AbsorGel® Pouch S/D/X

TECHNICAL PRODUCT SHEET

ABSORGEL® POUCH-X

Main features

DESICCANT TYPE	IN-BOX DESICCANT
TYPES AVAILABLE	2 g - 125 g
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH
MOISTURE ABSORPTION	200 - 300%
PERMEABLE MATERIAL	HDPE AND/OR NON-WOVEN
INSTALLATION MODE	IN-BOX
INSTALLATION ACCESORIES	-

30 YEARS OF INNOVATION

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.

ABSORGEL® 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.

ABSORGEL® POUCH -D

Made by Sweden

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	0,12 kg CO_2 / 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%.

Product specifications

NAME DESCRIPTION	**ABSORGEL®POUCH-X 125 g**	**ABSORGEL®POUCH-X 100 g**
PART NO	5527201	5526801
DESICCANT AGENT	$CaCl_2$ >94% / STARCH	$CaCl_2$ >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	0,115 kg CO_2 / PC	0,091 kg CO_2 / PC
CO_2 KG/KG ABSORBING AGENT	0,92 kg	1,10 kg
TOTAL WEIGHT PLASTIC PER PC	0,007 kg	0,007 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (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	1 100 x 1 100 x 1 100 mm	1 100 x 1 100 x 1 100 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	ABSORGEL®POUCH-S 25 g	ABSORGEL®POUCH-S 50 g	ABSORGEL®POUCH-S 100 g	ABSORGEL®POUCH-S 125 g
PART NO	5520421	5520821	5521202	5521602
DESICCANT AGENT	$CaCl_2$ >94% / STARCH	$CaCl_2$ >94% / STARCH	$CaCl_2$ >94% / STARCH	$CaCl_2$ >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_2 KG/KG ABSORBING AGENT	-	-	-	-
TOTAL WEIGHT PLASTIC PER PC	0,004 kg	0,004 kg	0,006 kg	0,007 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (0%)	0 kg (0%)	0 kg (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	1 120 x 1 120 x 1 120 mm	1 120 x 1 120 x 1 120 mm	1 120 x 1 120 x 1 120 mm	1 120 x 1 120 x 1 120 mm

AbsorGel® Pouch-D

Main features

DESICCANT TYPE	CONTAINER / IN-BOX DESICCANT
TYPES AVAILABLE	2 g - 50 g
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH
MOISTURE ABSORPTION	200-250% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	NON-WOVEN (NW) AND/OR 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	**ABSORGEL® POUCH-D 2 g**	**ABSORGEL® POUCH-D 5 g**	**ABSORGEL® POUCH-D 10 g**	**ABSORGEL® POUCH-D 25 g**	**ABSORGEL® POUCH-D 50 g**
PART NO	5510820	5511220	5511620	5512020	5512420
DESICCANT AGENT	$CaCl_2$ >94% / STARCH	$CaCl_2$ >94% / STARCH	$CaCl_2$ >94% / STARCH	$CaCl_2$ >94% / STARCH	$CaCl_2$>94% / STARCH
DESICCANT AGENT WEIGHT	2 g	5 g	10 g	25 g	50 g
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA	CHINA	CHINA
PERMEABLE MATERIAL	NW / NW	NW / NW	NW / HDPE	NW / HDPE	NW / HDPE
PACKAGING CONFIGURATION	INNER BAGS / BOX	INNER BAGS / BOX	INNER BAGS / BOX	INNER BAGS / BOX	INDUSTRIAL PACK
TOTAL WEIGHT PLASTIC PER PC	0,001 kg	0,002 kg	0,003 kg	0,004 kg	0,006 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (0%)	0 kg (0%)	0 kg (0%)	0 kg (0%)
PACKAGING INFORMATION					
POUCH DIM L X W (mm)	55 x 88	55 x 120	95 x 126	95 x 150	95 x 190
INNER BAG QUANTITY (PCS)	100	50	20	10	10
BOX QUANTITY (PCS)	2 800	1600	760	450	250
BOX GROSS WEIGTH (kg)	9,8	11,8	11,4	12,3	13,5
BOX 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	478 X 296 X 233
PALLET QUANTITY (PCS)	89 600	51 200	24 320	14 400	8 000
PALLET GROSS WEIGHT (kg)	342	406	393	405	470
PALLET DIM L X W X H (mm)	1 120 x 1 120 x 1 120	1 120 x 1 120 x 1 120	1 120 x 1 120 x 1 120	1 120 x 1 120 x 1 120	1 120 x 1 120 x 1 120

Materials

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 your local AbsorPartner for guidance.
Operational temperature: -20 °C to 70 °C.
The recommended operating period after installation is up to 6 months*.

**Depending on dimensioning, external conditions, and application, the usage period can be longer, contact Absortech or AbsorPartner for guidance.*

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, shelf life is valid for unopened boxes and under the specified storage conditions.
Storage conditions: temperature between 5 °C and 25 °C and maximum relative humidity of 60%. Storage outside these conditions may reduce the product's shelf life.

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.

LRQA CERTIFIED
ISO 9001 • ISO 14001

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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.