

Technical Data Sheet

SILIKON 1-2

Silicone sealing grease



Description Silikon 1-2 is a semi-transparent grease based on selected silicone base oils specifically formulated for food-grade, pharmaceutical and cosmetic industry. This product is absolutely harmless in case of accidental contact with food, drugs or beverages. Silikon 1-2 is formulated in accordance with FDA 21 CFR 178.3570 and is certificated NSF H1.

Use / Application Silikon 1-2 is compatible with mostly used elastomers and polymers (plastics) materials and is, therefore, indicated for gaskets lubrication, above all for EPDM, plastic or rubber parts.
Silikon 1-2 is suitable for use on various applications, it is easy to be applied and has remarkable electrical insulating properties.

Properties

- outstanding oxidation resistance
- minimum evaporation loss
- excellent behaviour on low temperatures
- perfect resistance to chemical agents
- large working temperature range
- outstanding dielectric behaviour
- humidity resistant
- radiation resistant
- NSF H1 certificate

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Service temp. by permanent lubrication		°C	-40 / +220
Penetration	DIN ISO 2137	1/10 mm	265 ± 20
NLGI class			1-2
Designation	DIN 51502		MSI 2 R-40
Base oil			Synthetic silicone
Base oil viscosity at 40°C	DIN 51562	mm²/s	10.000 ca.

For more than forty years is the company NILS active in the field of lubricants. It is specialized to supply the highest performance lubricants and analysis services to its partners and clients. Our technicians are at your disposal not only to provide further details on a particular product, but also to find a solution to your matter in order to reduce the lubrication cost and to improve the working and production process.

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Subject to modification of the technical data. Please refer to the material safety data sheet for additional information or contact our technical support.

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