

anti-friction coating

GLEIT- μ [®] GL 257

Product properties

- » dry, gray black anti-friction coating film
- » high pressure-resistance
- » constant, low, reproducible coefficients of friction
- » minimiert Stick-Slip-Gefahr
- » sulfur-free
- » high adhesion
- » broad application temperature range: up to +600 °C
- » cost-effective and perfectly executed contract coating possible

Application examples

- » Bolt lubrication at high temperatures
- » Spindles, Stemmnut
- » Sliding plates (gates)
- » Threads on housings
- » Screws and nuts made of stainless steel

Product description

Appearance on delivery

On delivery GLEIT- μ [®] GL 257 is a solvent-containing, gray-black lubricant which is based on a selected, carefully balanced solid lubricant combination, a very high graphite share and an organic binder.

Appearance after application

After application and hardening GLEIT- μ [®] GL 257 results in a dry, pressure resistant, adhesive gray-black anti-friction coating film

GLEIT- μ [®] GL can be used as a individual lubricant but is also very well suited as a support for oil or grease lubrication due to its good oil resistance.

Fields of application

It is always useful where a defined, predictable friction behavior must be achieved and to facilitate easy assembly and disassembly. Only through the defined friction is a reliable implementation of the calculated torque into the desired clamping force.

For a high temperature application, we recommend the lubrication with the High-temperature paste GLEIT- μ [®] HP 505. Thus, the thread is protected against contamination and aggressive media.

Product application

The anti-friction coating film GLEIT- μ [®] GL 257 is processed in our contract coating company exclusively, and is applied cost-effectively. Please ask for the product information about boltcoat[®] 2571.



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Product specification

Specification	Testing method	Result	Unit
Appearance on delivery	visual	gray-black	
Appearance after application	visual	gray-black	
Solid lubricant		graphite	
Viscosity(fluid)	DIN 53211 (3 mm Düse)	approx. 30	sec.
Density(fluid)	DIN 51757	approx. 0,9	g/cm ³
Flash point (fluid)	DIN EN 57	kein	
Application temperature range		-70 bis +600	°C
Drying/ Hardening time (20°C/200°C)		ca. 20/60	min.
Recommended layer thickness		approx. 5–15	μ m
Coefficient of friction μ min	screw test bench	approx. 0,09	
Shelf life (fluid)		4 months from delivery date in closed original packaging	
Available containers		contract coating	
Risk declaration (fluid)		Please ask for MSDS.	

The measured values reflect our present state of knowledge. The values are average values and may vary according to the usual manufacturer's instructions. We reserve the right for changes in technical development. Due to various fields of applications the product information can only give examples of possible applications. Therefore it is not possible to make warranty and liability claims for damages. Prior to use we recommend to perform tests.

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