

## Product Data Sheet Silica Gel Aihua

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### SGO desiccant bags with Orange Silica Gel - With indicator Wrapping: Special nonwoven fabric

**Product name**

SGO desiccant bag 1 g, 5 g, 10 g

**Product description**

SGO Orange desiccant bags consist of a low-dust water vapour permeable material. The active bulk material consists to 90% of Silica Gel white and to 10% of Silica Gel Orange. It adsorbs the water vapour. SGO Orange desiccant bags can be supplied in different sizes, namely 1 g, 5 g and 10 g. Depending on temperature and relative humidity the desiccant bags can adsorb up to 1/3 of their own weight of water vapour.

Starting from a water content of 6% up to 15% SGO Orange changes colour from Orange to green. A complete saturation is shown by a green-blue colour.

**Properties granules**

Silicon dioxide: > 97%	
PH-Value: > 4	
Grain size:	1 g: 1 - 3 mm
	5 g, 10 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 special nonwoven fabric is transparent. Therefore, it allows the user to conduct an optical control of the degree of saturation at any time. Due to the continuous filament of polyester the special nonwoven fabric has a high tearing strength.

**Application**

SGO Orange 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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