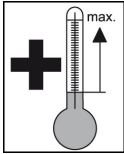
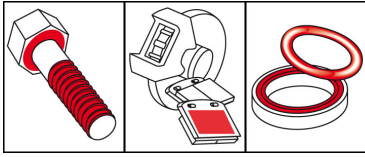


OKS 235 Aluminiumpaste, Anti-Seize-Paste



Description

Aluminium paste for assembling screw and bolt threaded connections that are subjected to high temperatures and corrosive influences.

Applications

- Assembly lubrication of machine parts, screw connections, fittings, flange and plug-in connections, guides, sliding and sealing surfaces of ovens, boilers, burners, motors, engines subject to high-temperature conditions
- Separating paste

Branches

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

Advantages and benefits

- Excellently suited for preventing seizing and burning together
- Highly effective due to outstanding separating action and pressure absorption
- Good protection against ingress of splashing and condensed water
- Free of heavy metal compounds
- Good corrosion protection
- Excellent water resistance
- Wide operating temperature range
- Optimum ratio of screw tightening torque to achievable pre-tension
- Also available as spray version OKS 2351

Application tips

For best adhesion, clean contamination and other lubricants from thread and slide surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610/OKS 2611 universal cleaning agent. Apply sufficient OKS 235 evenly to the head or nut contact surface and to the thread by using a brush, spatula, etc. Spray on OKS 2351 evenly. Do not use paste instead of grease and mix only with suitable lubricants.



OKS 235

Aluminiumpaste, Anti-Seize-Paste

Packaging

- 1 kg Can
- 5 kg Hobbock

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil
solid lubricants				other solid lubricants
solid lubricants				aluminium powder
thickener				inorganic
Application related technical data				
breakaway torque	DIN 267-27	A2-70, 400°C, 100h	Nm	< 2.0 x tightening torque
colour				metallic silver
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.98
drop point	DIN ISO 2176		°C	without
flashing point	DIN ISO 2592	> 79	°C	> 180
lower operating temperature			°C	-40
salt spray test	DIN 50 021	layer thickness 60µm	h	> 50
thread friction coefficient (µ)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide		0.12
thread friction coefficient (µ)	DIN EN ISO 16 047	nut ISO 4032 M10-10 black-oxide		0.12
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	310-340
upper operating temperature			°C	1,100
water resistance	DIN 51 807-1	40°C	Degree 1-3	1

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 Phone: +49 (0) 8142 3051 - 500
 info@oks-germany.com
 www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark

Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com.

Our Customer and Technical service will be pleased to help should you have any further questions.