

**Description**

It combines the slip properties of silicone with the lubricating power of PTFE.

Suitable for metal/plastic, metal/rubber, plastic/plastic and in some cases metal/metal combinations (not subjected to heavy loads).

It is not toxic, odourless and tasteless, it is allowed for use with potable water.

It is not flammable and has good electrical insulation properties.

It is strongly water-repellent and not easily removable from surfaces immersed in water. It does not allow growth of fungus and moulds even in high humidity and high temperature conditions.

Registered at NSF, cat. H1 for incidental contact with food, Reg. N. 141233.

**Physical properties**

Appearance :	white translucent paste
Chemical composition :	dimethylpolysiloxane and PTFE
Density @ +20°C :	ab. 1,2 g/ml
Drop point :	over +200°C
Penetration ASTM D217 :	240 - 300
Consistency grade (ASTM D217-97) :	(NLGI) 2 - 3
Dielectric strength :	20 KV/mm
Dielectric constant at 1 KHz :	2,8
Temperature range :	-40°C - +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 :	minimum 5 years in the original unopened packaging

**Storage**

We recommend to store product in a cool and dry place at temperature non exceeding +25°C. After a long period of storage it is possible to find a light superficial sedimentation; it is enough to mix slightly before using.

To avoid contaminations do not refill containers with used product. For further information on applications, storage and handling contact Loxeal Technical Service

**Safety and handling**

Consult the Safety Data Sheet before use.

**Note**

The data contained herein, obtained in Loxeal laboratories, are given for information only; if specifics are required, please contact Loxeal Technical Department. Loxeal ensures abiding quality of supplied products according to its own specifics. Loxeal cannot assume responsibility for the results obtained by others which methods are not under Loxeal control. It is user's responsibility to determine suitability for user's purpose of any product mentioned herein. Loxeal disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loxeal products. Loxeal specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.