

## Product Data Sheet Silica Gel Tyvek

Revision 06 from 12/2017

### SGT Desiccant bags – with Silica Gel Wrapping: Tyvek®

**Product name**

SGT desiccant bag 0.5 g, 1 g, 2 g, 5 g, 10 g, 30 g, 60 g

**Product description**

The SGT desiccant bags consist of a low-dust or dust-free water vapour permeable material. SGT desiccant bags can be supplied in different size ranging from 0.5 g to 60 g. In accordance to 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, 1g: 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**

Tyvek® is made from a special endless fibre. This patented product from DuPont is extremely tear proof and nearly dust-tight. With its unique fibre structure the tear resistance will not get lost even in case of scratches in the fibre. Tyvek® keeps its characteristics in dry as well as in wet condition. It is resistant to most acids, bases and salts. From 0 to 100% r. H. Tyvek® size remains stable. Under these conditions the measurements change less than 0.01%.

**Application**

SGT 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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