



DF 9025

ORGANIC SEALER WITH HIGH COEFFICIENT OF FRICTION ($\mu_{ges} = 0,25 - 0,30$)

microGLEIT DF 9025 is a water based, pure organic Sealer. It was developed for high friction requirements.

Product Features

microGLEIT DF 9025 provides increased corrosion protection and improved optical appearance. The iridescence of passivated surfaces can be effectively reduced, leading to a homogeneous color tone and appearance.

- Increases the coefficient of friction against steel (0.25-0.30)
- Increases corrosion resistance
- Reduces iridescence and improves color tone appearance
- Contains no organic solvents
- Suitable for rack and barrel applications
- Low make up concentration

Produkt Application (Examples)

- microGLEIT DF 9025 is suitable for Chrome(III) passivated, Zinc- and Zinc-alloy electroplated surfaces.
- The product can be used for rack and barrel applications.
- DF 9025 is applicable for fasteners as well as various sheet metal and steel parts.

Instructions for Use

- microGLEIT DF 9025 is delivered as a concentrate. The concentration can be adjusted by simple dilution with DI water under bath movement.
 - Fill in DF 9025 first, then add DI-water as desired with constant bath movement.
 - After filtering the bath content, it is ready for use.
- **Important:** Prevent product from frost!
- During operation the bath temperature must be kept between 18 °C (64 °F) and 30 °C (86 °F) – if needed automatically controlled heating has to be applied, e.g using heating elements made from PTFE, PVDF or plastic coated steel. The temperature of the parts to be coated should be above 18 °C / 64 °F.
- In order to avoid condensation water on the parts, we recommend to pack the parts only after cooling down to ambient temperature.
- The pH-Value must not drop below 7 (please avoid contamination of the coating bath by acids from previous process steps).
- It is important to control the bath concentration regularly — please ask us for instructions.

Product Characteristics microGLEIT DF 9025

FEATURE	STANDARD / PARAMETER	UNIT	DF 9025	
Appearance	visually	—	opalescent milky fluid	As Delivered
Density	DIN 51757	g/cm ³	~ 1,03 – 1,06	
Dry Residue		%	25 ±1,5	
Thinner	—	—	demineralised water	
pH-Value	—	—	7 – 8	
Available Container Size	—	—	25 kg canister 200 kg plastic drum 1000 kg IBC	
Usable Life	closed original container	months	12	
Handling Precautions	—	—	See SDS	
Appearance	visually	—	transparent	Applied
CoF μ - DIN 16047	M8 - 8.8 -steel	—	0,2–0,28	
Layer Weight		g/m ²	~ 1,2	
Corrosion Protection on P240- FD 124 (M8 8.8)	salt spray test	—	3% white rust after 240 h	

Operation Parameter microGLEIT DF 9025

Feature	Application	Area	Optimum
Bath Concentration*	Rack or Barrel	1 : 2.33 – 1 : 1	1 : 1.5
Dry Residue	Rack or Barrel	7.3 – 13.5 %	10.7 %
Bath Temperature	—	18 – 30 °C / 64 – 86 °F	22 °C / 72 °F
Immersion Time	—	20 – 50 s	30 s
Drying Time	—	10 – 15 min	10 min
Drying Temperature	—	60 – 90 °C / 140 – 194 °F	80 °C / 176 °F

* Parts DF 9025 : Parts Water

The information given and the recommendations made herein reflects our current knowledge and can only provide a first overview in this brochure. The given values are not eligible for creating specifications. We reserve the right to make changes based on technical developments or changes in legislation. Due to the wide range of possible applications and operating conditions, the product information can only be indicative of possible applications. Therefore, no binding liability and warranty claims can be derived. In any case we strongly recommend to carry out tests before use and thus determine if the product is meeting all requirements and expectations.