

Desiccant bags ES K

- for containers use -

Data: 01/2022

SYMBOL: ES K

REWIZJA: 03

Product



Product description

Desiccant bags ES K are designed to protect goods during containerized shipping. Goods shipped by sea are extremely vulnerable to damage by moisture. A common phenomenon in shipped containers is "container rain", which leads to damage of transported goods. The use of ES K desiccant bags effectively prevents the occurrence of this phenomenon, and more than keeps the moisture at the desired level. Filled with a unique blend of calcined and impregnated natural clay, they guarantee a high adsorption capacity and a long operating time. The materials used in the sachets have good mechanical strength, protecting against accidental tearing and spilling of the sorbent. Sachets are equipped with hooks for easy fixing inside the container.

Product features / advantages

- high adsorption capacity,
- has a hook for easy attachment,
- in the container,
- keeps moisture at a constant level,
- absorbs small amounts of odors,
- does not swell after saturating with water,
- is characterized by long duration of action,
- high mechanical strength of the sachet.

Physical and chemical parameters

Raw material	Active mineral clay
Material form	Calcined granulate
Chemical composition	Natural clay and calcium chloride
Water adsorption capacity (T = 25°C, t = 40 days)	RH = 20% ; <= 19,0% RH = 40% ; <= 30,0% RH = 90% ; <= 80,0%
HS code	25084000

Product application

Container desiccant bags ES K is a product dedicated to securing goods in shipping using 20- and 40-foot containers. Equipping the sachets with fixing hooks allows for easy deployment in the container. Thanks to the use of efficient desiccant granules, the product prevents condensation of water vapor and protects against the effect of container rain, ensuring the safety of transported goods.

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Product storage

ES K desiccants should be stored in an airtight container in a dry place before use to avoid initial adsorption of ambient moisture. The sachets are delivered in bulk tight foils preventing the penetration of water vapor into the container. After opening the protective foil and not using all the absorbers at once, the remaining sachets should be closed in an airtight container for the duration of their storage.

Product packing

Sachet packaging

Non-woven fabric with a mounting hook.

Collective packaging

Desiccant sachets are packaged in collective films (300-micron) to prevent initial adsorption.

Outer packaging

Films with desiccant sachets are packed in cardboard boxes.

Norms/Standards/Approvals

Compliance with directives

ES K desiccant bags are products compliant with the provisions of the European Union Directives:

- 2009 / 251 / EC - DMF free,
- 2002 / 95 / EC - do not exceed RoHS limits,
- Regulation No. 1907/2006 (REACH).
- DIN 55.473 Class B: dust-free.

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