

Product Data Sheet Silica Gel Paper

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SGP Desiccant bags – with Silica Gel Wrapping: Non-Woven Paper-bound

Product name

SGP desiccant bag 0.5 g, 1 g, 2 g, 5 g, 10 g, 30 g, 60 g, 100 g.

Product description

The SGP desiccant bags consist of a low-dust or dust-free water vapour permeable material. SGP desiccant bags can be supplied in different sizes ranging from 0.5 g to 100 g. Depending on temperature and relative humidity the desiccant bags can adsorb up to 1/3 of their own weight of water vapour.

Properties granules

Silicon dioxide: > 97%	
PH-Value: > 4	
Grain size:	0,5 g, 1 g: 1 - 3 mm
	≥ 2 g: 2 - 4 mm
Adsorption capacity for water vapour at 25 °C	r.H. = 20%: > 8%
	r.H. = 50%: > 20%
	r.H. = 90%: > 30%

Properties wrapping

The paper-bound combines the benefits of non-woven paper. That means it is more tear proof than paper and has a higher dust-reduction than nonwoven fabric, which makes it ideal for those who must choose between the two materials. The PE Coating on the inside of the bag leads to a solid weld seam.

Application

SGP desiccant bags protect your goods during transport and storage against corrosion, mildew and other damages caused by humidity.

Packaging

Inner packaging: PE-Bag
Outer packaging: Corrugated cardboard

Handling

When handling the material, the pertinent national health and safety regulations apply. To protect the activity of the desiccant bags they are sealed in a polyethylene bag. An added indicator card shows the relative humidity in the package. Due to the highly hygroscopic effect of the desiccant please open directly before use. In case of a partial removal, please close the protective packaging immediately and tightly.

Note

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