

Product Information

gleitmo[®] 605

Description

gleitmo 605 is a colloidal suspension of gleitmo White Solid Lubricants in water. The dry lubricating film remaining upon application shows a very good adhesion on the different surfaces types.

Field of application

gleitmo 605 is used for lubrication of threaded screws, nuts, wood screws, chipboard screws, sheet metal screws, clamping screws (generally all screws for the electrical industry) cap nuts for cutting ring joints.

Method of application

Depending on tribologic requirements, gleitmo 605 can be diluted with water (at least of drinking water quality). As a rule, gleitmo 605 is used at a dilution ratio of 1 : 3 (for centrifuge coating procedures, stringent requirements) and up to 1 : 7 (for dipping). For dilution, water is added to gleitmo 605 while constantly stirring. The same should be followed for replenishing the immersion bath.

To avoid any risk of corrosion it is most urgently recommended to dry the parts immediately after the dipping process by hot air (up to approx. 60 °C).

The parts to be coated should be degreased. Packaging of coated parts only in absolutely dry condition.

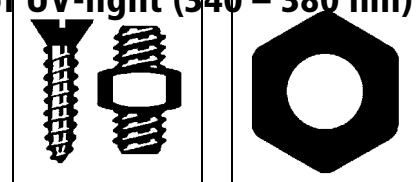
The equipment commonly used in the galvanizing industry has proved to be very convenient in case of large coating quantities.

Note

Protect against freezing!
In closed original containers, at room-temperature, storable up to 12 month.

Dry solid film lubricant for coating screws

- **temperature range:**
-40 / +110 °C
- **meets the requirements of the automotive industry (VDA) for screw lubrication**
- **is especially suitable for bulk small parts**
- **saves on assembly time and is particularly well-suited for automatic screw-driving systems**
- **is clean and non-greasing**
- **has a very good surface adhesion on all materials**
- **will not affect the efficiency of screw locking systems**
- **is environmentally and consumerfriendly**
- **is approved for lubrication in contact with drinking water (German Drinking Water Legislation)**
- **is containing an UV-illumination additive for coating control by means of UV-light (340 – 380 nm)**



screws

nuts

Technical data

gleitmo 605

Characteristics	Value	Unit	Test
Colour of the dry film	colourless shiny		
Temperature range (dry film)	-40 / +110	° C	
Viscosity [Nozzle 3, 20 °C]	40	s	DIN 53211
Density	appr.1,0	g/cm ³	DIN 51757
Flashpoint	without		DIN EN 57
Yield	0,1-0,4 kg /100 kg		
pH-value	appr. 8,5-9,5		
Thinner	water		
Screw test [M12/8.8/20°C] friction coefficient Dacromet 320	appr. 0,11		DIN 946

DANGER CLASSIFICATION: None

LLS = LUBRITECH LABORATORY SPECIFICATION Product must be protected against frost! Storable for 12 month

Package size: 1 kg, 20 kg, 150 kg
others on request

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!

All information given are to the best of our knowledge and in accordance with the current state of information and development work, but are subject to amendment without notice.