



OKS 561 - Product Information

Fields of Application:

For the lubrication of screws, nuts, clamps, etc. at high temperatures. Dry lubrication in cases where oils and greases are no more possible due to high temperatures, e.g. at glass molding machines. Lubrication film for grooveless cold and hot forging of metals, over a broad temperature range; especially for hot forging of non-ferrous metals on multistage presses.

OKS 561

**Graphite Bonded
Coating, air-curing,
Spray**



Advantages and Benefits:

After evaporation of the solvent, OKS 561 creates a dry and adherent separating and sliding film on the prepared surface with excellent wear protection, even at highest pressure and extreme temperatures. The combination of sulfur-free dry lubricants provides a clean and smooth surface. No pitting and carbonizing e.g. when moulded blanks are heated inductively.

Application:

For best adhesion clean the sliding surfaces, first mechanically and then with OKS 2610/OKS 2611 Universal Cleaner. The surfaces have to be metallic blank and dry. Shake well before use. Avoid local excess. Drying and curing conditions acc. to the following technical data. For additional questions please contact our Technical Department.

Additional Information:

Packaging (Article Number):
- 400 ml Spray (00561004)

Date:
E-06.1/04

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Technical Data

	Norm	Conditions	Measurement	Value
Solid Lubricants				
Type				graphite
Binder				
Type				organic binder
Solvent				
Type				benzine
Flash point	DIN 51 755 (-2)	<65°C (<5°C)	°C	-18
Filmlayer				
Optimal layer thickness	DIN 50 981/50 984	DIN 50 982-2	µm	7 - 15
Application temperatures			°C	Room temperature
Drying time		+20°C	min	5
Curing time			min	60
Curing temperature			°C	20
Technical Data				
Density	DIN EN ISO 3838	+20°C	g/ml	0,84
Colour				black-gray
Application temperatures				
Minimum application temperature			°C	-60
Maximum application temperature			°C	350
Short-time application temperature			°C	600
Friction values				
Press-Fit-Test	E DIN 51 833		µ =	0,17, no chatter
Thread friction value	DIN 946	Screw DIN 933, M10-8.8, black Nut DIN 934, M10-10.0, balnc	µ thread =	0,07

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