

ECO 66F Electrical Contact Lubricant

Product Features

Perfluoropolyether lubricant that provides superior protection for electrical contacts under extreme conditions and is suitable for contacts requiring a thin film lubricant or applications that provide high insertion forces.

Benefits

- Excellent oxidation and chemical resistance, providing high protection in high temperatures and corrosive chemical atmospheres.
- Produces low and stable millivolt drop and contact resistance, ensuring contact reliability.
- Excellent electrical properties and good plastic compatibility
- Solving high contact resistance caused by silicon contamination

Typical Data

Property	Value	Test Method
Appearance	Transparent liquid	ASTM D1500
Density@20°C,g/ml	1.91	ASTM D1298
Kinematic Viscosity@20°C, mm2/s	1500	ASTM D445
Flash Point@°C	-	ASTM D92
Pour Point@°C	-25	ASTM D97
Corrosion@T2 copper sheet, 150°C, 4h	Pass	ASTM D4048
Dielectric Strength@kV/mm, 250°C	40	ASTM D877

Typical data is an average value and is for reference only, and the specific value may vary due to each test condition or customer requirements.

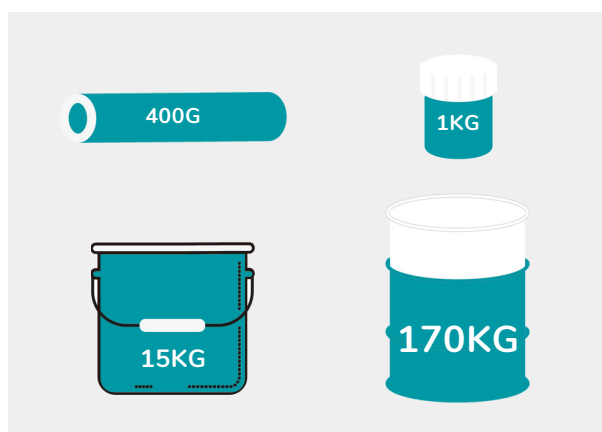
Applications

- Ideal for contacts involving gold and/or corrosive environments such as printed circuit edge connectors, plug connectors, rotary and slide switches.
- Suitable for the lubrication of plastics and rubbers, including those known to be particularly susceptible to solvent stress cracking.
- Operating temperature range: -25 ~ 300°C

Product Storage

- Store indoors or under shelter to avoid intrusion of rain or humid air; outdoor storage is prohibited.
- Prevent erosion of the outer label of the package. When the outer label is damaged and the product name cannot be confirmed, it is not recommended to continue to use it.
- Products should not be stored at temperatures above 60°C or in severe cold, and should not be exposed to strong light.
- Store unopened in a cool environment below 20°C. The shelf life is 60 months from the date of manufacture.

Packaging Specifications



Usage Restrictions

- The product is harmless to health and safety when used correctly, and will not cause adverse effects when used, refilled and discarded in accordance with industry and hygienic standards in a correct and reasonable manner.
- Care should be taken that used products contain potentially harmful contaminants and prolonged or repeated skin contact with used oils of any type and form must be avoided.
- This product has not been tested or stated to be suitable for medical or pharmaceutical use.

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**"LUBRICATION PROTECTION
UNDER HARSH CONDITIONS"**