



## **SI 528**

### **LUBRICATE AND SEAL INDUSTRIAL VALVES and TAPS LUBRICATION of GASKETS**

#### **DEFINITION**

SILICONE paste for lubricating and sealing valves, taps, ground necks, etc.  
Insulating, non-adhesive, water-repellent paste formulated from silicone for assembling and various greasing.

#### **ADVANTAGES**

Non-adhesive.  
Water-repellent, excellent resistance to aqueous products, insoluble even when immersed.  
Lubricant, optimal sliding of joints and treated surfaces.  
Reinforced resistance to rusting; excellent resistance to solvents and chemical agents.  
Reinforced dielectric characteristics, even in humid environments.  
High chemical inertia; does not corrode metals (steel, aluminium, copper, treated steels, cast iron, etc.).  
Does not damage plastic or rubber materials.  
This lubricant is perfectly neutral.  
Protects against corrosion and against the penetration of humidity and dust.  
Protects against galvanic corrosion.  
Does not give off vapours under vacuum.  
Formulated from a very viscous oil.

#### **APPLICATION FIELDS**

Insulating water-repellent product.  
Sealing paste for greasing valves, taps, ground necks, etc.  
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 and metal/metal surfaces.  
Treatment of rubber O-rings.  
Conductive gel for heat transfer and ultrasound.  
Lubrication under vacuum.

- 1/2 -

**Head office**

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## TECHNICAL CHARACTERISTICS

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Aspect .....	colourless translucent
NLGI grade .....	3
Drop point .....	none – Infusible.
Evaporation in 24 hours at 200°C .....	2%
Worked penetration after 60 strokes at 25°C .....	225-250
Freezing point .....	< -50°C
Operating temperature .....	-40°C to +200°C
Dielectric strength kV/mm .....	20
Dielectric constant at 25°C (10 <sup>2</sup> cycles/s) .....	2.85
Volume resistivity at 25°C ohm/cm .....	1.10
Arc resistance, in seconds, minimum .....	80

## INSTRUCTIONS FOR USE

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Surfaces must be perfectly clean before applying SI 450.

## PMUC PACKAGING

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1 kg box	Ref: 3649 B7	x 6
25 kg drum	Ref: 3649 O2	x 1

- 2/2 -

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