

## 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.

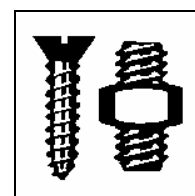
### Note

Protect against freezing!

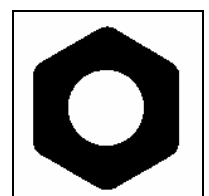
In closed original containers, at room-temperature, storable up to 24 month.

### 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 consumer harmless**
- **is containing an UV-illumination additive for coating control by means of UV-light (340 – 380 nm)**



screws

nuts  
PI-No.: 5- 0710

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## Technical Data

## gleitmo 605

| <b>Characteristics</b>   | <b>Value</b>       | <b>Unit</b> | <b>Test</b>      |
|--|--------------------|-------------|------------------|
| Colour of the dry film   | colourless shiny   |             |                  |
| Temperature range (dry film)                                   | -40 / +110         | ° C         | LLS 134          |
| Viscosity [Nozzle 4, 20 °C]                                    | appr. 30           | s           | DIN ISO 2431     |
| 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<br>Dacromet 320 | appr. 0,11         |             | DIN EN ISO 16047 |

LLS = LUBRITECH LABORATORY SPECIFICATION

**Package size:** 1 kg, 25 kg, 150 kg  
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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