

DRESSER DPS - Product Submittal

Product Coating - ALCLAD™ 017 Plastisol

Black Polyvinyl Chloride

ALCLAD™ 017 Plastisol is a one-part, heat curable, thermoplastic polyvinyl chloride material offering optimum corrosion resistance and long service life durability.

All metal surfaces of Dresser compression fittings are first protected by a coating of heat-cured E-Coat providing an effective anti-corrosion back-up to the Plastisol coating application. Plastisol 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
- High dielectric strength
- Excellent adhesion over recommended primer
- Excellent resistance to water penetration

Typical properties of ALCLAD 017 Plastisol coating obtained under laboratory controlled conditions and utilizing laboratory prepared samples are given below. Please consult the factory for special applications.

PROPERTY	SPECIFICATION	CHARACTERISTICS
Color and Gloss	-	ALCLAD 017 Black
Coating Thickness	ASTM G12	50 MILS +/- 5 MILS
Hardness Shore A	ASTM D1706	85 +/- 1
Tensile Strength	ASTM D412	2900 PSI
Ultimate Elongation	ASTM D412	325%
Modulus @ 100% Elongation	ASTM D412	1450 PSI
Dialectric Strength	ASTM D419	600 VOLTS/MIL @ 10 MILS
Cathodic Disbondment	ASTM G8	1.0 Sq. In.
Flexibility @ 32°F	1/8" Mandrel Bend	NO CRACKING @ 50 MILS
Edge Coverage	-	EXCELLENT
Flammability	ASTM D635	Self Extinguishing
Adhesion to Carbon Steel w/Primer	-	35 Lbs./In.
Water Penetration	ASTM G9	50% AFTER 120 DAYS

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