

## DFL

### Dry Film Lubricant

#### DESCRIPTION

**DFL** is a white, dry-film lubricant, for use where mineral oils or silicones are not suitable. It is also suitable for use as an anti-stick and mold release agent or where products of the highest purity are required. The film will not contaminate or migrate as a silicone would and won't pick up dust and dirt particles.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

#### FEATURES AND BENEFITS

- Dry film lubricant; clean and non-oily
- Suitable for use on wood, plastic, fiber, metal, glass, etc.; testing advised
- Water repellent and chemically inert; suitable for a wide number of applications
- This product conforms with MIL-L-60326 (MU & MU Amendment 1)

#### APPROVALS

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

#### PRODUCT INFORMATION

For available packaging sizes please visit:

[electrolube.com](http://electrolube.com)

### PHYSICAL PROPERTIES

Category	Results
<b>Typical Properties</b>	
Color	White Translucent Fluid
Density (g/mL)	1.58
Temperature Range (°C)	-200 to 260
Mean Particle Size	5 microns
Molecular Weight	3700
Coefficient of Friction	0.04
Softening Point (ASTM E-28-58T (°C))	265
Melting Point (Crystalline (°C))	300
4 Ball Wear (mm)	2.568
Weld Load (kgf)	126

### APPLICATION GUIDELINES

Shake can ensure good dispersion of ingredients and spray on to the surface to be treated from a distance of 4 to 6 inch. When using as a release agent apply a number of thin coats rather than one thick coat to avoid cracking.

### TYPICAL PRODUCT APPLICATION

As a lubricant for leather, plastics, synthetic or natural fibers, glass, metals, wood etc.; on nuts, bolts, and bearings on most machinery parts; on musical instruments, hi-fi and video equipment, computers and peripheral equipment; on metal, wood and glass in the house, e.g., door hinges, drawers, zips; on scientific apparatus, e.g., microscope slide, slide rulers, tapered glass joints; on photographic equipment, e.g., cameras, enlargers, tripods etc.

DFL can also be used as a release agent for molded rubber and plastic items as well as injection dies and molds. As an anti-stick agent, it is highly suitable for use on platens, conveyor belts, etc.

### ADDITIONAL INFORMATION

**Shelf Life:** 48 Months

### SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available.**

### CONTACT INFORMATION

To confirm this document is the most recent version, please contact

**TechnicalSupportTeam@hkw.co.uk**

[www.electrolube.com](http://www.electrolube.com)

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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