DF 9025
ORGANIC SEALER WITH HIGH COEFFICIENT OF FRICTION ($\mu_{\text{ges}} = 0.25 - 0.30$)

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.
# Operation Parameter microGLEIT DF 9025

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

* 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.