

GP-V General Purpose Ball Valves

1.0 Scope:

All requirements are for PVC GP-V ball valves.

2.0 Materials:

U-PVC – PVC GREY 9735 MRS25 Certified (2 different suppliers)

FKM – Fluorocarbon Rubber Black 70 +/-5 ShA (2 different suppliers)

EPDM – Ethylene Propylene Diene Terpolymer Rubber Black 70 +/-5 ShA (2 different suppliers)

PTFE – Polytetrafluoroethylene 020 Standard Grade Certified

Lubricant – Siliconic Oil Certified

3.0 GP-V Ball Valves:

All GP-V General Purpose ball valves sized 1/2" – 4" shall be of True-Union design with 2-way blocking capability. PTFE seats shall have elastomeric backing cushions to provide smooth even stem torque and to compensate for wear. Valves shall feature dual stem O-rings. The handle shall double as the spanner wrench for maintenance and carrier adjustment.

3.1 Operators:

GP-V ball valves 1/2" – 4" (Lever Type standard)

Lever Handle to be Asahi Standard valve handle Red color.

3.2 Approved Manufacturer

GP-V General Purpose ball valves shall be provided by Asahi/America, Inc. of Lawrence, MA with no approved equals. Manufacturer must be ISO-9001 certified.

3.3 Working Temperature:

150 psi at 70^o F sizes 1/2" – 4"

Valves shall have a pressure rating of: PVC (Socket,/Thread)

4.0 Accessories:

No accessories or modifications are factory supported.

5.0 Certifications:

5.1 NSF-61, CE, ISO-9393

PVC/EPDM and PVC/FKM models shall have NSF-61 Certification for use in drinking water applications.

NSF-61

CE Mark

ISO-9393 Testing

6.0 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 GP-V Operation & Maintenance manual. No accessories or modifications are factory supported.