

Product Data Sheet Silica Gel Tyvek

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SGT Desiccants –with Silica Gel Wrapping: Tyvek®

Product name	Silica Gel Tyvek Desiccants 0,5 g, 1 g, 2 g, 5 g, 10 g, 30 g, 60 g or on reel (separate PDS)
Product description	The SGT desiccant bags consist of a dust-free water vapor permeable material. SGT desiccant bags can be supplied in different sizes ranging from 0,5g 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 vapor.
Properties granules	Silicon dioxide: > 97%
	PH-Value: > 4
	Grain size:
	0,5g & 1g: 0,5 – 1.3 mm
	> 2 g: 2.0 – 4.0 mm
	Adsorption capacity for water vapour at 25 °C
	r.H. = 20%: > 8%
	r.H. = 50%: > 20%
	r.H. = 90%: > 30%
Properties wrapping	Tyvek® 1025B
Properties	▯ Highly hygroscopic * ▯ Chemically inert and non-toxic (not for consumption) ▯ Odorless and non-corrosive * Adsorption Rate: Rapid initial moisture adsorption; highest uptake occurs in first hours, decreasing progressively as equilibrium is reached. Typical equilibrium is reached within 24–48 hours under standard ambient conditions.
Compliance	SGT desiccant bags comply with EU regulations EC 1935/2004, EC 450/2009, EC 10/2011 and EC 2023/2006 – Good Manufacturing Practice (GMP).
Packaging	Inner packaging: PE-Bag + indicator card 8% Outer packaging: Corrugated cardboard
Storage conditions	▯ Store in original, tightly closed packaging ▯ Keep in a cool, dry place ▯ Protect from direct sunlight and high humidity
Shelf life	Unopened, under correct storage: 3 years after production date.
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