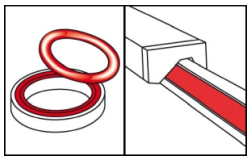
OKS 468

Plastic and Elastomer Adhesive Lubricant



Description

Silicone-free lubricant and sealing lubricant for plastic/plastic and plastic/metal combinations.

Applications

- Silicone-free alternative for the lubrication of O-rings and sealings during assembly.
- Lubrication of plastic parts such as gears, sliding surfaces, etc.

Branches

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

Advantages and benefits

- Excellent adhesion on plastics and metals
- Tasteless and odourless
- Consistent properties without drying out, hardening or bleeding
- NSF H1 registered
- Compatible with plastics (see table)
- Silicone-free
- MOSH/MOAH-free (as per recipe)

PP	✓✓✓✓✓	PVC	✓✓✓✓
PC	✓✓✓✓✓	NR 40	✓
ABS	✓✓✓✓✓	CRI/SBR	✓✓✓
PET	✓✓✓✓✓	PE	✓✓✓✓✓
PS	✓✓✓✓✓	SI 50	✓✓✓✓✓
EPDM[1]	✓✓✓	FKM	✓✓✓✓✓
POM	✓✓✓✓✓	PTFE	✓✓✓✓✓

[1] Discolouration of the grease can occur. A change in the strength of the EPDM could not be established.

✓ incompatible
✓✓ compatible to a restricted extent
✓✓✓ limited compatibility
✓✓✓✓ high compatibility
✓✓✓✓✓ complete compatibility

Application tips

Clean the lubricating points well for optimal effect. Apply the grease evenly and thinly to the functional surfaces with a brush, spatula, etc. Avoid excesses. Observe the machine manufacturer's instructions. Due to the high number of polymers and elastomers used we highly recommend that you always carry out tests beforehand at critical applications. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

PRODUCT INFORMATION

OKS 468

Plastic and Elastomer Adhesive Lubricant

Packaging

- 1 kg Can
- 5 kg Hobbock

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyalphaolefine
thickener				inorganic
Application related technical data				
viscosity (at 40°C)	DIN 51 562-1	base oil	mm²/s	1,700
unworked penetration	DIN ISO 2137		0.1 mm	290-330
lower operating temperature			°C	-25
upper operating temperature			°C	150
colour				transparent
density (at 20°C)	DIN EN ISO 3838		g/cm³	0.84
Properties and approvals				
UFI				
approval for food processing technology				NSF H1, Reg.-Nr. 135591

OKS Spezialschmierstoffe GmbH
Ganghoferstraße 47
82216 Maisach
+49 8142 3051 - 500
info@oks-germany.com
www.oks-germany.com

a brand of FREUDENBERG