

## Product Information

## gleitmo® 985

### Description

gleitmo 985 is an air-drying water-based solid film lubricant with an organic binder. It contains a specially processed polytetrafluorethylene as an active ingredient with high lubrication and separating effects.

gleitmo 985 adheres very well on many materials.

### Field of application

For dry lubrication of a wide variety of material pairings, such as metal, plastics, rubber, wood, cardboard and ceramics, either with or among each other.

For lubrication, wear protection and to avoid noise occurrence in automobile interior.

Gleitmo 985 can be used for the coating of screws, nuts, bolts, fittings and rubber seals to enable defined assembly.

### Method of application

gleitmo 985 may be applied with compressed air and airless spraying systems. Agitators are recommended for the container in this case.

Immersion is economical for large quantities of small parts. Owing to uneven coating, application with a brush or roller is only recommendable if spraying or immersion is not possible.

The sliding surfaces to be coated should be carefully degreased with a solvent and allowed to dry.

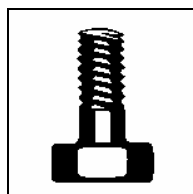
### Note

Stir well before use!

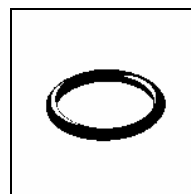
Protect from freezing!

Shelf-life: 12 month in the closed

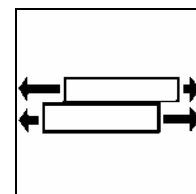
Original containers at room temperature



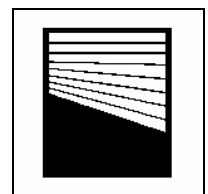
screws



seals



dry lubrication



plastics

### Water-based PTFE solid film lubricant

- **temperature range:**  
**-180 / +250 °C**
- **forms a dry, thin lubricating film**
- **adheres very well on many material surfaces**
- **offers exceptional non-stick and separating characteristics**
- **does not soil or grease**
- **facilitates assembly of parts with robots (sealing rings, screws)**
- **is environmentally harmless and user friendly**
- **can be used in contact with food stuff**
- **is containing an UV-illumination additive for coating control by means of UV-light (340 – 380 nm)**

## Technical Data

## gleitmo 985

<b>Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test</b>
Colour of the dry film	silk dull		
Temperature range	-180 / +250	° C	LLS 134
Binder	organic		
Solid lubricants	mod. PTFE		
Viscosity [Nozzle 4, 20 °C]	appr. 55	s	DIN ISO 2431
Yield	20	m <sup>2</sup> /kg	
Drying time	30-45	min	
at	20	° C	
Curing time	appr. 60	min	
at	20	° C	
Recommended layer thickness	appr. 3-5	µm	
Thinner	lossmineral. water		
Screw test [M12/8.8/20°C] friction coefficient	appr. 0,08		LLS 068
Press-fit test, kin. friction value	appr. 0,05		LLS 070
Press-fit test, stat. friction value	appr. 0,06		LLS 070

LLS = LUBRITECH LABORATORY SPECIFICATION

**Package size:** 5 l  
others on request

As far as we know these information reflect the current state of knowledge and our research. They cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Our products are continually being up-dated. We reserve the right, therefore, to alter the information of this product information at any time and without prior announcement.

We are specialized in developing products for extreme tribological problems in cooperation with end users.  
FUCHS LUBRITECH provides service and individual advice. Please contact us!  
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