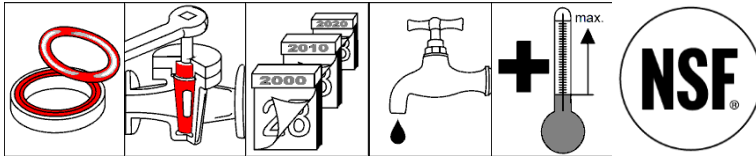


OKS 1110 Multi-Silicone Grease



Description

Highly adhesive transparent silicone grease for fittings, seals and plastic parts.

Applications

- Sealant and lubricant for cold and hot-water valves in vehicle heating systems or cooling circuits and for ground seals on glass taps and desiccators
- Lubrication of O-rings and rubber seals for assembly and during operation
- Lubrication of plastic parts

Main fields of application

- Sealing technology
- Plumbing and heating sector
- Food processing technology
- Drinking water tap

Advantages and benefits

- NSF H1-registered
- Tasteless and odourless
- Highly effective due to excellent adhesion on all materials
- Neutral behaviour with regard to plastics and elastomers
- Completely EPDM-compatible
- High long-term stability without drying out, hardening or bleeding
- Resistant to cold and hot water, as well as acetone, ethanol, ethylene glycol, glycerine and methanol

Application tips

Clean the lubricating points well for optimal effect. Apply the grease evenly and thinly to the functional surfaces with a brush, spatula, etc. Avoid excesses. In as far as available, observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants. Caution: Plastic based on silicone, such as silicone rubber can be attacked by silicone grease. Silicone grease may not be used at sliding points under pure oxygen influence.

Our customer advice service will be pleased to help should you have any further questions.



PRODUCT INFORMATION

OKS 1110 Multi-Silicone Grease

Technical Data

	Standard	Conditions	Unit	Value
Marking	DIN 51 502	DIN 51 825		MSI3S-40
Base oil				
Type				Polydimethylsiloxane
Viscosity	DIN 51 562-1	40°C 100°C	mm ² /s mm ² /s	9,500 3,800
Evaporation loss	DIN 58 397-1	30h / 200°C	Percent in weight	< 2.5
Thickener				
Type				Inorganic
Application-specific data				
Density	DIN EN ISO 3838	20°C	g/cm ³	0.96
Colour				transparent
Consistency	DIN 51 818	DIN ISO 2137	NLGI grade	3
Unworked penetration	DIN ISO 2137		0.1 mm	180 - 210
Flow pressure	DIN 51 805	-40°C 20°C	mbar mbar	<100 50
Drop point	DIN ISO 2176		°C	without
Oil separation	DIN 51 817	18 h / 40 °C 168 h / 40°C	Percent in weight Percent in weight	0.86 3.46
Resistance to oxidation	DIN 51 808	100 h / 99°C	bar	< 0.3
Operating temperatures				
Lower operating temperature			°C	-40
Upper operating temperature			°C	200
Corrosion protection tests				
SKF-EMCOR	DIN 51 802		Corr. degree	3 and 4
Water resistance	DIN 51 807-1	90°C	Degree	0 - 90
Approvals/Specifications				
Food processing technology				NSF H1 Reg. No. 124381
Drinking water		UBA guideline (D) ACS (conformity to positive lists) (F)		Test certificate KA 432 Test certificate 17 CLP NY 015
Beer foam compatibility				Approval of the BPV Weihenstephan

Packaging

- 4 g tube
- 10 ml tube
- 80 ml tube
- 400 ml cartridge
- 500 g tin
- 1 kg tin
- 5 kg hobbock
- 25 kg hobbock
- 180 kg drum

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