

# AbsorGel® Pouch S/D/X



## TECHNICAL PRODUCT SHEET



ABSORGE<sup>®</sup> POUCH-X

### Installation and usage

AbsorGel® Pouch starts working as soon as it is removed from its transparent sealed packaging or removed from a box master PE-bag.

AbsorGel® Pouch are effective in controlling moisture inside of crates, cartons and other types of packaging to prevent mold, bad odor, rust and other moisture related damages.

AbsorGel® Pouch S/X, with one layer of packaging is mainly used for crates and larger boxes, while AbsorGel® Pouch D with two layers is preferred for smaller cartons and when the pouch will be in tight and direct contact with the cargo.

### Main features

DESICCANT TYPE	IN-BOX DESICCANT
TYPES AVAILABLE	2 g - 125 g
ABSORBING AGENT	77% OR 94%
MOISTURE ABSORPTION	200 - 300%
PERMEABLE MATERIAL	TYVEK® AND/OR NON-WOVEN
INSTALLATION MODE	IN-BOX
INSTALLATION ACCESORIES	-



ABSORGE<sup>®</sup> POUCH -S



### Pouch X: Installation guidelines

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



### Pouch S/D: Installation guidelines

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



ABSORGE<sup>®</sup> POUCH -D



# AbsorGel® Pouch-X

## Main features

DESICCANT TYPE	CONTAINER / IN-BOX DESICCANT
TYPES AVAILABLE	100 g - 125 g
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH
MOISTURE ABSORPTION	> 300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	TYVEK®
INSTALLATION MODE	IN-BOX
INSTALLATION ACCESORIES	-
CLIMATE IMPACT BEFORE OFFSETTING	0,091-0,115 kg CO <sub>2</sub> / UNIT

\*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%.

\*\*ABOVE CO<sub>2</sub> HAS BEEN OFFSET THROUGH GOLD STANDARD PROJECTS. READ MORE ABOUT THE OFFSETTING PROGRAMS ON THE WEB.



## Product specifications

NAME DESCRIPTION	ABSORGEL®POUCH-X 125g	ABSORGEL®POUCH-X 100g
PART NO	5526801	5527201
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	125 g	100 g
COUNTRY OF ORIGIN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	0,115 CO <sub>2</sub> / UNIT	0,091 kg CO <sub>2</sub> / UNIT
CO <sub>2</sub> KG/KG ABSORBING AGENT	0,92	1,10
PACKAGING INFORMATION		
BOX		
POUCH SIZE (mm)	145 x 145	145 x 145
INNER BAG PCS	94	100
BOX PCS	94	100
BOX GROSS WEIGTH kg	12,9	11,2
DIM L X W X H mm	478 X 296 X 233	478 X 296 X 233
PALLET		
PCS	3008	3200
GROSS WEIGHT kg	437	382
DIM L X W X H mm	1100 x 1100 x 1100	1100 x 1100 x 1100

# AbsorGel® Pouch-S

## Main features

DESICCANT TYPE	CONTAINER / IN-BOX DESICCANT
TYPES AVAILABLE	25 g - 125 g
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH
MOISTURE ABSORPTION	> 250% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	TYVEK®
INSTALLATION MODE	IN-BOX
INSTALLATION ACCESORIES	-

\*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 300%.



## Product specifications

NAME DESCRIPTION	ABSORGEL®POUCH-S 25g	ABSORGEL®POUCH-S 50g	ABSORGEL®POUCH-S 100g	ABSORGEL®POUCH-S 125g
PART NO	5520421	5520821	5521202	5521602
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	25 g	50 g	100 g	125 g
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA	CHINA
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	INNER BAGS / BOX	INNER BAGS / BOX	INDUSTRIAL PACK	INDUSTRIAL PACK
CO <sub>2</sub> KG/KG ABSORBING AGENT	-	-	-	-
<b>PACKAGING INFORMATION</b>				
<b>BOX</b>				
POUCH SIZE (mm)	110 x 125	110 x 130	150 x 170	150 x 190
INNER BAG PCS	100	50	120	100
BOX PCS	400	200	120	100
BOX GROSS WEIGTH kg	11	12,3	13,5	13,2
DIM L X W X H mm	478 X 296 X 233	478 X 296 X 233	478 X 296 X 233	478 X 296 X 233
<b>PALLET</b>				
PCS	12800	6400	3840	3200
GROSS WEIGHT kg	375	405	450	440
DIM L X W X H mm	1100 x 1100 x 1100	1100 x 1100 x 1100	1100 x 1100 x 1100	1100 x 1100 x 1100





## Materials



- CALCIUM CHLORIDE
- MODIFIED STARCH
- DUPONT™ TYVEK® HDPE-PLASTIC
- PE-PLASTIC (ONLY POUCH-X)
- NON-WOVEN (ONLY POUCH-D)

## Dimensioning

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

## 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 of and the different Exposure Scenarios.

## Disposal

Absortech'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.

## Availability and Operational Temperature

Stock availability may vary between Absortech regions. Contact Absortech or AbsorPartner for guidance.

Operational temperature: -20 °C to 70 °C



LEARN MORE AT [ABSORTECH.COM](https://www.absortech.com)

Absortech 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 Sweden. Since 1996, we have been offering a wide range of inhouse developed and produced desiccants made from calcium chloride. Peace of Moisture Mind® is our moisture damage prevention concept, which includes steps like audits, tests and global supply chain solutions. We are committed to base our operations on sustainable principles and help businesses like yours implement sustainable solutions to prevent moisture damage.