



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: FG03085

Pack Size: 94g Tube

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 O-rings, valves, pistons, gaskets, guides, slide mechanisms, electrical panels, disconnects, switching mechanisms, electrical contacts, spark plugs, battery terminals and fasteners.

Typical Properties and Characteristics

Flash Point	> 150°C (Liquid component)
Odour	Low
Appearance	Opaque white liquid
Solubility	Insoluble
Boiling Point	> 315°C
Vapour Density	> Air
Specific Gravity	1.06
Prop 65	No

Type of film	Non-curing silicone paste
ASTM D-877 (Dielectric Strength)	500 volts/mil
Temperature Range	-21°C to 204°C
NLGI Grade	2
% Volatile	0%
VOC Content (Fed)	0
Sara Title 111, Sect. 313 Chemicals	None

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. Apply a light, even film on areas requiring lubrication or protection.
5. If necessary, repeat application until desired thickness is attained.

Special Precautions

General:

Combustible. 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. Pressurized container; may burst if heated. Do not puncture, incinerate or store above 50°C. Do not place in direct sunlight or near any heat source.

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.

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

CRC Industries (Aust) Pty Ltd
9 Gladstone Road, Castle Hill
NSW 2154, Australia

www.crcindustries.com.au
PH: 1800 224 227
Email: info.au@crcind.com

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.

Technical Data Sheet Version 08/2024