

AbsorGel® Max-X/Compact-X



TECHNICAL PRODUCT SHEET



ABSORTEL® MAX-X

Installation and usage

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

It is installed from the lashing rings below the container ceiling. It is easy to install and remove with our AbsorHook™ System. The optional AbsorStick™ can be attached to the AbsorHook™ to reach the lashing rings. For high cube containers, two Absorsticks can be combined for increased length which means that no ladder is needed, and you will save time, effort and money.

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.

AbsorGel® Max/Compact can be used for all types of cargo. They are especially suitable when the cargo is high loaded close to the container ceiling and walls.



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	0,75 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	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT BEFORE OFFSETTING	0,62-1,26 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 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.



INSTALLATION WITH TWO ABSORSTICK™ COMBINED



ABSORGEL® MAX-X



ABSORGEL® COMPACT-X

Product specifications

NAME DESCRIPTION	ABSORGEL® MAX-X 1,5KG	ABSORGEL® MAX-X 1,5KG	ABSORGEL® MAX-X 1,5KG
PART NO	5506602-SP8	5506602-IP2	5506602-IP0
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	1,5 kg	1,5 kg	1,5 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACKED	INDUSTRIAL PACKED	INDUSTRIAL PACKED
CLIMATE IMPACT BEFORE OFFSETTING	1,26kg CO ₂ / UNIT	1,17 kg CO ₂ / UNIT	1,16 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,84	0,78	0,77
INSTALLATION ACESORIES			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	8 PCS	2 PCS	0 PCS
GROMMETS	NO	NO	NO
ADHESIVE PADS	NO	NO	NO
PACKAGING INFORMATION			
BOX			
INNER BAG PCS	1	8	8
BOX PCS	8	8	8
BOX GROSS WEIGTH kg	14,5	14,5	14,5
DIM LX W X H mm	478 X 296 x 303	478 X 296 x 303	478 X 296 x 303
PALLET			
PCS	192	192	192
GROSS WEIGHT kg	360	360	360
DIM LX W X H mm	1100 x 1100 x 1100	1100 x 1100 x 1100	1100 x 1100 x 1100

Dimensions



Product specifications

NAME DESCRIPTION	ABSORGEL® COMPACT-X 0,75KG	ABSORGEL® COMPACT-X 0,75KG	ABSORGEL® COMPACT-X 0,75KG
PART NO	5507002-SP14	5507002-IP2	5507002-IP0
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	0,75 kg	0,75 kg	0,75 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	0,73 kg CO ₂ / UNIT	0,64 kg CO ₂ / UNIT	0,62 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,97	0,85	0,82
INSTALLATION ACCESORIES			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	14 PCS	2 PCS	0 PCS
GROMMETS	NO	NO	NO
ADHESIVE PADS	NO	NO	NO
PACKAGING INFORMATION			
BOX			
INNER BAG PCS	1	14	14
BOX PCS	14	14	14
BOX GROSS WEIGTH kg	13	13	13
DIM L X W X H mm	478 X 296 x 303	478 X 296 x 303	478 X 296 x 303
PALLET			
PCS	336	336	336
GROSS WEIGHT kg	320	320	320
DIM L X W X H mm	1100 x 1100 x 1100	1100 x 1100 x 1100	1100 x 1100 x 1100

Dimensions



Materials



- RECYCLED PLASTIC
- 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.



RECYCLE



REUSE

The Grey AbsorStick™ (Post-consumer PP-plastic) should be sorted for recycling. Note that the AbsorStick™ can also be re-used.

The AbsorHanger™ can be included in Absortech's R-to-R program. The grey AbsorHanger™ can be opened and separated from the desiccant and be returned to Absortech via a local pick-up point(s) or DAP to Absortech factories.

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			
ABSORGEL® COMPACT-X 0,75 KG	DRY GOODS	8	12
	WET GOODS	10	16
ABSORGEL® MAX-X 1,5 KG	DRY GOODS	4	6
	WET GOODS	5	8
LONG DISTANCE ~ 60 DAYS			
ABSORGEL® COMPACT-X 0,75 KG	DRY GOODS	10	16
	WET GOODS	16	20
ABSORGEL® MAX-X 1,5 KG	DRY GOODS	5	8
	WET GOODS	8	10



Interested in the R-to-R?

Read or click the code for further information.

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://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.