc. of Lawrence, MA with no approved equals. Manufacturer must be ISO-9001 certified.

## 3.2 Pressure vs. Temperature

Valves shall have a pressure rating of:

150 psi at 70° F sizes 1/2" – 2"
110 psi at 70° F sizes 2-1/2" – 4"

## 4.0 Accessories

There are no accessories available for Globe Valves.

## 5.0 Installation Procedures:

All valve joints shall be prepared using the preferred joining method for the valve material and installation type in accordance with all requirements put forth in the Asahi Globe Valve Operation & Maintenance manual.