



FluoroKote#1®

Technical Data

- **Use Temperatures:** -100° to 500°F
- **Corrosion Resistance:** Salt Spray (ASTM B117) ...up to 4,000 hrs (Nuts not frozen)
- **Pencil Hardness:** 5H-6H (ASTM D3363-92A)
- **Kinetic Friction Coefficient:** 0.06-0.08
- **Thickness:** nominal 0.001" (1 mil)
- **Impact:** 160 in. lb. (ASTM D2794-93)
- **Adhesion:** 5B (ASTM D3359-95)

- **Dielectric Strength:** 500 volts per mil
- **Elongation:** 35%-50%
- **Tensile Strength:** 4,000 psi
- **Operating Pressure:** Up to 100,000 psi
- **Kesternich Test:** Nuts not frozen after 30+ cycles (DIN 50018)
- **Thread Fit:** Over tapping of nuts 0.010" (Recommended)

Corrosion Resistance

ASTM	TEST	DURATION	RESULTS
D1308	Muriatic Acid 31% HCL	24 Hours	No Effect
D1308	Sulfuric Acid 93% H2SO4	24 Hours	No Effect
D1308	Caustic Soda 50% NaOH	24 Hours	No Effect
D1308	Methyl Ethyl Ketone MEK	24 Hours	No Effect
B117	Salt Fog	2,000 Hours	No Effect