

**AMERICAN AVK RESILIENT SEATED GATE VALVE, 250 PSI  
 POLYURETHANE COATED EXTERIOR /  
 ELECTROSTATICALLY FUSION BONDED EPOXY INTERIOR**

**25/8X  
 POLY**

**EXTERIOR COATING PROPERTIES:**

Coating:  
 Polyurea/Polyurethane Hybrid Resin

Application method:  
 Ambient temperature spray

Cured Resin:

Gel Time	10 sec.
Shore A	90 A
Tensile Strength	2400 PSI
% Elongation	310%
Specific Gravity	1.02
Color	Black

**INTERIOR COATING PROPERTIES:**

Coating:  
 Epoxy resin

Application method:  
 Electrostatically fusion bonded

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1.379

Rust Red (Standard), AVK Blue,

**Tests: -Valve Assemblies**

Hydraulic test to AWWA C509:  
 Shell Test: 500 PSI  
 Seat Test: 250 PSI  
 Operating Torque Test

**Tests: -Coating**

Epoxy - meets or exceeds AWWA C550

**Advantages:**

The Polyurea/Polyurethane Hybrid produces a tough membrane with excellent low temperature flexibility and high tensile strength. It also provides excellent chemical resistance and abrasion properties resulting in better long term field wear performance. Recommended for highly aggressive, corrosive soil conditions.



Exterior Polyurethane coating  
 60 mils nominal.

Interior epoxy coating to  
 AWWA C550. Nominal, 10  
 mils thick, NSF-61 approved.

