EXPERIENCE TO PERFORM

TECHNICAL DATA SHEET

SYSTEM
SILICONE GREASE

- DESCRIPTION OF THE PRODUCT
Infusible lubricant, selected polydimethyl silicones based. Non-toxic and physiologically inert, odourless and tasteless, can be put in contact with drinking water. Does not foster the growth of moulds and fungi even in conditions of high humidity and temperature.
Lubricant and anti-adhesive for all metal/plastic, metal/rubber and plastic/plastic combinations.

- FIELDS OF USE
Used as a lubricant for cable connectors, battery terminals, rubber door seals, switches and rubber and plastic O-rings. Can also be used as a sealant against moisture for ignition systems and spark plug connections of motor vehicles, cars and boats and disconnection junctions of electrical systems, also in electrical groups and terminals.
The main characteristics of the product are:

- High dielectric strength
- Low volatility
- Humidity resistance
- Good thermal oxidation and chemical stability
- Maintains consistency similar to a grease lubricant from -40°C to +200°C
- Odourless and colourless
- Very high water repellency
- Adheres quickly to metals, ceramics, rubber, plastics and dry insulating resins

Electrical properties

Dielectric strength	20 KV/mm
Dielectric constant at 1KHz	2.8
Dielectric dissipation factor at 1KHz	5 x 10^{-4}

- STORAGE
Validity of the product in an unopened package at ambient temperature: at least 3 years

- PACKAGE
PE tube
Contents 100 ml
Code 5001

- NOTES
See Material Safety Data Sheet for more information on product safety.

R&D 12 June 2015

Properties	Test method	Unit of measurement	Typical values
• Appearance			creamy
• Colour			translucent
• Smell			typical
• Specific weight	ASTM D1298	Kg/l	1
• Dropping point	ASTM D566	°C	infusible
• Penetration	ASTM D217		200 - 260
• Recommended usage temperatures		°C	-40 to +200
• Solubility in water			insoluble
• Evaporation (30 hours at 200°C)		%	2 max

The data contained herein are the result of technological research by our laboratories and are given for informative purposes only. We exclude any liability deriving from the incorrect choice or application of the product and from the lack of the necessary precautions, which should be carefully checked by the user.
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