

ZC-440



Product description:
FLUOROCARBON DRY LUBRICANT

FEATURES:

- ▶ A fluorocarbon telomer that is chemically similar to the PTFE-fluorocarbon resin

KEY BENEFITS:

- ▶ Does not run or stain
- ▶ Excellent dry film lubricant for wood, plastic, rubber, paper, and metal
- ▶ Prevents corrosion on metal substrates and provides a lubricating surface for them
- ▶ Excellent anti-stick properties
- ▶ Non-flammable
- ▶ Non-conductive and chemically inert
- ▶ Withstands temperatures up to 500°F (260°C) continuously
- ▶ Does not attract dirt or dust
- ▶ Withstands temperatures from the cryogenic range up to 240°F (116°C)
- ▶ Provides substrate with highest adhesion possible while providing lubricating properties or a good release
- ▶ Effective release agent for epoxies, polyurethanes, etc



Key Benefits Continued On The Next Page

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ZC-440*Product description:***FLUOROCARBON DRY LUBRICANT****KEY BENEFITS (CONTINUED FROM PAGE 1):**

- ▶ Finds many uses throughout the aircraft
- ▶ Replaces grease applications where the grease must be constantly changed out because of accumulation of debris

APPLICATIONS:

- ✓ Aerosol application available as **D-5440NS**
- ✓ The **ZC-440** fluorocarbon is designed primarily for use as a dry film lubricant or mold release where it is applied to a cold or warm surface (less than 240°F (116°C))
- ✓ Applied on slat tracks to prevent corrosion and provide lubrication without the buildup of debris that is typically found if greases and oils are used
- ✓ Agitate constantly if using this material in bulk form
- ✓ Use **ZC-440** on flap tracks and jackscrews

PHYSICAL PROPERTIES:

- ▶ **Coefficient of Friction:** 0.06 to 0.09 (Static)
- ▶ **Density:** 7.7 lbs/gal (923 grams / Liter)
- ▶ **Fungal Growth per Fed-STD-810 Method 508.7:** 0 (No Microbial Growth)
- ▶ **Intermittent Temperature:** 240°F (116°C)
- ▶ **Melting Point:** 572°F (300°C)
- ▶ **Service Temperature:** 180°F (82°C)
- ▶ **Softening Point:** 510°F (265°C)

Aero-Lube™

LUBRICANTS & LUBRICATING COMPOUNDS

ZC-440



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FLUOROCARBON DRY LUBRICANT



AVAILABLE PACK SIZES:

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-002060
- ▶ Case of 12 each Quart (946 mL)-009660
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-007070
- ▶ 5 Gallon (18.9 Liter) Pail-007071
- ▶ 55 Gallon (208 Liter) Drum-007072
- ▶ Special Packaging Upon Request



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