

## TECHNICAL DATA SHEET

TDS 633 / Index 01 - 15/09/2014





# SI VIDE WATER-REPELLANT SILICONE GREASE

#### FOR APPLICATIONS UNDER VACUUM

#### **DEFINITION**

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

#### **ADVANTAGES**

Recommended for applications under vacuum.

Does not "release" and does not emit vapours under vacuum.

Non-adhesive.

Water-repellent, excellent resistance to liquids.

Lubricates, and provides optimal sliding.

Reinforced resistance to rusting; excellent resistance to solvents and chemical agents.

Reinforced dielectric characteristics, even in humid environments.

Chemically inert; does not corrode metals.

Does not damage plastics or rubber materials.

#### **APPLICATION FIELDS**

SI VIDE 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 water protection.

Lubrication during assembly of parts when there is very little clearance. Facilitates sliding. Lubricant for metal/plastic, metal/elastomer surfaces.

Treatment of rubber O-rings.

Suitable for the greasing of devices in a vacuum.

#### TECHNICAL CHARACTERISTICS

Aspect	colourless translucent
NLGI grade	
Drop point	
Evaporation in 24 hours at 200°C	
Worked penetration after 60 strokes at 25°C	225-250
Freezing point	< -50°C
Operating temperature	-40°C to +200°C

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#### **TECHNICAL CHARACTERISTCS - cont'd**

Dielectric strength kV/mm	20
Dielectric constant at 25°C (10 <sup>2</sup> cycles/s)	
Tangent of the loss angle at 25°C (10 <sup>2</sup> cycles/s)	
Volume resistivity at 25°C ohm/cm	1.10
Arc resistance, in seconds, minimum	80
Vacuum capability	10 <sup>-4</sup>

### **INSTRUCTIONS FOR USE**

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

#### **PACKAGING**

100 g tube

Ref. 3633 T3

x 12

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