

# AbsorGel® Sheet-X

TECHNICAL PRODUCT SHEET



ABSORGEL® SHEET-X 0,75 kg

## 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. 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	HDPE
INSTALLATION MODE	HORIZONTAL
INSTALLATION ACCESORIES	-
CLIMATE IMPACT	0,44-1,30 kg CO <sub>2</sub> / PC

\*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%.



## Installation video guidelines

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



## Installation example



ABSORGEL® 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 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 and the different Exposure Scenarios.



ABSORGEL® SHEET-X 0,75 kg

## Product specifications

NAME DESCRIPTION	ABSORGEL®SHEET-X 1,5 kg	ABSORGEL®SHEET-X 1,5 kg	ABSORGEL®SHEET-X 1,125 kg	ABSORGEL®SHEET-X 1,125 kg
PART NO	5505201-SP	5505201-IP	5504301-SP	5504301-IP
DESICCANT AGENT	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	HDPE	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	SINGLE PACK	INDUSTRIAL PACK
CLIMATE IMPACT	1,30 kg CO <sub>2</sub> / PC	1,29 kg CO <sub>2</sub> / PC	0,98 kg CO <sub>2</sub> / PC	0,97 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	0,87 kg	0,86 kg	0,87 kg	0,86 kg
TOTAL WEIGHT PLASTIC PER PC	0,072 kg	0,072 kg	0,053 kg	0,053 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (0%)	0 kg (0%)	0 kg (0%)
INSTALLATION ACCESSORIES				
GROMMETS	NO	NO	NO	NO
ADHESIVE PADS	2 PCS	2 PCS	0 PCS	0 PCS
PACKAGING INFORMATION				
INNER BAG QUANTITY	1 PC	8 PCS	1 PC	10 PCS
BOX QUANTITY	8 PCS	8 PCS	10 PCS	10 PCS
BOX GROSS WEIGTH	12,4 kg	12,4 kg	13 kg	13 kg
BOX DIM L X W X H	478 x 296 x 233 mm			
PALLET QUANTITY	256 PCS	256 PCS	320 PCS	320 PCS
PALLET GROSS WEIGHT	415 kg	415 kg	420 kg	420 kg
PALLET DIM L X W X H	1100 x 1100 x 1100 mm			

## Dimensions

ABSORGEL®SHEET-X 1,5 kg

ABSORGEL®SHEET-X 1,125 kg



## Product specifications

NAME DESCRIPTION	ABSORTEL®SHEET-X 0,5 kg	ABSORTEL®SHEET-X 0,5 kg	ABSORTEL®SHEET -X 0,75 kg	ABSORTEL®SHEET-X 0,75 kg
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	HDPE	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	SINGLE PACK	INDUSTRIAL PACK
CLIMATE IMPACT	0,45 kg CO <sub>2</sub> / PC	0,44 kg CO <sub>2</sub> / PC	0,66 kg CO <sub>2</sub> / PC	0,65 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	0,90 kg	0,88 kg	0,88 kg	0,87 kg
TOTAL WEIGHT PLASTIC PER PC	0,024 kg	0,024 kg	0,036 kg	0,036 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (0%)	0 kg (0%)	0 kg (0%)
<b>INSTALLATION ACCESORIES</b>				
GROMMETS	NO	NO	NO	NO
ADHESIVE PADS	0 PCS	0 PCS	0 PCS	0 PCS
<b>PACKAGING INFORMATION</b>				
INNER BAG QUANTITY	1 PC	21 PCS	1 PC	15 PCS
BOX QUANTITY	21 PCS	21 PCS	15 PCS	15 PCS
BOX GROSS WEIGTH	11,5 kg	11,5 kg	13 kg	13 kg
BOX DIM L X W X H	478 x 296 x 233 mm	478 x 296 x 233	478 x 296 x 233	478 x 296 x 233
PALLET QUANTITY	672 PCS	672 PCS	480 PCS	480 PCS
PALLET GROSS WEIGHT	400 kg	400 kg	420 kg	420 kg
PALLET DIM L X W X H	1100 x 1100 x 1100 mm			

## Dimensions

ABSORTEL®SHEET-X 0,5 kg



ABSORTEL®SHEET-X 0,75 kg



## Materials



- CALCIUM CHLORIDE
- MODIFIED STARCH
- PE-PLASTIC (BACK)
- HDPE

## 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
<b>SHORT DISTANCE ~ 30 DAYS</b>			
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
<b>LONG DISTANCE ~ 60 DAYS</b>			
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 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.

# AbsorGel® Sheet-C

TECHNICAL PRODUCT SHEET



ABSORGEL® SHEET-C 0,5 kg

## Installation and usage

AbsorGel® Sheet-C 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. The liquid Calcium Chloride turns into gel by the modified starch.

Typical applications AbsorGel® Sheet-C 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 OR 1,5 kg
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH
MOISTURE ABSORPTION	> 300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	HDPE
INSTALLATION MODE	HORIZONTAL
INSTALLATION ACCESORIES	-
CLIMATE IMPACT	0,72 - 1,56 kg CO <sub>2</sub> / PC

\*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%.



## Installation video guidelines

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



## Installation example



### 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 and the different Exposure Scenarios.



## Product specifications

NAME DESCRIPTION	ABSORCEL®SHEET-C 0,5 kg	ABSORCEL®SHEET-C 0,5 kg
PART NO	5527402-IP	5527402-SP
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	0,5 kg	0,5 kg
COUNTRY OF ORIGIN	CHINA	CHINA
PERMEABLE MATERIAL	HDPE	HDPE
PACKAGING CONFIGURATION	INDUSTRIAL PACK	SINGLE PACK
CLIMATE IMPACT	0,72 kg CO <sub>2</sub> / PC	0,73 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	1,44 kg	1,46 kg
TOTAL WEIGHT PLASTIC PER PC	0,025 kg	0,025 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (0%)
INSTALLATION ACCESORIES		
GROMMETS	NO	NO
ADHESIVE PADS	2 PCS	2 PCS
PACKAGING INFORMATION		
INNER BAG QUANTITY	24 PCS	1 PC
BOX QUANTITY	24 PCS	20 PCS
BOX GROSS WEIGTH	13,3 kg	11,8 kg
BOX DIM L X W X H	478 x 296 x 233 mm	478 x 296 x 233 mm
PALLET QUANTITY	768 PCS	640 PCS
PALLET GROSS WEIGHT	455 kg	395 kg
PALLET DIM L X W X H	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm

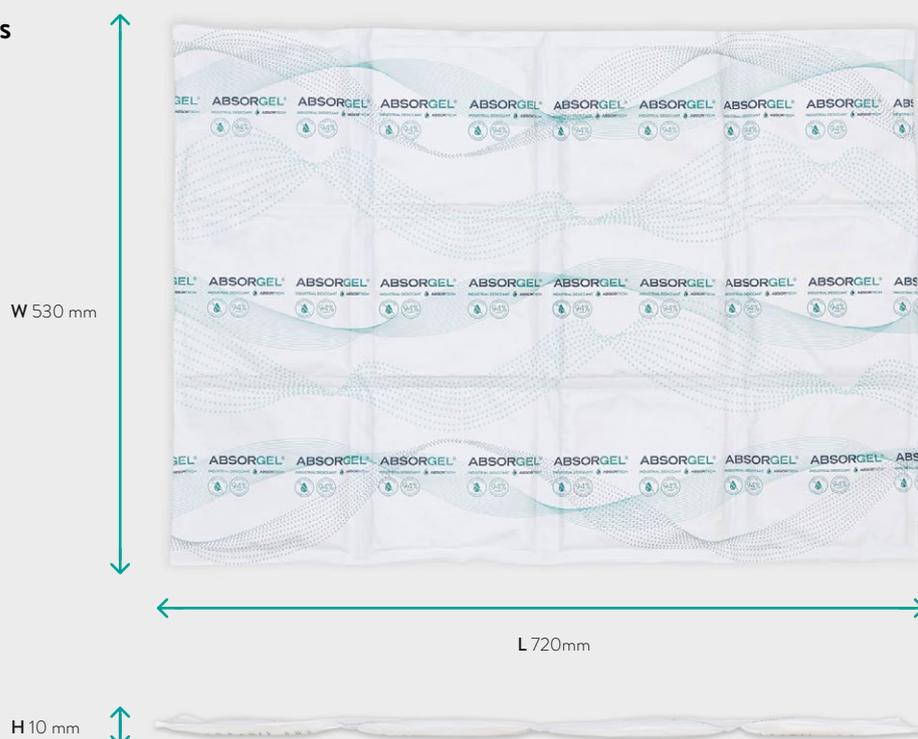
## Dimensions



## Product specifications

NAME DESCRIPTION	ABSORGEL®SHEET-C 1,5 kg	ABSORGEL®SHEET-C 1,5 kg
PART NO	5505202-IP	5505202-SP
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	1,5 kg	1,5 kg
COUNTRY OF ORIGIN	CHINA	CHINA
PERMEABLE MATERIAL	HDPE	HDPE
PACKAGING CONFIGURATION	INDUSTRIAL PACK	SINGLE PACK
CLIMATE IMPACT	1,55 kg CO <sub>2</sub> / PC	1,56 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	1,04 kg	1,04 kg
TOTAL WEIGHT PLASTIC PER PC	0,08 kg	0,087 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0 kg (0%)	0 kg (0%)
INSTALLATION ACCESORIES		
GROMMETS	NO	NO
ADHESIVE PADS	2 PCS	2 PCS
PACKAGING INFORMATION		
INNER BAG QUANTITY	12 PCS	1 PC
BOX QUANTITY	12 PCS	12 PCS
BOX GROSS WEIGTH	20 kg	20 kg
BOX DIM L X W X H	550 x 365 x 240 mm	550 x 365 x 240 mm
PALLET QUANTITY	288 PCS	288 PCS
PALLET GROSS WEIGHT	500 kg	500 kg
PALLET DIM L X W X H	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm

## Dimensions



## Materials



- CALCIUM CHLORIDE
- MODIFIED STARCH
- PE-PLASTIC (BACK)
- HDPE

## 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
<b>SHORT DISTANCE ~ 30 DAYS</b>			
ABSORGEL® SHEET-C 0,5 kg	DRY GOODS	9	15
	WET GOODS	12	21
ABSORGEL® SHEET-C 1,5 kg	DRY GOODS	3	5
	WET GOODS	4	7
<b>LONG DISTANCE ~ 60 DAYS</b>			
ABSORGEL® SHEET-C 0,5 kg	DRY GOODS	12	21
	WET GOODS	21	27
ABSORGEL® SHEET-C 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 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.