

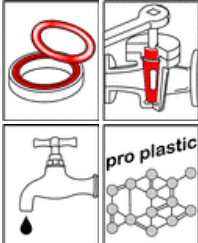


OKS 1112 - Product Information

Fields of Application:

Lubrication of closing devices and taps, as well as ground joints in industrial vacuum and laboratory equipment, if the consistency of other OKS silicone greases is insufficient.

OKS 1112 Silicone grease for vacuum taps



Advantages and Benefits:

No carbonization, no melting, steam pressure stays negligible up to +200 °C. No corrosive influence on metals and no softening influence on rubber and plastics. Good resistance against solvents and excellent resistance against numerous chemical agents. Resistive to cold and hot water, acetone, ethanol, ethylenglycole, glycerine and methanol, most of diluted bases and acids mineral and vegetable oils and numerous organic compounds and almost all usual gases.

Application:

For best results, clean lubricant points and surfaces carefully, e.g. with OKS 2610 or OKS 2611. Apply grease evenly thin to the function point (e.g. with a brush or spatula etc.). Avoid excess. Observe the instructions of the machine manufacturer. Only mix with appropriate lubricants. 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):
- 500 g Tin (01112031)
- 5 kg Hobbock (01112050)
- 25 kg Hobbock (01112062)

Version
E-05.1/05

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OKS 1112 Silicone grease for vacuum taps

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		MSI4S-40
Base Oil				
Type				Polydimethylsiloxane
Pourpoint	DIN ISO 3016	3°C step	°C	< -50
Thickener				
Type				anorganic
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	4
Worked penetration	DIN ISO 2137	60 Dh	0,1 mm	approx. 190
Creeping		24h/200 °C	%	0,5
Evaporation loss	DIN 58 397-1	24h/200 °C	Weight-%	< 2,0
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/ml	1,0
Colour				transparent
Service Temperatures				
Minimum service temperature			°C	-40
Maximum service temperature			°C	200
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 90

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