

Topdry Hanging

TECHNICAL PRODUCT SHEET



Installation Instructions

Topdry Hanging is a high performance desiccant for shipping container fitted with an anti-dropping hook, it can either be easy and securely to be hung on the container lashing rings vertically (fitting into the container wall) or simply stood on the top of cargo (closing to the container roof).

The absorbing agent of Topdry Hanging is a mixture of Calcium Chloride (CaCl₂) and edible starch. Topdry Hanging will absorb the moisture from the surrounding air once it's removed from its transparent sealed PE-bag.

The Calcium Chloride absorbs moisture from the surrounding air passing in through waterproof breathable membrane. The liquid CaCl₂ turns into a gel by the starch that will not leak. It can attract over 3 times its own weight in water when it's fully maximized.

Topdry Hanging is a suitable product for moisture prevention if your products are not tightly loaded against to the container wall and where was a space beyond 30 mm between the cargo and the container wall.

Topdry Hanging delivers both exceptional moisture absorption and long-lasting performance for any type of cargo, even under the longest global shipping routes.

Main features

DESICCANT TYPE	CONTAINER DESICCANT
TYPES AVAILABLE	0.5 kg, 0.75 kg and 1.0 kg
ABSORBING AGENT	ANHYDROUS CALCIUM CHLORIDE MIXED WITH EDIBLE STARCH
MOISTURE ABSORPTION	> 300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	PE-PP
INSTALLATION MODE	VERTICAL
ACCESSORIES NEEDED	NO

* THIS TEST RESULT WAS BASED ON THE CONDITION OF RH90%, 30 °C IN A CLIMATE CHAMBER AT TOPDRY'S LAB. GENERALLY, FOR THE SAME MATERIALS, ABSORPTION CAPACITY WAS DEPENDED ON THE TEMPERATURE, RELATIVE HUMIDITY AND TIME.

Installation example



Shelf Life and Conditions

The shelf life of this product is three years from the production date printed on the packaging label.

Recommended storage temperature: 5 °C to 25 °C

Access to the Safety Data Sheet



Read or click the code to access the SDS with technical and regulatory information.



Product specifications

NAME DESCRIPTION	TOPDRY HANGING
MODEL	H1000
ABSORBING AGENT	ANHYDROUS CALCIUM CHLORIDE MIXED WITH EDIBLE STARCH
DESICCANT AGENT WEIGHT	1.0 kg
COUNTRY OF ORIGIN	CHINA
PACKAGING MATERIAL	INNER:PE-PP, OUTER: NON-WOVEN
PACKAGING CONFIGURATION	ONE PIECE SEALED IN ONE PE BAG
INSTALLATION ACCESSORIES	INTEGRATED HOOK
PACKAGING INFORMATION	
CARTON	
INNER BAG PCS	1
PCS/CTN	14
CARTON GROSS WEIGTH (kg)	16
DIM L × W × H (mm)	440 × 290 × 250
PALLET	
PCS/PALLET	896
PALLETS GROSS WEIGHT (kg)	1043
DIM L × W × H (mm)	1040 × 1040 × 2120

Dimensions



Materials



Edible Starch

Calcium Chloride

Inner: Waterproof breathable membrane

Outer: Non-woven

Rotatable & anti-drop plastic

Warning

Topdry Hanging can't work well or broken when it was faced with puncturing, squeezing or impacting by the cargo. Topdry Hanging also would be damaged with an dropped if it's not hung correctly on the lashing rings.

Disposal

Topdry Hanging is intended for single use. To minimize the environmental impact, we recommend the following procedure for disposal of the used desiccant. Product dispose to approved waste disposal facility in accordance with local regulations. Calcium chloride is classified as Hazardous Substance according to statement H319 in GHS standard (Causes serious eye Irritation) and might therefore be classified as Hazardous waste and should be handled accordingly.



The white rotatable & anti-drop hook (PE -plastic) can be separated manually from the product and should be sorted for recycling.

Identification and Classification Report for Transport

Topdry Hanging is not subject to IMDG Code (2024 Edition) and IATA Dangerous Goods Regulations (DGR) (65th Edition).

Contact and Operational Temperature

Stock availability may vary between Topdry regions.

Contact Topdry or Topdry Partner for the details.

Suggested operational temperature: -20 °C ~ 70 °C.

※ The product outlines, configurations specifications, etc., may face certain changes due to constant product renewing, upgrading or modification by Topdry without prior notice. This instruction of the product is just for reference and do not constitute any offer or commitment.

Please purchase the product based on the actual product displayed or sold at dealer's place and use the product abiding by your local relative laws and regulations. All the data on performance shown on this instruction are in-house testing results, and we reserve the right to alter them due to program errors, etc.

Suggested Usage

Check if there is damage with the containers and seal all the ventilating holes before loading. The units needed will vary depending on cargo type, the length of voyage, kinds of packing, Packaging materials. Contact us for further information.

CONTAINER SIZE		20 ft	40 ft
SHORT DISTANCE ~ 30 DAYS			
USAGE	DRY GOODS	4~6	8~10
	WET GOODS	6~8	10~12
LONG DISTANCE ~ 60 DAYS			
USAGE	DRY GOODS	8	10~12
	WET GOODS	10	14~16



LEARN MORE AT [TOPDRYER.COM](https://www.topdryer.com)

Every year more than 700 million containers (TEU) are shipped by sea and it is estimated that the cargoes in 12% of these are in danger of being damaged by humidity. As a result, manufacturers, shipping lines and customers lose billions of dollars every year. Topdry helps you conquer humidity problems during transport. Since 2005, we have been offering a wide range of industrial developed and produced desiccants made from calcium chloride. Our promise is to control the moisture, prevent condensation, protect your products, make cost savings and lower the environmental footprint of your logistics processes.