

AbsorGel® Max X/Compact X



TECHNICAL PRODUCT SHEET



DRAFT

Installation and usage

The AbsorGel® Max/Compact starts working as soon as it is removed from its packaging. They are installed from the lashing rings below the container ceiling. They are 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 AbsorStick™ can be combined for increased length which means that no ladder is needed, and you will save time, effort and money. Alternatively, you can invest in AbsorStick-Smart, a telescopic and ergonomic device used for repeated installations.

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.

Main features

DESICCANT TYPE	CONTAINER DESICCANT
TYPES AVAILABLE	MAX: 1,5 kg. COMPACT: 0,75 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 + STICKS (DEPENDING ON PACKAGING TYPE)
CLIMATE IMPACT BEFORE OFFSETTING	0,72-1,46 kg CO ₂ / UNIT

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

*Absorption capacity in fields conditions depends on temperature and relative humidity. It can exceed 400% in climate chamber with constant high temperature and %RH.

Installation example



Installation video guidelines

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



Product specifications

NAME DESCRIPTION	ABSORGE [®] MAX-X 1,5KG	ABSORGE [®] MAX-X 1,5KG	ABSORGE [®] MAX-X 1,5KG	ABSORGE [®] COMPACT-X 0,75KG	ABSORGE [®] COMPACT-X 0,75KG	ABSORGE [®] COMPACT-X 0,75KG
PART NO	5506602-SP8	5506602-IP2	5506602-IP0	5507002-SP14	5507002-IP2	5507002-IP0
DESICCANT AGENT	CaCl ₂ / STARCH	CaCl ₂ / STARCH	CaCl ₂ / STARCH	CaCl ₂ / STARCH	CaCl ₂ / STARCH	CaCl ₂ / STARCH
DESICCANT AGENT WEIGHT	1,5 kg	1,5 kg	1,5 kg	0,75 kg	0,75 kg	0,75 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN	SWEDEN	SWEDEN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK [®]	TYVEK [®]	TYVEK [®]	TYVEK [®]	TYVEK [®]	TYVEK [®]
PACKAGING CONFIGURATION	SINGLE PACKED	INDUSTRIAL PACKED	INDUSTRIAL PACKED	SINGLE PACKED	INDUSTRIAL PACKED	INDUSTRIAL PACKED
CLIMATE IMPACT BEFORE OFFSETTING	1,46 kg CO ₂ / UNIT	1,37 kg CO ₂ / UNIT	1,35 kg CO ₂ / UNIT	0,83 kg CO ₂ / UNIT	0,74 kg CO ₂ / UNIT	0,72 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,97	0,91	0,90	1,11	0,99	0,96
INSTALLATION ACCESORIES						
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	8 PCS	2 PCS	0 PCS	14 PCS	2 PCS	0 PCS
GROMMETS	NO	NO	NO	NO	NO	NO
ADHESIVE PADS	NO	NO	NO	NO	NO	NO
PACKAGING INFORMATION						
BOX						
BOX PCS	8	8	8	14	14	14
BOX GROSS WEIGTH kg	14,5	14,5	14,5	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	478 X 296 x 303	478 X 296 x 303	478 X 296 x 303
PALLET						
PCS	192	192	192	336	336	336
GROSS WEIGHT kg	360	360	360	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	1100 x 1100 x 1100	1100 x 1100 x 1100	1100 x 1100 x 1100



Access to the Safety Data Sheet

Read or click the code to access the SDS with technical and regulatory information of AbsorGel Max-X and the different Exposure Scenarios.

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

Dimensions



Materials



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

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.

Prevent discharge into drains or watercourses.



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



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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.