

**AMERICAN AVK DRY BARREL HYDRANTS,
POLYURETHANE COATED EXTERIOR BELOW GROUND/
ELECTROSTATICALLY FUSION BONDED EPOXY INTERIOR**

**27/PUR
POLY**



Interior and exterior epoxy coating, above ground, to AWWA C550. NSF-61 (Annex G) approved.

Exterior Polyurethane coating 60 mils nominal.

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



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

Cured Resin: -
Gel Time -
Shore A -
Tensile Strength -
% Elongation -
Specific Gravity 1.379
Color Per customer specifications

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.