

MFP2 RESILIENT WEDGE GATE VALVES FULL WALL 300PSI, 2"-12"

Suggested Specifications

1. The resilient seat gate valves shall also be UL 262 listed and FM 1120/1130 approved.
2. The valve shall have a 300 psig working pressure.
3. The valve type shall be OS&Y (outside screw & yoke) as specified.
4. The valve shall have an arrow cast on the handwheel showing opening direction. The direction of opening shall be as specified.
5. The valves shall have Type 316 stainless steel bolts and nuts for the bonnet/yoke combo. Nuts for the glands shall be silicon bronze.
6. The valve stem shall be made of stainless steel ASTM 276 material. The stem material shall provide a minimum 25,000psi tensile strength with 20% elongation and yield strength of 95,000psi.
7. The valve body and bonnet/yoke combo shall be composed of ASTM A536 ductile iron.
8. The valve disc and guide lugs must be fully (100%) encapsulated in EPDM ASTM D2000 rubber material. Guide caps of an acetal bearing material shall be placed over solid guide lugs to prevent abrasion and to reduce the operating torque.
9. The valves shall have all internal and external ferrous surfaces coated with a fusion bonded thermosetting powder epoxy coating of 10 mils nominal thickness. The coating shall conform to AWWA C550.
10. The valves shall be warranted by the manufacturer against defects in materials or workmanship for a period of ten (10) years from the date of manufacture. The manufacturing facility for the valves must have current ISO certification.
11. The OS&Y valves shall be Mueller RMFP2 (2"-12") or approved equal.

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