

USP1 Resilient Wedge Gate Valve



VALVE &
HYDRANT



Shown with FL x FL ends

Even in its largest 54" size, the U.S. Pipe® Valve & Hydrant Resilient Wedge Gate Valve (RWGV) offers reduced operating torque and superior resistance to wear and tear that can reduce the performance of a lesser valve. Its extra long, polymer covered wedge guides slide easily within body channels. They support and maintain alignment of the wedge, provide bearings to protect the rubber encapsulated wedge and epoxy covered body from abrasion, and help reduce operating torque. As the valve nears full closure, the specially shaped rubber along the bottom edge of the wedge takes advantage of line pressure to augment the torque on the stem to ensure a final leak-tight seal. The result is sealing without crushing the rubber on the wedge, significantly less torque needed to operate the valve, less stress on the stem, and when installed horizontally, no need for rollers, tracks or scrapers.

Other U.S. Pipe® Valve & Hydrant RWGV features include:

- 250 psi rating in all sizes; 500 psi test pressure
- Strong, ductile iron body, bonnet and wedge armature castings
- Sizes up to 36" - 10 mil nominal Mueller Pro-Gard® Fusion Bonded Epoxy Coating. Sizes 42" and larger - Mueller HP Epoxy Coating
- 100% rubber encapsulated wedge with no exposed iron or thin spots
- Smooth internal passage that resists debris collection, and helps to avoid turbulence
- Full size waterway
- Manganese bronze stem with integral collar and three O-ring seals
- Lubricated thrust collar with two thrust bearings
- Integral legs for upright storage & easier installation
- American Made quality; ISO 9001, NSF 61 & 372, ANSI/AWWA C515
- Sizes 14"-16" with slip-on ends and slip-on x FL end combinations
- Sizes 14"-48" with FL and MJ end combinations
- 54" is available with flanged ends
- Optional bypass



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