

AbsorGel® Sheet-X

TECHNICAL PRODUCT SHEET



ABSORGEL® SHEET-X 0,75KG

Installation and usage

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

They can be placed on top of the cargo or inside pallets or boxes. The calcium chloride absorbs moisture from the surrounding air passing in through its permeable packaging (DuPont™ Tyvek®). The liquid Calcium Chloride turns into gel by the modified starch.

Typical applications AbsorGel® Sheet-X can be used for all types of cargo. They are especially suitable when the cargo is tightly packed close to the container ceiling and walls or inside of larger crates, boxes or other types of packaging.

Main features

DESICCANT TYPE	CONTAINER / IN-BOX DESICCANT
TYPES AVAILABLE	0,50 kg - 1,5 kg
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH
MOISTURE ABSORPTION	>300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	TYVEK®
INSTALLATION MODE	HORIZONTAL
INSTALLATION ACCESORIES	-
CLIMATE IMPACT BEFORE OFFSETTING	0,44-1,30 kg CO ₂ / 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 CO₂ HAS BEEN OFFSET THROUGH GOLD STANDARD PROJECTS. READ MORE ABOUT THE OFFSETTING PROGRAMS ON THE WEB.



Installation video guidelines

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



ABSORPARTNER IN USA



Installation example



ABSORCEL® SHEET-X CONTAINER INSTALLATION

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 and the different Exposure Scenarios.



0.75KG ABSORCEL® SHEET-X盒内安装

Product specifications

NAME DESCRIPTION	ABSORGE [®] SHEET 1,5KG	ABSORGE [®] SHEET 1,5KG	ABSORGE [®] SHEET 1,125KG	ABSORGE [®] SHEET 1,125KG
PART NO	5505201-SP	5505201-IP	5504301-SP	5504301-IP
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	1,5 kg	1,5 kg	1,125 kg	1,125 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK [®]	TYVEK [®]	TYVEK [®]	TYVEK [®]
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	SINGLE PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	1,30 kg CO ₂ / UNIT	1,29 kg CO ₂ / UNIT	0,98 kg CO ₂ / UNIT	0,97 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,87	0,86	0,87	0,86
INSTALLATION ACCESORIES				
OTHER	n.a.	n.a.	n.a.	n.a.
ABSORSTICK™	n.a.	n.a.	n.a.	n.a.
GROMMETS	NO	NO	NO	NO
ADHESIVE PADS	2 PCS	2 PCS	0 PCS	0 PCS
PACKAGING INFORMATION				
BOX				
IINER BAG PCS	1	8	1	10
BOX PCS	8	8	10	10
BOX GROSS WEIGHTH kg	12,4	12,4	13	13
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
PALLET				
PCS	256	256	320	320
GROSS WEIGHT kg	415	415	420	420
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

Dimensions

ABSORGE[®]SHEET 1,5KG

ABSORGE[®]SHEET 1,125KG



Product specifications

NAME DESCRIPTION	ABSORGEL®SHEET 0,5KG	ABSORGEL®SHEET 0,5KG	ABSORGEL®SHEET 0,75KG	ABSORGEL®SHEET 0,75KG
PART NO	5527401-SP	5527401-IP	5504101-SP	5504101-IP
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH			
DESICCANT AGENT WEIGHT	0,5 kg	0,50 kg	0,75 kg	0,75 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	SINGLE PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	0,45 kg CO ₂ / UNIT	0,44 kg CO ₂ / UNIT	0,66 kg CO ₂ / UNIT	0,65 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,90	0,89	0,88	0,87
INSTALLATION ACCESORIES				
OTHER	n.a.	n.a.	n.a.	n.a.
ABSORSTICK™	n.a.	n.a.	n.a.	n.a.
GROMMETS	NO	NO	NO	NO
ADHESIVE PADS	0 PCS	0 PCS	0 PCS	0 PCS
PACKAGING INFORMATION				
BOX				
IINER BAG PCS	1	21	1	15
BOX PCS	21	21	15	15
BOX GROSS WEIGTH kg	11,5	11,5	13	13
DIM L X W X H mm	478 x 296 x 233			
PALLET				
PCS	672	672	480	480
GROSS WEIGHT kg	400	400	420	420
DIM L X W X H mm	1100 x 1100 x 1100			

Dimensions



Materials



- CALCIUM CHLORIDE
- MODIFIED STARCH
- PE-PLASTIC (BACK)
- DUPONT™ TYVEK® HDPE-PLASTIC

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 container or box, type of packaging used, cargo type. Contact us for further information.

CONTAINER SIZE		20 ft	40 ft
SHORT DISTANCE ~ 30 DAYS			
ABSORGEL® SHEET-X 0,50 KG	DRY GOODS	9	15
	WET GOODS	12	21
ABSORGEL® SHEET-X 0,75 KG	DRY GOODS	6	10
	WET GOODS	8	14
ABSORGEL® SHEET-X 1,125 KG	DRY GOODS	4	7
	WET GOODS	6	10
ABSORGEL® SHEET-X 1,5 KG	DRY GOODS	3	5
	WET GOODS	4	7

CONTAINER SIZE		20 ft	40 ft
LONG DISTANCE ~ 60 DAYS			
ABSORGEL® SHEET-X 0,50 KG	DRY GOODS	12	21
	WET GOODS	21	27
ABSORGEL® SHEET-X 0,75 KG	DRY GOODS	8	14
	WET GOODS	14	18
ABSORGEL® SHEET-X 1,125 KG	DRY GOODS	6	10
	WET GOODS	9	12
ABSORGEL® SHEET-X 1,5 KG	DRY GOODS	4	7
	WET GOODS	7	9



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 committed to help businesses like yours implement sustainable solutions to prevent moisture damage.

ABSORPARTNER IN USA

BUFFERS USA

DESICCANT-SOLUTIONS.COM
 JEANINE@BUFFERSUSA.COM
 OFC: (904) 696-0010, EXT. 2328
 MOB: (904) 403-7788

