

# Topdry Pouch

TECHNICAL PRODUCT SHEET



Topdry Pouch - 50 g

## Installation and usage

Topdry Pouch starts working as soon as it is removed from its transparent sealed packaging.

Topdry Pouch is effective in controlling moisture inside of crates, cartons and other types of packaging to prevent mould, bad or changed smell, rust and other moisture related damages.

The calcium chloride absorbs moisture from the surrounding air passing in through a water-repellent but breathable film. The liquid Calcium Chloride turns into gel by the modified starch.

All of Topdry Pouches are made with two layers of packaging, Topdry Pouch 10 g & 50 g mainly used for crates and larger boxes, while Topdry Pouch 10 g is preferred for smaller cartons and when the pouch will be in tight and direct contact with the cargo.

### Installation video guidelines

Every box is accompanied with assembly instruction via QR code. Read the code or click it to access the installation video.

## Main features

DESICCANT TYPE	IN-BOX DESICCANT
TYPES AVAILABLE	10 g ~ 250 g
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 74% OR 94% MIXED WITH STARCH
MOISTURE ABSORPTION	200% ~ 300% *
PERMEABLE MATERIAL	PE-PP
INSTALLATION MODE	IN-BOX

\* ABSORPTION CAPACITY IN FIELD CONDITIONS DEPENDS ON TEMPERATURE AND RELATIVE HUMIDITY. ABSORPTION CAPACITY IN CLIMATE CHAMBER WITH CONSTANT HIGH TEMPERATURE AND RELATIVE HUMIDITY AND LONG DURATION CAN EXCEED 350%.



Topdry Pouch - 10 g



Topdry Pouch - 250 g

# Product specifications

NAME DESCRIPTION	TOPDRY POUCH – 10g	TOPDRY POUCH – 50g	TOPDRY POUCH – 250g
MODEL	P10	P50	P250
DESICCANT AGENT	CaCl <sub>2</sub> 74% + STARCH	CaCl <sub>2</sub> 74% + STARCH	CaCl <sub>2</sub> 94% + STARCH
DESICCANT AGENT WEIGHT	10 g	50 g	250 g
COUNTRY OF ORIGIN	CHINA		
PACKAGING MATERIAL	INNER: PE-PP, OUTER: NON-WOVEN		
PACKAGING CONFIGURATION	INNER BAGS / BOX		
<b>PACKAGING INFORMATION</b>			
<b>CARTON</b>			
Pouch Size (mm)	100 x 100 x 5	120 x 140 x 10	160 x 200 x 20
INNER PCS	40	14	2
PCS/CTN	500	280	64
CARTON GROSS WEIGTH (kg)	8	15.8	16.8
DIM L × W × H (mm)	440 × 290 × 250		
<b>PALLET</b>			
PCS/PALLET	32000	17920	4096
PALLETS GROSS WEIGHT (kg)	531	1030	1094
DIM L × W × H (mm)	1040 × 1040 × 2120		

## Dimensions



## Materials



- Modified Starch
- Calcium Chloride
- Inner permeable: PE-PP
- Outer: Non-woven

## Suggested Usage

The quantity needed will vary depending on various factors such as shipment time, climate conditions, air volume in the container, type of packaging used, cargo type. Contact us for further information.

Package Volume		Minimum Weight of Needed (g)	Suggested Usage	Application Examples
Cubic Inches	Cubic Meters			
Up to 5000	Up to 0.082	10	10g (1 piece)	Polybag / Duffel Shoe box
Up to 15000	Up to 0.246	50	50g (1 piece)	Sofa / Mattress Cardboard box
Up to 65000	Up to 1.066	250	250g (1 piece)	crates / Pallet

## Disposal

Topdry's products are 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.

## 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

## Availability and Operational Temperature

Stock availability may vary between Topdry regions. Contact Topdry or Topdry Partner for guidance. Operational temperature: -20 °C to 70 °C.

## Access to the Safety Data Sheet



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



### LEARN MORE AT [TOPDRYER.COM](http://TOPDRYER.COM)

Since 2005, we have been offering a wide range of container desiccants and in-box desiccants made from calcium chloride. Topdry helps you prevent moisture damage during transport. Our promise is to protect your brand, increase your savings and lower the environmental footprint of your logistics processes. We are a pioneer in moisture damage prevention with headquarters in China. We are committed to base our operations on sustainable principles and help businesses like yours implement sustainable solutions to prevent moisture damage.