BRANOGEL DESICCANT

PROTECTS AGAINST CORROSION BY REMOVING MOST OF THE MOISTURE FROM THE AIR.

BRANOGEL desiccant bags contain highly absorbent aluminium phyllosilicate clay (Bentonite). The desiccant extracts the majority of the moisture from the air. The relative humidity inside the packaging remains below 40 % – corrosion cannot arise. BRANOGEL is a proven solution for export packaging and also suitable for protecting plant and machine tools.

Effective protection is only achieved if the products are packed using a vapour-proof film. Aluminium composite films with a water vapour permeability of less than 0.05 g/m²/day at 40 °C/90 % RH are suitable for this purpose. Each packaging unit must be heat-sealed to achieve a fully vapour-proof seal; simply wrapping the product or using adhesive tape is not sufficient.

DESCRIPTION

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HANDLING

PACKAGING: The air space in a package is isolated from the outside environment conditions by a pouch made from barrier film. The packaged product and desiccant are placed inside.

REQUIREMENT: The pouch must be made from vapour-proof material and hermetically sealed. The air inside the pouch is dried by the desiccant to a degree that prevents corrosion from arising during the required period.

QUANTITY: The required quantity of desiccant depends on the packaging volume, the type of outer packaging and the required protection. This can be calculated in accordance with DIN 55474.

POSITION: Ideally, the desiccant bags should be distributed evenly in the packaging and preferably at the top (hot humid air rises).

APPLICATIONS

Desiccant bags used in combination with VACUPAC aluminium composite film for export packaging

Desiccant bags used in combination with VACUPAC aluminium composite film to protect small individual metal parts
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRANOGEL desiccant 1/3 DIN</td>
<td>100 x 70 mm</td>
<td>800 pieces</td>
</tr>
<tr>
<td>BRANOGEL desiccant 1DIN</td>
<td>140 x 70 mm</td>
<td>400 pieces</td>
</tr>
<tr>
<td>BRANOGEL desiccant 2 DIN</td>
<td>150 x 70 mm</td>
<td>240 pieces</td>
</tr>
<tr>
<td>BRANOGEL desiccant 4 DIN</td>
<td>140 x 150 mm</td>
<td>120 pieces</td>
</tr>
<tr>
<td>BRANOGEL desiccant 8 DIN</td>
<td>200 x 150 mm</td>
<td>60 pieces</td>
</tr>
<tr>
<td>BRANOGEL desiccant 16 DIN</td>
<td>245 x 150 mm</td>
<td>30 pieces</td>
</tr>
<tr>
<td>BRANOGEL desiccant 32 DIN</td>
<td>280 x 200 mm</td>
<td>18 pieces</td>
</tr>
</tbody>
</table>

### ADDED VALUE

- **COST EFFECTIVE** - BRANOGEL is an effective, low-cost corrosion protection solution when used in combination with aluminium composite film.

- **GUARANTEED PROTECTION** - The desiccant bags are made from a dust-impermeable material and can also when the requirements regarding technical cleanliness are particularly demanding.

- **UNIVERSALLY COMPATIBLE** - BRANOGEL desiccant is compatible with all types of metal.

- **ENVIRONMENTALLY FRIENDLY** - BRANOGEL is made from natural materials based on highly absorbent aluminium phyllosilicate clay. The moisture indicator does not contain cobalt dichloride.

Would you like to find out more about the protective action of BRANOGEL? Please get in touch for further information and advice!

Kerstin Lau, Manager, Corrosion Protection Process and Application Engineering

### GENERAL

Information
This information was accurate at the time of going to press, is non-binding and should be adjusted where appropriate in the light of local conditions. No rights may derived from the information contained herein.

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