

AbsorGel® Blanket-X

TECHNICAL PRODUCT SHEET



Installation and usage

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

It is normally placed on top of the cargo or pallets. One of the benefits of the AbsorGel® Blanket-X is that it can be installed outside the container. The calcium chloride (of 94% purity) 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.

AbsorGel® Blanket is equipped with adhesive pads to keep it securely in place.

AbsorGel® Blanket 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. AbsorGel® Blanket is also suitable for reefer containers and trailers that do not have lashing rings for hanging desiccants.



Installation video guidelines

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



Main features

DESICCANT TYPE	CONTAINER DESICCANT
TYPES AVAILABLE	2,0 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**	1,45 - 1,46 kg CO ₂ / UNIT

*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 CO₂ HAS BEEN OFFSET THROUGH GOLD STANDARD PROJECTS. READ MORE ABOUT THE OFFSETTING PROGRAMS ON THE WEB.

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 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	ABSORGEL® BLANKET-X 2,0KG	ABSORGEL® BLANKET-X 2,0KG
PART NO	5504601-SP	5504601-IP
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	2,0 kg	2,0 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	1,46 kg CO ₂ / UNIT	1,45 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,73	0,73
INSTALLATION ACCESORIES		
OTHER	n.a.	n.a.
ABSORSTICK™	n.a.	n.a.
GROMMETS	NO	NO
ADHESIVE PADS	4 PCS	4 PCS
PACKAGING INFORMATION		
BOX		
INNER BAG PCS	1	10
BOX PCS	10	10
BOX GROSS WEIGTH kg	23,7	23,7
DIM L X W X H mm	478 X 296 X 466	478 X 296 X 466
PALLET		
PCS	160	160
GROSS WEIGHT kg	384	384
DIM L X W X H mm	1100 x 1100 x 1100	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.

Dimensioning

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

CONTAINER SIZE	20 ft	40 ft
SHORT DISTANCE ~ 30 DAYS		
DRY GOODS	2	4
WET GOODS	3	5
LONG DISTANCE ~ 60 DAYS		
DRY GOODS	3	5
WET GOODS	5	7

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://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.