



OKS 530 - Product Information

Fields of Application:

Dry lubrication with solid lubricants as longer-acting reserve layers in area of low sliding speeds subject to high surface pressures and pre-determined sliding paths. Wear protection for increased service life of sliding surfaces. Fully effective even after longer standstills. Resistant to high temperatures, no adhesion of dust and dirt.

OKS 530

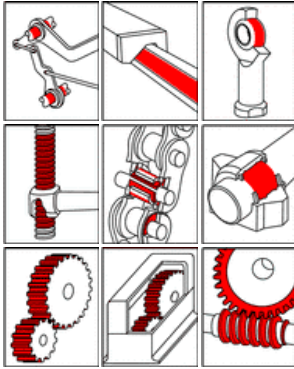
**MoS₂ Bonded Coating,
water-based, air-drying**

Advantages and Benefits:

Highly effective due to good adhesion to prepared substrates. Consistent coefficient of sliding friction under maximum loading of sliding film. Wear protection of sliding points that can otherwise not be lubricated is possible. Firmly adhering, pressure and temperature-resistant dry lubricating film.

Application:

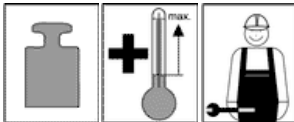
For optimum adhesion clean surfaces, first mechanically and then with OKS 2610/OKS 2611 Universal Cleaner. The surfaces must be metallic bright and dry. Chemical or mechanical preparation of the surfaces might considerably improve the service life of the bonded coating. Stir well prior to use. The application preferably is effected by spraying or dipping, in single cases also by brushing a uniform thin film on to the prepared surfaces. Local excess should be avoided. Drying and curing conditions acc. to the following technical data. For further questions please contact our technical department.



Additional Information:

Packaging (article number):
- 500 g Tin (00530031)
- 5 kg Hobbock (00530050)
- 25 kg Hobbock (00530062)

Version:
E-05.1/05



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OKS 530 MoS₂ Bonded Coating, water-based, air-drying

Technical Data

	Norm	Conditions	Unit	Value
Solid Lubricants				
Type				MoS ₂ , Graphite
Binder				
Type				Kelzan rubber
Solvents				
Type				Water, solvent
Flash point	DIN 51 755 (-2)	<65°C (<5°C)	°C	37
Film Layer				
Application temperature			°C	Room temperature
Drying time		+20°C	h	1 - 2
Surface coverage			m ² /kg	up to 15
Diluent				Water
Dilution			Parts	max. 1:1
Application Data				
Density	DIN EN ISO 3838	+20°C	g/ml	1,1
Colour				black
Service Temperatures				
Minimum service temperature			°C	-35
Maximum service temperature			°C	450
Friction Values				
Thread friction value	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 plain Nut: ISO 4032 M10-10 plain	μ	0,05
Press-fit-test	E DIN 51 833		μ	0,10, no chatter

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