

Product:

SeaDry container desiccant

Application:

SeaDry products are used for cargo transport and storage, preferably for packaging with high water vapour permeability or lack of barrier layer casing. The high-performance desiccant lowers the relative humidity in the ambient air to a non-critical level and thereby reduces the risk of condensation. This prevents mould, corrosion, detached labels and changes in smell or taste, caused by excessive humidity, from damaging goods or packaging materials.

The use of SeaDry for long-term storage with indirect food contact is deemed safe in compliance with regulation (EC) No. 1935/2004.

Variations:

Item No.	Variation	H ₂ O absorption 250 %*	H ₂ O absorption 300 %*	Product dimensions in mm (approx.)	PU/ subpack- aged in pieces	Pu dimensions in mm (approx.)	PU/ Pallet	Pallet dimensions in mm (approx.)
626.000	Single 125 g	> 0,31 l	> 0,38 l	200 x 165 x 25	100/100	390 x 295 x 290	40	1,200 x 800 x 1,600
626.001	Single ADH 125 g							
626.006	Strip ADH 750 g	> 1,88 l	> 2,25 l	1.150 x 165 x 25	18/18			
626.400	Blanket 1,500 g	> 3,75 l	> 4,50 l	750 x 495 x 25	8/8			
625.006	Hook 600 g	> 1,50 l	> 1,80 l	910 x 165 x 25	20/20			
625.012	Hook 1,200 g	> 3,00 l	> 3,60 l	1.720 x 165 x 25	10/10			
625.010	Hook 1,000 g	> 2,50 l	> 3,00 l	1.420 x 165 x 25	15/15			
626.310	Pole V 1,000 g	> 2,50 l	> 3,00 l	860 x 180 x 45	11/1	895 x 300 x 337	20	1,200 x 1,000 x 1,835
626.300	Pole V 1,200 g	> 3,00 l	> 3,60 l	860 x 180 x 45	11/1	895 x 300 x 337	20	1,200 x 1,000 x 1,835
626.200	Pole H 1,200 g	> 3,00 l	> 3,60 l	770 x 170 x 40	10/1	795 x 370 x 235	21	1,200 x 800 x 1,785

PU = Packaging Units / data for special versions may vary

* Actual conditions: 23 °C / 80% relative humidity

** Extreme conditions, such as those that can occur within a container over time

Product description:

Filling material

The drying agent consists of calcium chloride (salt) and modified starch. The salt attracts moisture from the ambient air which is immediately bound by the contained starch. This produces a gel-like substance that is at no time liquid.



Wrapping material

All SeaDry variants are made of a special membrane, permeable to water vapour on the top/front side. The special qualities of this membrane allow water vapour to pass through the outer material but prevent the absorbed moisture from escaping again from inside the bag. This non-woven fabric is also tear-resistant and dustproof. It maintains its characteristics in both wet and dry conditions and is insensitive to most acids, bases and salts.

The underside/backside of the bags consists of a PA/PE multilayer film that acts as a barrier to prevent the passage of moisture.

In the SeaDry Pole V and Pole H versions, the desiccant chain is also enclosed in a protective box made of sturdy cardboard.

Packaging

Inner packaging: PE bag

Outer packaging: Corrugated cardboard

Variations

Variation	Properties
Single	- Desiccant bags with small size, flexible application, e.g., for tightly packed or smaller shipping units. - In the ADH version with adhesive strip on the back side
Strip ADH	Desiccant chain with adhesive strip on the back, for attaching directly to goods or container walls
Blanket	Desiccant blanket is placed directly on the cargo, for cargo packed right up to the walls
Hook	Desiccant chain with sturdy hook for hanging, for cargo not packed up to the walls
Pole V	Desiccant chain in protective box with sturdy hook for hanging, for vertical hanging in the container corrugations.
Pole H	Desiccant chain in protective box with sturdy hook for hanging, for horizontal hanging above the load

Handling:

When handling the product, the current national occupational health and safety regulations must be applied. Due to the strongly hygroscopic effect of the used granulate, the desiccant bags are delivered in airtight packaging. To ensure that the absorption of moisture only begins at the place of use, the protective packaging must only be opened immediately before use. In the event of partial removal, it must be immediately re-sealed airtight.

Note:

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