

## Technical Data

**CURTISS -  
WRIGHT**

# Everlube® 6150 Protective Coating

**Everlube® Products**

Surface Technologies Division

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### Product Description

Everlube 6150 is a thermally cured, aluminum pigmented coating with a high molecular weight phenolic binder system. This coating is recommended for aerospace fasteners in interference fit applications reducing installation force while eliminating the electrochemical and stress corrosion problems in high strength alloys. Specifications for this product can be found at: <https://everlubeproducts.com/specification/>

### Features / Benefits

- Good corrosion protection
- Good chemical resistance
- Good installation lubricant
- Good durability

### Markets

- Aerospace/Defense
- Industrial Machinery
- Mechanical Components
- Fabricated Metal Parts

### Typical Applications

- Interference Fit Fasteners
- Threaded Fasteners
- Threaded Connectors
- Non-interference Fit Fasteners

### Physical Properties

Lubricating Solids:	N/A
Binder:	High Molecular Weight Polymer
Color and Appearance:*	Silver Satin Finish
Carrier:	Solvent Borne
Solids (by weight):*	22% to 27%
Density:*	7.7 ± 0.5 lb/gal (923 ± 60 grams/liter)
Flash Point:	24°F (-4°C)
Volatile Organic Compound:	707 grams/liter (5.9 lb/gal)
Theoretical Coverage: <sup>1</sup>	507 ft <sup>2</sup> /gal @ 0.5 mils (12.4 m <sup>2</sup> /liter @ 12.7 microns)
Alternative or Repair Coatings:	N/A

### Processing Information

Dry Film Thickness	0.3 to 1 mil (8 to 25 microns)
Dilution/Cleanup Solvent:	MEK or 600 Solvent
Dilution Ratio:	1:1 to 1:3 (Solvent to Product)
Cure Cycle:	1 hr. @ 300°F min.,; to achieve golden finish-cure at 375°F for 1 hr.
Suggested Pretreatment:	Grit blast and/or phosphate
Suggested application Methods:	Dip spin / spray

For additional information, please see Processing Bulletin #3000-A

**Typical Functional Properties**

	<u>ASTM Test Method</u>	<u>Value</u>
Corrosion Resistance		
Test Panel	ASTM B-117	>300 hrs. @ 5% Neutral Salt Spray
Test Panel Coating Method		0.5 mil on grit blasted steel panel
Abrasion Resistance	ASTM D-4060	Fair
Coefficient of Friction	ASTM D-2714	N/A
Operating Temperature Range		-100° to 325°F (-73° to 163°C)
Load Carrying Capacity		N/A
Wear Life		N/A

**Chemical Resistance (ASTM D-2510, Method C)**

Isopropyl Alcohol or Ethyl Alcohol	Pass	Diethanolamine	Pass
Mineral Spirits or Paint Thinner	Pass	Hydrochloric Acid (10%)	Pass
Toluene	Pass	Sodium Hydroxide (10%)	Pass
Acetone	Pass	Distilled Water	Pass
Skydrol 500	N/A	Jet Fuels (JP-4)	Pass
Hydraulic Fluids	Pass	Trichloroethylene	Pass
Anti-Icing Fluids	Pass		

Note: Chemical resistance may vary depending on the cure cycle. N/R = not recommended

**Additional Information**

Shelf Life and Storage:

One year from date of shipment, stored in a factory sealed container between the temperatures, 40°F to 100°F. Coatings are thermally stable, but we do not recommend prolonged exposure outside of the specified temperature range listed above

Packaging: Everlube 6150 is available is gallon, quart, and 5-gallon pail

Warranty:

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.

\* These tests are performed on each production lot

<sup>1</sup> Based on 100% transfer efficiency at a dry film thickness of 0.0005 inch (12.5 microns).

Issue Date: 05/05/03, Latest Revision Date: 7/9/21