

# BRANOGELE DESICCANT

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



## DESCRIPTION

BRANOGELE 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. BRANOGELE 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/m<sup>2</sup>/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.

## 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



a

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



b

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

## TECHNICAL DATA

Description	Dimensions	Contents
BRANOGE <sup>L</sup> desiccant 1/3 DIN	100 x 70 mm	800 pieces
BRANOGE <sup>L</sup> desiccant 1DIN	140 x 70 mm	400 pieces
BRANOGE <sup>L</sup> desiccant 2 DIN	150 x 70 mm	240 pieces
BRANOGE <sup>L</sup> desiccant 4 DIN	140 x 150 mm	120 pieces
BRANOGE <sup>L</sup> desiccant 8 DIN	200 x 150 mm	60 pieces
BRANOGE <sup>L</sup> desiccant 16 DIN	245 x 150 mm	30 pieces
BRANOGE <sup>L</sup> desiccant 32 DIN	280 x 200 mm	18 pieces

## ADDED VALUE



**COST EFFECTIVE** - BRANOGE<sup>L</sup> 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** - BRANOGE<sup>L</sup> desiccant is compatible with all types of metal.



**ENVIRONMENTALLY FRIENDLY** - BRANOGE<sup>L</sup> 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 BRANOGE<sup>L</sup>?  
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 be derived from the information contained herein.

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