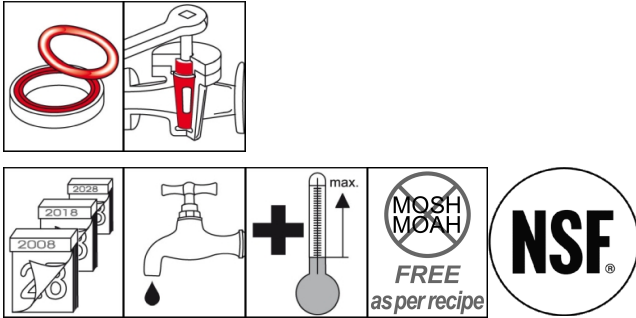


OKS 1110 Multi-Silicone Grease



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

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

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 (as per recipe)

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.

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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 base oil	DIN 51 562-1	at 40°C	mm ² /s	9,500
Viscosity base oil	DIN 51 562-1	at 100°C	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	175-220
flow pressure	DIN 51 805	-40°C	mbar	< 100
flow pressure	DIN 51 805	20°C	mbar	50
oil separation	DIN 51 817	18h/40°C	percent in weight	<0.01
oil separation	DIN 51 817	168h/40°C	percent in weight	<0.05
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	DIN EN ISO 3838	at 20°C	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				
UFI				3DQ2-V05Q-X009-9JGX
approval for food processing technology				NSF H1, Reg.-Nr. 124381
drinking water approval	UBA guideline (D)			test certificate OFI-1085-753
drinking water approval	ACS-conformity to positive lists (F)			test certificate 22 CLP LY 24
Tested for beer foam compatibility				approval of the BPV Weihenstephan



KLÜBER
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Multi-Silicone Grease

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.