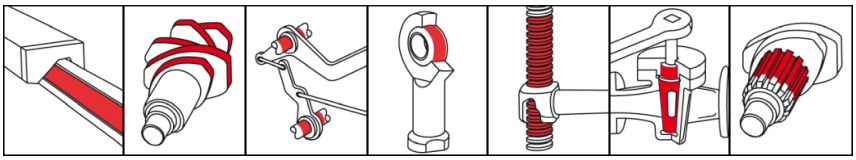
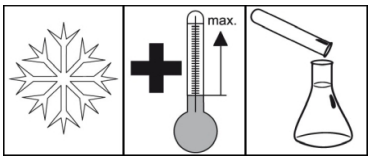
OKS 571

PTFE Bonded Coating, Spray





Description

PTFE bonded coating for dry lubrication of different material pairs at low pressures, low speeds and in dusty environments.

Applications

- Dry lubrication of the most varied materials sliding on top of or rubbing against each other (such as metals, wood, ceramic, rubber, and also adhesives or paintable plastics)
- Anti-stick coating of seals or sealing surfaces of all kinds to prevent sticking-on
- To cure the squeaking noises of soft on hard materials
- For water-repellent impregnation of absorbent materials
- Separating film in cast resin applications

Advantages and benefits

- Dry, non-soiling film
- Highly effective due to good adhesion to prepared substrates
- Colourless and odourless low-friction coating with non-stick properties
- Prevents frictional corrosion
- Dries at room temperature

Branches

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

Application tips

For optimum adhesion, clean the surfaces. Best way is to clean mechanically first and then with OKS 2610/OKS 2611 universal cleaner. The surfaces to be treated must be bright metal and dry. Chemical or mechanical pretreatment of surfaces may extend the service life of the non-stick paint. Stir the paint thoroughly before use. Apply OKS 570 in an evenly thin film to the prepared surfaces, preferably by spraying or dipping, in individual cases also by brush. Spray OKS 571 on evenly. Avoid local excesses (e.g. 'curtaining'). Drying and curing conditions as per the following technical data.

Packaging

- 400 ml Spray

PRODUCT INFORMATION

OKS 571

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Technical data

	Standard	Conditions	Unit	Value
Main components				
binder				silicone resin
solvent				solvent mixture
solid lubricants				PTFE
additives				UV indicator
Application related technical data				
flashing point	DIN 51 755 (-2)	< 65 (< 5°C)	°C	> -18
lower operating temperature			°C	-180
upper operating temperature			°C	260
optimal layer thickness	DIN 50 981/50 984	DIN 50 982-2	µm	5-20
surface covering			m^2/can	3
processing temperature			°C	20-25
drying time		room temperature	min	15
colour				whitish
density (at 20°C)	DIN EN ISO 3838		g/cm^3	0.83
thread friction coefficient (µ total)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.1
press-fit test (µ)	draft DIN 51 833			0.07, no chatter

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