

Engineered Coating Solutions

National Customer Service Toll-free Phone 1-888-233-4706 • 1-770-261-4800 • Fax: 770-261-4801

TECHNICAL DATA

PIPEV10047

EVERLUBE[®] 10047 Aluminized Barrier Coating

Product Description:

- Solvent Based
- Thermally Cured
- Decorative Silver finish
- Durable, chip resistant organic coating
- Provides outstanding corrosion resistance
- Specifically formulated for rare earth magnets
- Good solvent and chemical resistance

Typical Physical Properties:

Color and appearance*	Smooth silver-gold satin finish
Volatile organic compound (VOC)	575 grams/liter
Pencil Hardness	>4H (Gouge)
Operating temperature range	-100° to 375°F (-73°C to 191°C)
Typical film thickness	10-25 microns

Typical Functional Properties (for reference use only)

5% Neutral Salt Spray (ASTM B-117)	>500 hours
.6 mils (15 microns) over Zinc Phosphated	to red rust
1010 CRS Steel Panels	
Taber Abrasion, CS-10 Wheel, 1 kg Load (ASTM D4060)	<40 mg/1000 cycles
Thermal Stability(ASTM D2511)	Pass
Film Adhesion (ASTM D2510, Method A)	Pass
Chemical Resistance (ASTM D2510, Method C)	
Hydrocarbon Test Fluid, TT-S-735, type II	Pass
Aviation Fuel, MIL-G-5572, Grade 115/45	Pass
Methyl Ethyl Ketone	Pass
Toluene(Toluol)	Pass
Trichloroethylene, O-T-634	Pass
1,1,1 Trichloroethane	Pass
Anhydrous Ethanol	Pass
Methyl Phenyl Silane(DC-550)	Pass

* Lot tests

** Contact E/M Technical Service for additional options.

WFP/kr:05/30/01

This document is not intended for use as a specification. Specification writers should contact Technical Director of Research and Development. This information supplied is presented in good faith and has been derived from sources believed to be reliable. Since conditions of use are beyond our control, all risks are assumed by the user. No representation or warranty is expressed or implied and all warranties including warranties of marketability and fitness for use are expressly disclaimed. Nothing herein shall be construed as permission or recommendation to practice a patented invention without a license.

