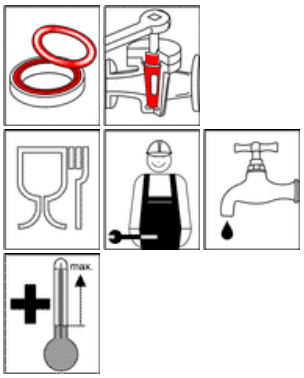
OKS 1110 - Product Information

OKS 1110
Multi-Silicone Grease



Fields of Application:

Sealant and lubricant for cold and hot-water valves in plumbing and heating sector, in vehicle heating or cooling circuits, ground seals on glass taps and desiccators. For lubricating O-rings and rubber seals during assembly and operation, as well as plastic parts of all kinds.

Advantages and Benefits:

Highly effective due to excellent adhesion on all materials. Neutral behaviour with regard to plastics and elastomers. Consistent properties without drying out, hardening or bleeding. Resistant to cold and hot water, as well as acetone, ethanol, ethylene glycol, glycerine and methanol. Toxicologically harmless as defined in Sec. 31, Para. 1 of German Foodstuffs and Essential Commodities Act. Approved by NSF to category H1 under number 124381. Released by LGA Nuremberg for usage in food processing technology. Tested and approved by Nat. Test Institute of TU Weihenstephan for quality properties of taste and smell influence. Released of Krones AG for lubrication of rotating distributors in bottling equipment. Tested by Technologie Zentrum Wasser (TZW) according to KTW-recommendations of nat. Health department for use with seals D2. Tested by DVGW acc. DIN EN 377.

Application:

For best results, clean lubricant points and surfaces carefully, e.g. with OKS 2610 or OKS 2611. Apply a suitable quantity of grease to the lubricant point (e.g. with a brush or spatula etc.). Remove excess lubricant. Observe the instructions of the machine manufacturer. Relubrication intervals and amount to be defined acc. to the service conditions. Only mix with appropriate lubricants. Bearings filled with silicon grease must not have higher loads than 1/3rd of the bearing´s permitted load. Silicone-based plastics, e.g. silicone rubber, can be dissolved by silicone grease. Silicone grease must not be applied to sliding surfaces under influence of pure oxygen. For further questions please contact our Technical department.

Additional Information:

Packaging (Article number):
- 10 g Tube (01110011)
- 100 g Tube (01110012)
- 400 g Cartridge (01110019)
- 500 g Tin (01110031)
- 5 kg Hobbock (01110050)
- 25 kg Hobbock (01110062)
- 180 kg Drum (01110070)

Version
E-09.1/07

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Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		MSI3S-40
Base Oil				
Type				Polydimethylsiloxane
Viscosity	DIN 51 562-1 DIN 51 562-1	40 °C 100° C	mm²/s mm²/s	9.500 3.800
Evaporation loss	DIN 58 397-1	30h/200°C	Weight-%	< 2,5
Thickener				
Type				anorganic
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	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	none
Oil separation	DIN 51 817	18h/40° C 168h/40°C	Weight-% Weight-%	0,86 3,46
Oxidation resistance	DIN 51 808	100h/160°C	bar	< 0,3
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	1,0
Colour				transparent
Service Temperatures				
Minimum service temperature			°C	-40
Maximum service temperature			°C	200
Corrosion protection tests				
SKF-EMCOR	DIN 51 802		Corr. -Grad 1-5	3 - 4
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 90
Releases / Specifications				
Food industry				Acc §31, Para. 1, LMBG NSF H1 Reg.-Nr. 124 381 Release of LGA Nuremberg Release of BPV Weihenstephan
Miscellaneous	KTW DVGW	DIN DVGW DIN EN 377		KTW-recommendation: Seals D2 Certificate NG-5162BL0482

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