

# Product Data Sheet Desi Dry Orange

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Desi Dry Orange – from Silica Gel  
with indicator  
Wrapping: Special nonwoven fabric

## Product name

Desi Dry Orange desiccant bag 1 g, 5 g, 10 g

## Product description

Desi Dry Orange desiccant bags consist of a low-dust water vapour permeable material. The active bulk material consist to 90 % of Silica Gel white and to 10 % of Silica Gel Orange. It adsorbs the water vapour. Desi Dry 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 % Desi Dry Orange changes colour from Orange to green. A complete saturation is shown by a greenblue colour.

## Properties granules

Grain size	1 g	1 - 3 mm
	5 g / 10 g	2 - 5 mm
Qualified ratio of granularity		≥ 90 %
Qualified ratio of the spherical granules		≥ 82 %
Bulk density:		720 – 780 g/l
Loss on drying		≤ 4%
Adsorption capacity	r. F. 20 %	≥ 10,5 %
	r. F. 50 %	≥ 23 %
	r. F. 80 %	≥ 34 %

## 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

Desi Dry 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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