

DRESSER PIPELINE SOLUTIONS - Product Submittal

Product Coating - EPOXY 617



Grey fusion-bonded, heat-cured, thermoset epoxy powder

EPOXY 617 is an ID/OD thermoset fusion-bonded, grey epoxy coating applied on both the internal and external surfaces of our coupling products. As the standard for water-works coupling products, Epoxy 617 thermoset coatings are also available to conform to AWWA C-213 specifications upon request. EPOXY 617 is also NSF61/372 approved on water service coupling products when incorporating Plain-Grade 27 Buna-S, Grade 42 Buna-N and EPDM sealing components.

Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Dresser fusion-bonded epoxy coating has outstanding physical properties and can be utilized in many piping system applications due to such features as:

- Excellent disbondment resistance in cathodically protected systems.
- Resistant to soil stress and fungi.
- Excellent adhesion.

Typical properties obtained under laboratory controlled conditions and utilizing laboratory prepared samples are given below. Please consult the factory for special line content applications.

PROPERTY	SPECIFICATION	CHARACTERISTICS
Color and Gloss	-	ALCLAD Grey
Coating Thickness	ASTM G12	5-25 Mills OD; 3-5 Mills ID
Hardness	Pencil	4H
Direct Impact 72°F	ASTM D2794	160 in./lbs. @ 5 Mills
Adhesion	ASTM D1002	4000 PSI
Abrasion Resistance	ASTM D1044 CS-17 Wheel 1000 Gram Wt.	5000 Cycles 0.2 Gram
Salt Spray Resistance Unscored Panel	ASTM B117	5000 Hrs. No Corrosion or Loss of Adhesion
Water Absorption	ASTM D570	1.0%
Cathodic Disbondment	ASTM G8	0.5 Sq. In.
Soil Stress	Bureau of Reclamation	25 Cycles - No Effect
Fungus Resistance	MIL-E-5272-C	Funginert
Flammability	ASTM D635	Self Extinguishing
Temperature Resistance	-	350°F

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