



SI 4

WATER-REPELLANT SILICONE GREASE

DEFINITION

Insulating, non-adhesive, water-repellent paste formulated from silicone for assembling and various greasing.

ADVANTAGES

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.

APPLICATION FIELDS

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.

TECHNICAL CHARACTERISTICS

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
Freezing point	<-50°C
Operating temperature	-40°C to 200°C

TECHNICAL CHARACTERISTICS - continued

Di-electrical strength kV/mm	20
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

INSTRUCTIONS FOR USE

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. 3621 T3	x 12
1 kg box	Ref. 3621 B7	x 6
25 kg drum	Ref. 3621 O2	x 1

AUTHORISATION

- Complies with Army – NATO G 392
- Complies with ATEX 94/9/CE Directive