

# AbsorGel® Pouch S/D/X



## TECHNICAL PRODUCT SHEET



ABSORTEL® 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 HDPE AND/OR NON-WOVEN

INSTALLATION MODE IN-BOX

INSTALLATION ACCESORIES -



ABSORTEL® 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.



ABSORTEL® 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               | HDPE  |
| INSTALLATION MODE                | IN-BOX  |
| INSTALLATION ACCESORIES          | -   |
| CLIMATE IMPACT BEFORE OFFSETTING | 0,12 kg CO <sub>2</sub> / PC                            |

\*ABSORPTION CAPACITY IN FIELDS 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 125 g          | ABSORGEL®POUCH-X 100 g          |
|---|---------------------------------|---------------------------------|
| PART NO   | 5527201                         | 5526801                         |
| DESICCANT AGENT   | CaCl <sub>2</sub> >94% / STARCH | CaCl <sub>2</sub> >94% / STARCH |
| DESICCANT AGENT WEIGHT  | 125 g                           | 100 g                           |
| COUNTRY OF ORIGIN   | SWEDEN                          | SWEDEN                          |
| PERMEABLE MATERIAL  | HDPE                            | HDPE                            |
| PACKAGING CONFIGURATION                                       | INDUSTRIAL PACK                 | INDUSTRIAL PACK                 |
| CLIMATE IMPACT BEFORE OFFSETTING                              | 0,12 kg CO <sub>2</sub> / PC    | 0,12 kg CO <sub>2</sub> / PC    |
| CO <sub>2</sub> KG/KG ABSORBING AGENT                         | 0,94 kg                         | 1,15 kg                         |
| TOTAL WEIGHT PLASTIC PER PC                                   | 0,006 kg                        | 0,006 kg                        |
| WEIGHT RECYCLED PLASTIC PER PC<br>(% RECYCLED PLASTIC PER PC) | 0 kg<br>(0%)                    | 0 kg<br>(0%)                    |
| PACKAGING INFORMATION   |                                 |                                 |
| POUCH DIM L X W   | 145 x 145 mm                    | 145 x 145 mm                    |
| INNER BAG QUANTITY  | 94 PCS                          | 100 PCS                         |
| BOX QUANTITY  | 94 PCS                          | 100 PCS                         |
| BOX GROSS WEIGTH  | 12,9 kg                         | 11,2 kg                         |
| BOX DIM L X W X H   | 478 X 296 X 233 mm              | 478 X 296 X 233 mm              |
| PALLET QUANTITY   | 3 008 PCS                       | 3 200 PCS                       |
| PALLET GROSS WEIGHT   | 437 kg                          | 382 kg                          |
| PALLET DIM L X W X H  | 1100 x 1100 x 1100 mm           | 1100 x 1100 x 1100 mm           |

# 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      | HDPE  |
| INSTALLATION MODE       | IN-BOX  |
| INSTALLATION ACCESORIES | -   |

\*ABSORPTION CAPACITY IN FIELDS 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  | ABSORTEL®POUCH-S 25 g           | ABSORTEL®POUCH-S 50 g           | ABSORTEL®POUCH-S 100 g          | ABSORTEL®POUCH-S 125 g          |
|---|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| PART NO   | 5520421                         | 5520821                         | 5521202                         | 5521602                         |
| DESICCANT AGENT   | CaCl <sub>2</sub> >94% / STARCH | CaCl <sub>2</sub> >94% / STARCH | CaCl <sub>2</sub> >94% / STARCH | CaCl <sub>2</sub> >94% / STARCH |
| DESICCANT AGENT WEIGHT  | 25 g                            | 50 g                            | 100 g                           | 125 g                           |
| COUNTRY OF ORIGIN   | CHINA                           | CHINA                           | CHINA                           | CHINA                           |
| PERMEABLE MATERIAL  | HDPE                            | HDPE                            | HDPE                            | HDPE                            |
| PACKAGING CONFIGURATION                                       | INNER BAGS / BOX                | INNER BAGS / BOX                | INDUSTRIAL PACK                 | INDUSTRIAL PACK                 |
| CO <sub>2</sub> KG/KG ABSORBING AGENT                         | -                               | -                               | -                               | -                               |
| TOTAL WEIGHT PLASTIC PER PC                                   | 0,004 kg                        | 0,004 kg                        | 0,005 kg                        | 0,006 kg                        |
| WEIGHT RECYCLED PLASTIC PER PC<br>(% RECYCLED PLASTIC PER PC) | 0 kg<br>(0%)                    | 0 kg<br>(0%)                    | 0 kg<br>(0%)                    | 0 kg<br>(0%)                    |
| PACKAGING INFORMATION   |                                 |                                 |                                 |                                 |
| POUCH DIM L X W   | 110 x 125 mm                    | 110 x 130 mm                    | 150 x 170 mm                    | 150 x 190 mm                    |
| INNER BAG QUANTITY  | 100 PCS                         | 50 PCS                          | 120 PCS                         | 100 PCS                         |
| BOX QUANTITY  | 400 PCS                         | 200 PCS                         | 120 PCS                         | 100 PCS                         |
| BOX GROSS WEIGTH  | 11 kg                           | 12,3 kg                         | 13,5 kg                         | 13,2 kg                         |
| BOX DIM L X W X H   | 478 X 296 X 233 mm              | 478 X 296 X 233 mm              | 478 X 296 X 233 mm              | 478 X 296 X 233 mm              |
| PALLET QUANTITY   | 12 800 PCS                      | 6 400 PCS                       | 3 840 PCS                       | 3 200 PCS                       |
| PALLET GROSS WEIGHT   | 375 kg                          | 405 kg                          | 450 kg                          | 440 kg                          |
| PALLET DIM L X W X H  | 1100 x 1100 x 1100 mm           | 1100 x 1100 x 1100 mm           | 1100 x 1100 x 1100 mm           | 1100 x 1100 x 1100 mm           |



## Materials



CALCIUM CHLORIDE

MODIFIED STARCH

HDPE

PE-PLASTIC (ONLY POUCH-X)

NON-WOVEN (ONLY POUCH-D)

## 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

## 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 maximum relative humidity 60%. This is valid for unopened boxes.

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.



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.