

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

**X5/8X
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

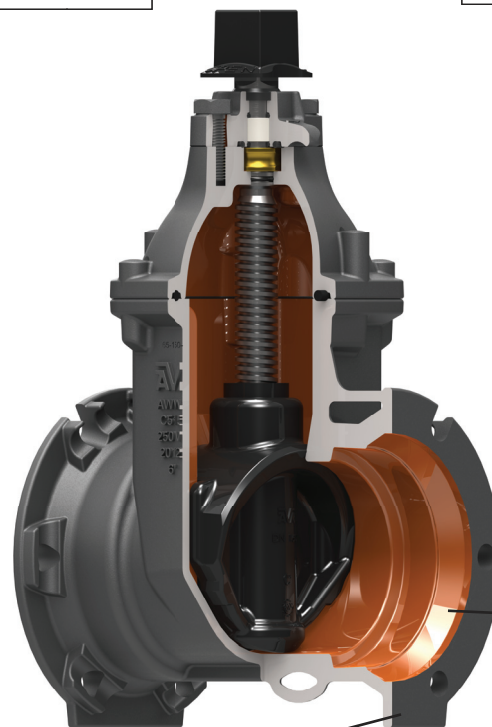
Operating Torque Test

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.

