

# 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.

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.



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

PROPERTY	SPECIFICATION	CHARACTERISTICS
Color and Gloss	-	ALCLAD Grey
Coating Thickness	ASTM G12	5-25 Mils OD; 3-5 Mils ID
Hardness	Pencil	4H
Direct Impact 72°F	ASTM D2794	160 in./lbs. @ 5 Mils
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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