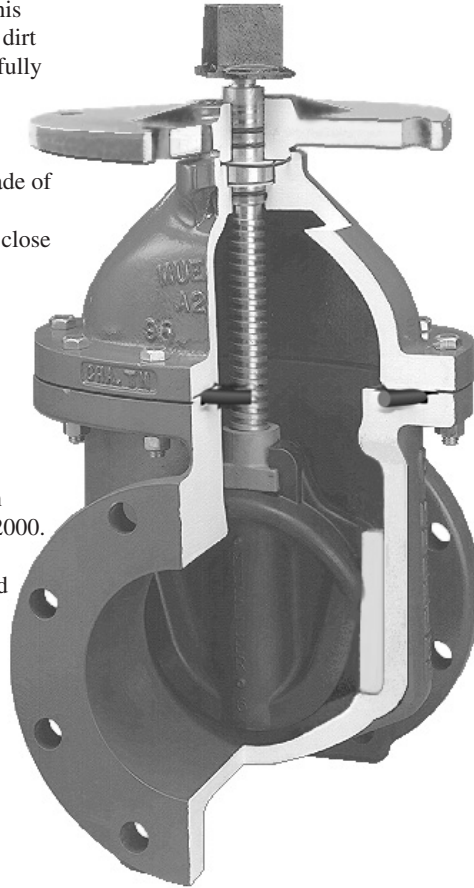


U.S. Pipe USP0 Series Resilient Wedge Gate Valves Features

U.S. Pipe Resilient Wedge Gate Valves have features to make them easier to operate and to preserve the sealing capability and interior coating integrity for many years of reliable service.

U.S. Pipe 2-1/2" – 12" USP0 Series Resilient Wedge Gate Valves Features

- ❑ TRIPLE O-RING SEALS – two above thrust collar and one below, retain lubricant in this critical area. Uppermost O-ring serves as dirt seal. Top two are replaceable with valve fully open and under pressure.
- ❑ TWO ANTI-FRICTION WASHERS WITH LUBRICATION – made of polymer, one above and one below thrust collar, reduce operating torque to open or close valve.
- ❑ STEM – forged manganese bronze bar stock is upset, then machined to form thrust collar for superior strength in this critical area – important for stems in valves 12" and smaller.
- ❑ WEDGE – cast iron, fully encapsulated in molded rubber complying with ASTM D2000.
- ❑ EXTENDED WEDGE GUIDES – molded as part of wedge, ride inside body channels to maintain wedge alignment throughout its travel, preventing disc from tilting.
- ❑ GUIDE CAP BEARINGS – made of polymer and snapped over rubber covered wedge guides, provide bearing surfaces that protect both wedge and interior body coating from wear and aid in easy operation – even the largest valves installed horizontally need no tracks or rollers.
- ❑ SMOOTH, OVERSIZED FLOW WAY – full, round, unobstructed flow way accommodates full size cutters, provides superior flow characteristics and reduces pumping costs.**
- ❑ FUSION EPOXY COATING – 10 mils* thick protects all inside and outside iron surfaces, and complies with AWWA C550 and certified to ANSI/NSF 61.
- ❑ 200 PSIG MAXIMUM WORKING PRESSURE*** – Hydrostatically tested at 400 psig (also certified to AWWA C509 250 psig maximum working pressure and tested at 500 psig).
- ❑ AMERICAN MADE QUALITY – factory in Chattanooga, TN with ISO 9001:2000 certification, and UL 262, FM 1120/1130. Certified to ANSI/NSF 61. Manufactured and tested in compliance with ANSI/AWWA Standard C509. UL Listed and FM Approved.
- ❑ BI-DIRECTIONAL FLOW
- ❑ FLAT BOTTOM SURFACES – stands upright for easier handling and storage.
- ❑ 10-YEAR LIMITED WARRANTY – assured reliability (see separate U.S. Pipe Warranty document for terms).



U.S. Pipe USP1 Series Resilient Wedge Gate Valve Features

Along with all the features of the USP0 series valves, U.S. Pipe USP1 series RW valves offer these additional features:

- ❑ WEDGE – Ductile iron, fully encapsulated in molded rubber complying with ASTM D2000.
- ❑ BODY AND BONNET – Ductile iron.
- ❑ COMPLIANCE – In addition to those above: ANSI/AWWA Standard C515.
- ❑ 250 PSIG MAXIMUM WORKING PRESSURE – Hydrostatically tested at 500 psig.



*Nominal

**16" valve requires 1/2" undersized cutter.