

LM 381 Contact-Grease

Description

Fully synthetic contact treatment preparation. Particularly compatible with plastics. The special formulation of additives, fully synthetic oil and consistency modifiers ensures that it can be used over a wide range of temperatures. The product shows no signs of chemical decomposition or resinification even after long periods of use. Creates a protective barrier on electrical contacts to keep out environmental influences such as dust, dirt and moisture, even on electronically moving parts. Reduces wear and corrosion and penetrates layers of oxides and sulphides.

Properties

- suppresses noise and vibration
- good lubrication at high load
- for basic and lifetime lubrication
- optimum stability to aging
- stable to oxidation
- wide operating temperature range
- does not resinify or become sticky
- compatible with plastics
- good corrosion protection
- low coefficient of friction
- good water resistance
- silicone-free

Technical data

Color / appearance	türkis
Base	Syntheseöl
Consistency modifiers	anorganischer Verdicker
Density at 20 °C	0,9 g/cm ³ DIN 51 757
Flow pressure at -35 °C	72 kPa DIN 51 805
Dropping point	nicht tropfend DIN ISO 2176
NLGI number	1 DIN 51 804
Operating temperature range	-35 bis +150 °C
Oil separation	max. 3 Gew.-% DIN 51 817
Water resistance	0-1 DIN 51 807
Copper corrosion	1a DIN 51 811
Working stability after 60,000	max. + 30 1/10 mm DIN ISO 2137



Technical data

Specific electrical volume resistance at 20 °C $0,4 \cdot 10^8 \Omega \cdot \text{cm}$

Areas of application

For the lubrication and care of mechanical and electrical parts in switches and precision mechanical products.

Compatible with silver and gold contacts. ABS-compatible.

Application

Before treating, the contact surfaces should be clean and free from residues such as lubricants, dirt and moisture. Apply a thin uniform coat. **Note:** Before using the product, check for compatibility with plastics sensitive to stress cracking.

Available pack sizes

25 kg Bucket plastic 3161
D-GB

Our information is based on thorough research and may be considered reliable, although not legally binding.