

Product Information

gleitmo® 603

Description

gleitmo 603 is a colloidal suspension of gleitmo White Solid Film Lubricants in water.

The dry lubrication film remaining upon application shows a very good adhesion on the different surface types, forming a clear, absolutely track-free film having no influence on the other properties of the coated material.

gleitmo 603 has been developed for receiving defined friction-properties by a low spread area and not for receiving an extremely low coefficient of friction.

Field of application

gleitmo 603 has been developed for mass-part-lubrication such as screws and nuts.

Method of application

Depending on tribologic requirements, gleitmo 603 can be diluted in water (drinking water quality).

For dilution, water is added to gleitmo 603 while constantly stirring. The same procedure should be followed for replenishing the immersion bath.

To avoid any risk of corrosion it is most urgently recommended that the parts be dried immediately after the immersion 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 galvanising industry has proved to be very convenient in case of large coating quantities.

Note

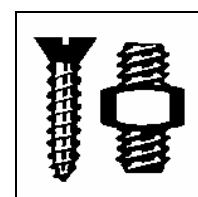
Protect against freezing!

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

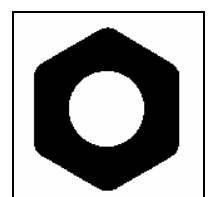
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Dry solid film lubricant

- provides a dry, tack-free and abrasion-resistant clear lubricating film
- is especially suitable for bulk small parts
- permits simple application by immersion
- ensures constant friction coefficients at minimum variation and therefore renders computable and reproducible assembly results
- saves on assembly time
- has a very good surface adhesion on all materials
- may be diluted with water depending on requirements
- good sealing properties against hexavalent Chromium
- is containing an UV-illumination additive for coating control by means of UV-light (340 – 380 nm)



screws



nuts

PI-No.: 5 - 0334

Technical Data

gleitmo 603

Characteristics	Value	Unit	Test
Colour of the dry film	colourless		
Temperature range (dry film)	-40 / +80	° C	LLS 134
Viscosity [Nozzle 4, 20°C]	app. 30	s	DIN 53211
pH-value	8,5 - 9,5		
Thinner	tap water		
Screw test [M12/8.8/20°C] friction coefficient Dacromet 320	app. 0,12		DIN EN ISO 16047

LLS = LUBRITECH LABORATORY SPECIFICATION

Package size: 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!
E-Mail: info@fuchs-lubritech.de