

Slickote®

1680 Miller Ave. Los Angeles, CA 90063

TECHNICAL DATA

Slickote PTFE 100X

PTFE (Teflon*), Resin Bonded Solid Film Lubricant Coating,
Mil-A-63576 Ty3 / GMW 14671 Ty F

Product Description

Slickote PTFE 100X is a heat cured PTFE (Teflon*) fluorocarbon-resin bonded solid film lubricant coating.

Intended Uses

Provides a decorative finish for anodized aluminum castings (black- anodized appearance)
Applied over sealed or unsealed anodized aluminum iaw Mil-A-63576 Ty3 (1000 Hrs Salt Spray and Impact Resistance)

Applied to metal parts to provide a dry lubricating surface with a low coefficient of friction.
(not for food use)

Provides corrosion protection, chemical and solvent resistance for metal surfaces.

Low gloss black- for use on guns, rifles, armaments (used by OEM gun manufacturers)

Alternative to E-Coating for automotive specifications: GMW 14671 Ty F (over anodize finish)

Application Procedure

Metal Preparation: All surfaces must be thoroughly cleaned, degreased, free of rust, oxides or other surface impurities. Recommended pretreatments:

Aluminum – anodized (sealed or unsealed), chemical conversion coat

Steel – abrasive clean and phosphate coat or acid etch primer

Stainless Steel or Titanium – abrasive clean

1) Mix well before use, mechanical paint shaker preferred

2) Use as is or reduce with acetone: up to apx. 1 part paint to: ½ part acetone by volume

3) Apply with spray gun , or dip coat. Use constant mixing pot for best results (Thickness apx: 0.3 to 0.5 mil)

4) Heat cure, 300 deg F for 1 hour (add apx 5 min for parts to come to temperature)

5) Verify pretreatment and cure using- tape adhesion and solvent rub test.

Physical Properties

Color: /Black semi gloss, /Silver, /Clear, /low gloss Black- Gun/ Rifle Coating

Dilution: Use as is or reduce with acetone: up to apx.1 part paint to: ½ part acetone by volume

Wt/Gal 8.0 Lbs/gal

App.temp: Ambient (< 90 degF)

Cure: 300 deg F for 1 Hour

Shelf Life: 1 year from date of manufacture

Storage: Store in closed container. Store between 32 deg F and 75 deg F

VOC: <340 g/l or 2.8 lbs/gal (AQMD Rule 1124)

Solids: >35.0%

*Teflon- trademark Dupont