

## SILISIL Paste MR7

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### Description:

SILISIL Paste MR7 is a silicone-based lubricating and release paste based on polydimethylsiloxane oil with inert fillers.

The product is versatile and can be used as a lubricant, release agent and protective paste in various industrial applications.

### Key features:

- Silicone oil-based with inert fillers
- NLGI consistency: **No. 2**
- High thermal stability
- Excellent release properties, even at high temperatures • Does not burn onto molds • Reduces maintenance and scrap rates • Improves the surface quality of molded parts

### Main areas of application:

- **Release agents** in rubber and plastic mold making • **Production of low-pressure laminates** from phenolic resins or polyesters • **Dynamic lubrication** in pneumatic systems (e.g., in aviation) • **Lubrication of O-rings and seals** in the automotive industry • **Lubrication of metallic shaft rings** • **Lubricants and protective agents** for systems with plastic components

### Advantages:

- Excellent chemical stability • Wide temperature range (-40 °C to +200 °C) • Good water resistance • Suitable for applications with occasional food contact • Long-lasting lubrication

### Instructions for use:

SILISIL Paste MR7 should be applied to clean and dry surfaces.

Degreasing the surface may be necessary.

The product can be applied with a brush, spatula, spray gun or cartridge gun.

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### Technical data:

Characteristic	Value
Chemical basis	Silicone grease based on polydimethylsiloxane
appearance	Thread-forming, pasty mass
Color	Translucent
Consistency (NLGI) (ASTM D 217)	No. 2
Penetration (25 °C) (ASTM D 217)	265 – 295 (1/10 mm)
Density (25 °C)	ca. 1,0 g/cm <sup>3</sup>
Flash point	> 320 °C
freezing point	– 40 °C
Dropping point	None
Temperature range	-40 °C to +200 °C
Dielectric constant (25 °C, 10 <sup>2</sup> Hz) 2.74	

### Compatibility:

Medium / Material	compatibility
Silikonöle, Phenyl-Trimethicon	Compatible
Aliphatic solvents	Soluble
Aromatic solvents	Soluble
Water	Insoluble
Mineralfette	Not compatible
EPDM, EPM, NBR, SBR, NR, IR, BR, IIR	Compatible
MFQ, MPQ, MPVQ, MQ, MVQ	Not compatible



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<b>Gases / Liquefied gases</b>	Not compatible
<b>Drinking water contact</b>	Permissible
<b>Accidental food contact</b>	Permissible
<b>Water resistance</b>	And
<b>Fuel resistance (oil, gasoline, diesel)</b>	No
<b>Resistance to polar liquids</b>	And
<b>Resistance to nonpolar liquids</b>	No

### Packaging:

- 100g tubes
- 1 kg bucket
- 25 kg bucket (standard)
- Other packaging available on request

### Storage and shelf life:

- Store in original sealed containers at temperatures between +2 °C and +50 °C
- Shelf life: 36 months from date of manufacture
- Protect from frost and direct sunlight

### Safety instructions:

Before handling the product, read the safety data sheet and ensure that you have all the information required for safe use.

### Important NOTE:

This document contains information provided to the best of our knowledge and belief, based on the current state of our understanding. This information is for guidance only and does not constitute any obligation on our part, particularly in the event of an infringement of third-party rights through the use of our products. This information should be supplemented by preliminary testing to ensure the product's suitability for its intended purpose.