



CRC Food Grade Dielectric Grease seals, lubricates, waterproofs and insulates electrical connections with a thin, non-curing silicone compound that helps maintain electrical performance by reducing line sag, arcing, voltage drops and problems caused by adverse weather conditions.

It provides an exceptional lubricant for fasteners used to support temporary electrical work. It improves electrical performance during adverse conditions such as rain, fog, salt spray and temperature extremes.

CRC Food Grade Dielectric Grease is also excellent for lubricating and sealing rubber and plastic parts - including o-rings.

Item Code: FG03082

Pack Size: 283g Aerosol

Features and Benefits

- **Seals, Lubricates, Protects, Insulates and Waterproofs**
- **Temperature Resistant:** Maintains performance level year round. Will not harden, freeze, dry or melt due to temperature fluctuations.
- **Rubber and Plastic Safe:** Will not degrade seals, gaskets or plastic insulators

Application

- Recommended for use on electrical panels, outdoor lighting, scoreboards, traffic lights, high voltage poles, transformers, disconnects, switching mechanisms, electrical contacts, spark plugs, battery terminals, fasteners, o-rings, rubber and plastic parts.

Typical Properties and Characteristics

Flash Point	<0°C
Odour	Light ethereal odour
Appearance	Opaque gel
Solubility	Insoluble
Boiling Point	60°C
Vapour Density	> Air
Specific Gravity	0.646
Propellant	Hydrocarbon

Type of film	Non-curing silicone paste
ASTM D-877 (Dielectric Strength)	500 volts/mil
Temperature Range	-40°C to 205°C
NLGI Grade	2

Directions

1. Do not apply while equipment is energized.
2. Shut off power supply.
3. Be sure all stored power is drained from system and allow hot surfaces to cool before using this product.
4. Spray a light, even film on areas requiring lubrication or protection.
5. If necessary, repeat application until desired thickness is attained.

Special Precautions

General:

Extremely flammable aerosol. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Do not spray on open flame or other ignition source. Use with adequate ventilation. Store in a cool, well-ventilated area. Do not eat, drink or smoke when using this product. Dispose of contents/container in accordance with relevant regulations. All unused product should be disposed of in conformance with local and hazard regulations, do not contaminate water supply.

Aerosol Cans:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

Refer to **Safety Data Sheet** for more details.

Product Warranty or Shelf Life

CRC offers a conditional warranty on this product for the period of 5 years from the date of manufacture.

Contact Information

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Disclaimer: All information on this data sheet is based on testing by CRC Industries (Aust) Pty Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Aust) Pty Ltd makes no representations or warranties of any kind concerning this data.

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