

PTFE SILICONE GREASE 4

Description

Combines the slip properties of silicone with the lubricating properties of PTFE.
Suitable for metal/plastic, metal/rubber, plastic/plastic and low duties metal/metal couplings.
Odourless and tasteless, allowed for use with potable water. Does not allow growth of fungus and moulds even in high humidity and temperature conditions. It is not flammable and has good electrical insulation properties.
NSF International certifies that the product is acceptable as lubricant with incidental food contact (Registration no. 141233 / Category Code H1).

Physical properties

Appearance:	white translucent paste
Chemical composition:	dimethylpolysiloxane and PTFE
Density @ 20°C:	1,20 g/ml
Penetration (ASTM D217):	240 - 300
Consistency grade (ASTM D217-97):	NLGI 2 – 3
Dielectric strength:	20 KV/mm
Dielectric constant at 1 KHz:	2,80
Temperature range:	-40°C - +200°C
Drop (melting) point:	over 200°C
Flash point:	over 300°C
Volatility:	weight loss after 30 hours @ 200°C 2% max
Solubility:	not soluble in water, mineral and vegetal oils, acid and alkaline solutions, salts solutions. Easily removed by organic solvents.
Shelf Life:	5 years at 20°C. in original containers

Storage

We recommend to store product in a cool and dry place at temperature non exceeding +20°C. To avoid contaminations do not refill containers with used product. A slight oil sedimentation is possible after prolonged storage. Mix product before use. For further information on applications, storage and handling contact Loxeal Technical Service

Safety and handling

Consult the Safety Data Sheet

Note

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