

ECG 50 Electrical Contact Grease

Product Features

It is refined by using synthetic base oil with excellent lithium soap thickening properties and adding anti-wear, anti-oxidation, anti-corrosion and other additives. It has the advantages of reducing contact resistance, improving plastic compatibility and improving mechanical lubrication performance.

Benefits

- Excellent resistance to harsh environments, effectively protecting contacts from corrosion.
- Excellent low temperature performance and oil film lubricity, can be used in a wide temperature range.
- Produces low and stable millivolt drop and contact resistance, ensuring contact reliability.
- Excellent thermal oxidation stability, very little carbon deposits are produced at high temperatures, reducing contact resistance.

Typical Data

Property	Value	Test Method
NLGI Grade	2	ASTM D217
Appearance	White ointment	ASTM D1500
Working Penetration@25°C, 0.1mm	280	ASTM D217
Dropping point@°C	180	ASTM D2265
Corrosion@T2 copper sheet, 100°C, 24h	Pass	ASTM D4048
Corrosion@silver sheet, 100°C, 3h	Pass	ASTM D4048

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.

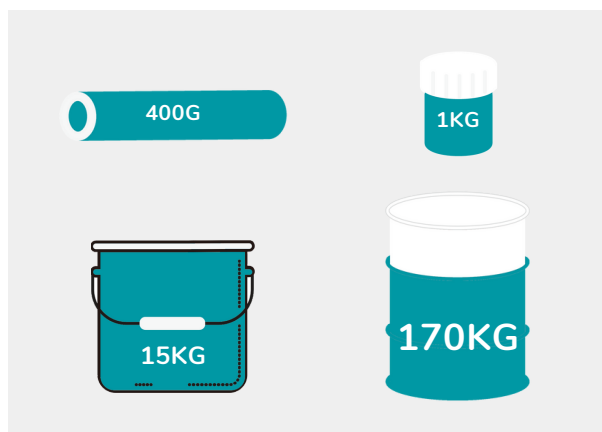
Applications

- It is suitable for lubrication, arc extinguishing and improving conductive properties of various electrical switches, potentiometers and electronic plug-in contacts.
- Suitable for lubrication of electrical contact parts of interfaces and joints of various circuit cables.
- Operating temperature range: -45 ~ 150°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"**