



SI 4

WATER-REPELLANT SILICONE GREASE

DESCRIPTION

SI 4 is an insulating, non-adhesive, water-repellent paste formulated from silicone for assembling and various greasing.

APPLICATIONS

- SI 4 is especially recommended as an insulating water-repellent.
- Protects against electrolytic corrosion.
- Electrical equipment, relays, connectors, antennas and more.
- Battery terminals, pin head adaptors for lamps, and all equipment requiring protection from water.
- Lubrication during assembly of parts when there is very little backlash. Facilitates sliding. Lubricant for metal/plastic, metal/elastomer surfaces.
- Treat rubber O-rings.
- Suitable for greasing devices in vacuum.

PRODUCT BENEFITS

- Non-adhesive.
- Water-repellent grease demonstrates excellent hold in liquids.
- Lubricates, and provides optimal sliding.
- Reinforced resistance to rusting; withstands solvents and chemical agents extremely well.
- Demonstrates reinforced dielectrical characteristics, even in humid environments.
- Chemically inert; does not corrode metals.
- Does not damage plastics or rubber materials.

PHYSICAL PROPERTIES

| | |
|---|-------------------------|
| Aspect | Colourless, translucent |
| Grade N.L.G.I | 2 |
| Drop point | None |
| Evaporation in 24 hours at 200°C | 3% |
| Worked penetration after 60 strokes at 25°C | 225-250 |

PHYSICAL PROPERTIES - continued

| | |
|--|----------------|
| Freezing point | <-50°C |
| Operating temperature | -40°C to 200°C |
| Di-electrical strength kV/mm | 0 |
| Dielectric constant at 25°C (10 ² cycles/s) | 2.85 |
| Loss tangent at 25°C (10 ² cycles/s) | 0.0006 |
| Volume resistivity at 25°C ohm/cm | 1.10 |
| Arc resistance, in seconds, minimum | 80 |

APPROVALS

- Complies with Army – NATO G 392 / NATO S 736 – US MIL 8660 C
- Complies with ATEX 94/9/CE Directive

DIRECTIONS

Surfaces that have been previously lubricated with a mineral-based grease must be perfectly clean before application of **SI 4**.

PACKAGING

| | | |
|------------|---------------|------|
| 100 g tube | Ref. O 621 T3 | x 12 |
| 1 kg box | Ref. O 621 B7 | x 6 |
| 25 kg drum | Ref. O 621 O2 | x 1 |

WARRANTY

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