

## MOISTURE ABSORBING DESICCANT BAGS (TYVEK® AND ACTIVATED CLAY, 100PCS)



SKU: 640378J



**Desiccant bags made of Tyvek® and activated clay**, ideal for protecting moisture sensitive devices into barrier bags. The correct quantity of desiccant to be used can be calculated by applying the **DIN 55473** standard. Package content: **100 pieces**.

### Product features

**Tyvek®** is a non-woven fabric composed of Polythene fibers, permeable to moisture and **totally resistant to micro-dust**. These features make it particularly suitable for use in the pharmaceutical, electronic and optical fields.

**Activated clay** is a natural desiccant used to protect industrial packaging. In order to be used as a desiccant, it has to meet DIN 55473 standards.

Due to its adsorption properties and to its cost-effectiveness, clay is a good alternative to silica gel.

Absorption capacity of clay is defined as **desiccant unit**, which stands for the amount of clay needed to absorb a certain amount of water vapor (6 gr for 1 DIN desiccant units and 100 gr for 1 NFH desiccant unit) at 20°C and 40% RH.

This is the reason why the weight of desiccants containing clay is not steady, but it can change according to the clay absorption power (it has to be 18 +/- 1% of its volume according to DIN standards).

### Specifications



- **Suitable for Cleanrooms: Yes**
- Bag material: **Tyvek®**
- Bag content: **Activated clay**, approx. 12 g each (ATTENTION: non-standardizable weight)
- Size: approx. 9 x 11 cm
- Max. operating temperature: 50 °C
- Humidity range suggested: HR from 15% to 50%
- Regeneration temperature: 120 °C.