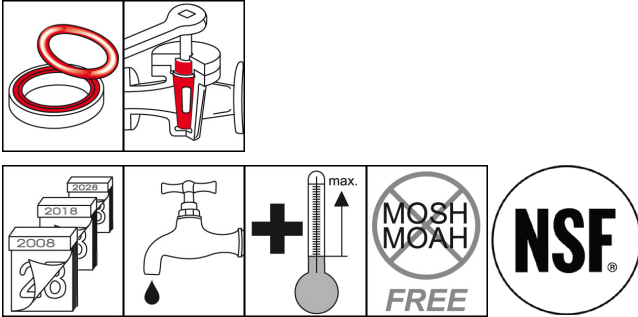


OKS 1110 Multi-Silicone Grease



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

Branches

- Plant and machine (tool) engineering
- Logistics
- Iron and steel industry
- Chemical industry
- Shipbuilding and marine technology
- Paper and packaging industry
- Rail vehicle technology
- Catering equipment and food processing technology
- Rubber and plastic processing
- Municipal services
- Glass and foundry industry

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
- MOSH/MOAH-free

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.



PRODUCT INFORMATION

OKS 1110 Multi-Silicone Grease

Packaging

- 10 ml Tube
- 80 ml Tube
- 400 ml Cartridge
- 4 g Tube
- 500 g Can
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock
- 180 kg Drum

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				polydimethylsiloxane
thickener				inorganic
Application related technical data				
marking	DIN 51 502	DIN 51 825		MSI3S-40
viscosity at (40°C)	DIN 51 562-1	base oil	mm ² /s	9,500
viscosity at (100°C)	DIN 51 562-1	base oil	mm ² /s	3,800
drop point	DIN ISO 2176		°C	without
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		< 100
flow pressure	DIN 51 805	20°C		50
oil separation	DIN 51 817	18h/40°C	percent in weight	0.86
oil separation	DIN 51 817	168h/40°C	percent in weight	3.46
resistance to oxidation	DIN 51 808	100h/99°C	bar	< 0.3
lower operating temperature			°C	-40
upper operating temperature			°C	200
colour				transparent
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.96
water resistance	DIN 51 807-1	90°C	Degree	0-90
SKF-EMCOR	DIN 51 802		corr. degree	3-4
Product specific technical data				
evaporation loss	DIN 58 397-1	30h, 200°C	percent in weight	< 2.5
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 124381
drinking water approval	UBA guideline (D)			test certificate KA 0432/15
drinking water approval	ACS-conformity to positive lists (F)			test certificate 17 CLP NY 015
beer foam compatibility				approval of the BPV Weihenstephan



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Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com. Our Customer and Technical service will be pleased to help should you have any further questions.