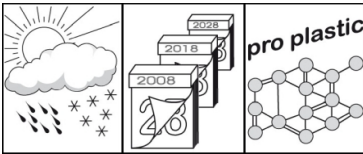
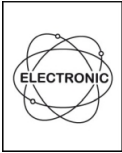


## OKS 1105 Isolating Paste



### Description

OKS 1105 prevents the formation of electrically conductive layers and minimises the risk of flashovers and dielectric losses. The insulators and switchgear covered with the paste thus maintain a good insulation resistance.

### Applications

- Sealing lubrication for electrical or electronic equipment such as relays, plug-in connections, cable lugs and lamp sockets
- Protection of insulators and switchgear in humid atmospheres, for example of junction boxes, screw terminals, overload cutouts at high-voltage pylons, connecting cables and terminal connections
- Lubricant for plastic screw connections and other moving parts of metal, ceramic, plastic

### Branches

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

### Application tips

For optimum effectiveness, clean the point to be protected. Best way is to clean mechanically first and then with OKS 2610/OKS 2611 universal cleaner. Apply OKS 1105 evenly. Avoid excesses. Observe the plant manufacturer's instructions. If the protective layer is saturated with conductive particles, remove these and apply a new coating.

### Packaging

- 500 g Can
- 5 kg Hobbock

### Advantages and benefits

- Excellent water repellent properties
- Excellent surface wetting
- Good adhesion on glass, porcelain and plastics
- Stable consistency across a wide temperature range
- Very good resistance to chemical and weather-based influences (e.g. ozone, UV radiation)
- Neutral with regard to many materials
- Small change in the dielectric properties across a wide temperature range

# OKS 1105

## Isolating Paste

### Technical data

	Standard	Conditions	Unit	Value
<b>Main components</b>				
base oil				polydimethylsiloxane
thickener				inorganic
<b>Application related technical data</b>				
marking	analogue to DIN 51 502			MSI23S-40
drop point	DIN ISO 2176		°C	without
unworked penetration	DIN ISO 2137		0.1 mm	245-275
resistance to oxidation	DIN 51 808	100h/99°C	bar	< 0.3
lower operating temperature			°C	-40
upper operating temperature			°C	200
colour				light-coloured
density	DIN EN ISO 3838	at 20°C	g/cm <sup>3</sup>	1.05
<b>Product specific technical data</b>				
dielectric constant		10 <sup>2</sup> - 10 <sup>5</sup> Hz		2.75
evaporation loss	DIN 58 397-1	30h, 200°C	percent in weight	< 2.5
dielectric strength	DIN 53 482		kV/mm	approx. 35
specific resistivity	DIN 53 482	25°C	Ω cm	approx. 10 <sup>14</sup>

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