

AbsorGel® Max-X/Compact-X



TECHNICAL PRODUCT SHEET

30
YEARS OF
INNOVATION



ABSORGEL® 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. 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	HDPE
INSTALLATION MODE	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT	0,73 -1,46 kg CO ₂ / PC

*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%.

Installation example



Shelf life and conditions

The shelf life of this product is three years from the production date printed on the packaging label, shelf life is valid for unopened boxes and under the specified storage conditions.

Storage conditions: temperature between 5 °C and 25 °C and maximum relative humidity of 60%. Storage outside these conditions may reduce the product's shelf life.



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 1,5 kg	ABSORGEL® MAX-X 1,5 kg	ABSORGEL® MAX-X 1,5 kg
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	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACKED	INDUSTRIAL PACKED	INDUSTRIAL PACKED
CLIMATE IMPACT	1,46 kg CO ₂ / PC	1,37 kg CO ₂ / PC	1,35 kg CO ₂ / PC
CO ₂ KG/KG ABSORBING AGENT	0,97 kg	0,91 kg	0,90 kg
TOTAL WEIGHT PLASTIC PER PC	0,243 kg	0,211 kg	0,200 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,152 kg (62%)	0,121 kg (57%)	0,111 kg (55%)
INSTALLATION ACCESORIES			
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			
INNER BAG QUANTITY	1 PC	8 PCS	8 PCS
BOX QUANTITY	8 PCS	8 PCS	8 PCS
BOX GROSS WEIGTH	14,5 kg	14,5 kg	14,5 kg
BOX DIM L X W X H	478 X 296 x 303 mm	478 X 296 x 303 mm	478 X 296 x 303 mm
PALLET QUANTITY	192 PCS	192 PCS	192 PCS
PALLET GROSS WEIGHT	360 kg	360 kg	360 kg
PALLET DIM L X W X H	1100 x 1100 x 1100 mm	1100 x 1100 x 1100 mm	1100 x 1100 x 1100 mm

Dimensions



Product specifications

NAME DESCRIPTION	ABSORGEL® COMPACT-X 0,75 kg	ABSORGEL® COMPACT-X 0,75 kg	ABSORGEL® COMPACT-X 0,75 kg
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	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT	0,83 kg CO ₂ / UNIT	0,74 kg CO ₂ / UNIT	0,72 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	1,11 kg	0,99 kg	0,96 kg
TOTAL WEIGHT PLASTIC PER PC	0,199 kg	0,162 kg	0,156 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,152 kg (77%)	0,117 kg (72%)	0,111 kg (71%)
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			
INNER BAG QUANTITY	1 PC	14 PCS	14 PCS
BOX QUANTITY	14 PCS	14 PCS	14 PCS
BOX GROSS WEIGTH	13 kg	13 kg	13 kg
BOX DIM L X W X H	478 X 296 x 303 mm	478 X 296 x 303 mm	478 X 296 x 303 mm
PALLET QUANTITY	336 PCS	336 PCS	336 PCS
PALLET GROSS WEIGHT	320 kg	320 kg	320 kg
PALLET DIM L X W X H	1100 x 1100 x 1100 mm	1100 x 1100 x 1100 mm	1100 x 1100 x 1100 mm

Dimensions



Materials



- RECYCLED PLASTIC
- 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.



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

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

Availability and Operational Temperature

Stock availability may vary between Absortech regions. Contact Absortech or your local AbsorPartner for guidance.

Operational temperature: -20 °C to 70 °C.

The recommended operating period after installation is up to 6 months*.

**Depending on dimensioning, external conditions, and application, the usage period can be longer, contact Absortech or AbsorPartner for guidance.*



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.

AbsorGel® Max-C/Compact-C



TECHNICAL PRODUCT SHEET

30
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ABSORGEL® MAX-C

Installation and usage

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

Before installation, pull the hanger fully out of the product. Push the hook firmly against the hanger rod and then rotate the hook 90 °.

Install the product in the lashing rings below the container ceiling using the AbsorHook™ System. The optional AbsorStick™ attaches to the back of the hook and can be used to reach the lashing rings without a ladder. For high-cube containers, two AbsorStick™ tools can be connected to provide additional reach, saving time and reducing installation effort.

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.

AbsorGel® Max/Compact can be used for all types of cargo. It is particularly suitable for containers loaded close to the ceiling and walls, where available installation space is limited.



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	HDPE
INSTALLATION MODE	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT	0,89 -1,74 kg CO ₂ / PC

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Installation example



Shelf life and conditions

The shelf life of this product is three years from the production date printed on the packaging label, shelf life is valid for unopened boxes and under the specified storage conditions.

Storage conditions: temperature between 5 °C and 25 °C and maximum relative humidity of 60%. Storage outside these conditions may reduce the product's shelf life.



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INSTALLATION WITH TWO ABSORSTICK™ COMBINED



ABSORGEL® MAX-C

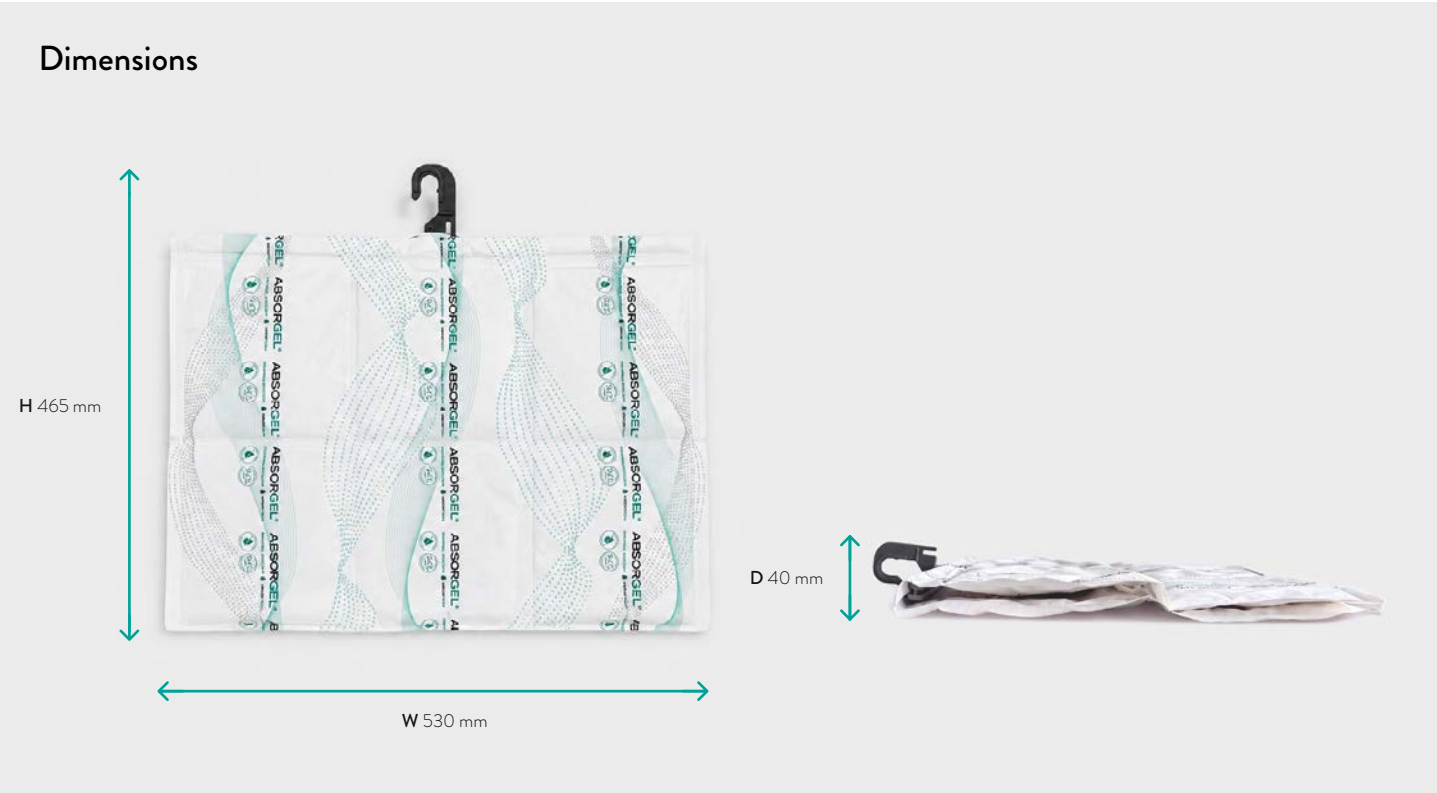


ABSORGEL® COMPACT-C IN USE

Product specifications

NAME DESCRIPTION	ABSORGEL® MAX-C 1,5 kg	ABSORGEL® MAX-C 1,5 kg	ABSORGEL® MAX-C 1,5 kg	ABSORGEL® MAX-C 1,5 kg
PART NO	5506702-IP0	5506702-IP2	5506702-SP0	5506702-SP10
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	1,5 kg	1,5 kg
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA	CHINA
PERMEABLE MATERIAL	HDPE	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	INDUSTRIAL PACK	INDUSTRIAL PACK	SINGLE PACK	SINGLE PACK
CLIMATE IMPACT	1,68 kg CO ₂ / UNIT	1,69 kg CO ₂ / UNIT	1,68 kg CO ₂ / UNIT	1,74 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	1,12 kg	1,13 kg	1,12 kg	1,16 kg
TOTAL WEIGHT PLASTIC PER PC	0,132 kg	0,139 kg	0,132 kg	0,175 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,049 kg (37%)	0,057 kg (41%)	0,049 kg (37%)	0,092 kg (53%)
INSTALLATION ACCESSORIES				
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	0 PCS	2 PCS	0 PCS	10 PCS
GROMMETS	NO	NO	NO	NO
ADHESIVE PADS	NO	NO	NO	NO
PACKAGING INFORMATION				
INNER BAG QUANTITY	12 PCS	12 PCS	1 PCS	1 PCS
BOX QUANTITY	12 PCS	12 PCS	10 PCS	10 PCS
BOX GROSS WEIGTH	20,9 kg	20,9 kg	17,7 kg	18,1 kg
BOX DIM L X W X H	550 X 365 x 240 mm	550 X 365 x 240 mm	550 X 365 x 240 mm	550 X 365 x 240 mm
PALLET QUANTITY	288 PCS	288 PCS	240 PCS	240 PCS
PALLET GROSS WEIGHT	524 kg	524 kg	447 kg	456 kg
PALLET DIM L X W X H	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm

Dimensions



Product specifications

NAME DESCRIPTION	ABSORGEL® COMPACT-C 0,75 kg	ABSORGEL® COMPACT-C 0,75 kg	ABSORGEL® COMPACT-C 0,75 kg	ABSORGEL® COMPACT-C 0,75 kg
PART NO	5507102-IP0	5507102-IP2	5507102-SP0	5507102-SP16
DESICCANT AGENT	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH	CALCIUM CHLORIDE >94% / STARCH
DESICCANT AGENT WEIGHT	0,75 kg	0,75 kg	0,75 kg	0,75 kg
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA	CHINA
PERMEABLE MATERIAL	HDPE	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	INDUSTRIAL PACK	INDUSTRIAL PACK	SINGLE PACK	SINGLE PACK
CLIMATE IMPACT	0,89 kg CO ₂ / UNIT	0,90 kg CO ₂ / UNIT	0,89 kg CO ₂ / UNIT	0,95 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	1,19 kg	1,20 kg	1,19 kg	1,27 kg
TOTAL WEIGHT PLASTIC PER PC	0,094 kg	0,098 kg	0,094 kg	0,137 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,049 kg (53%)	0,054 kg (55%)	0,049 kg (53%)	0,092 kg (67%)
INSTALLATION ACCESSORIES				
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	0 PCS	2 PCS	0 PCS	16 PCS
GROMMETS	NO	NO	NO	NO
ADHESIVE PADS	NO	NO	NO	NO
PACKAGING INFORMATION				
INNER BAG QUANTITY	20 PCS	20 PCS	1 PCS	1 PCS
BOX QUANTITY	20 PCS	20 PCS	16 PCS	16 PCS
BOX GROSS WEIGTH	18,2 kg	18,2 kg	15 kg	15,7 kg
BOX DIM L X W X H	550 X 365 x 240 mm	550 X 365 x 240 mm	550 X 365 x 240 mm	550 X 365 x 240 mm
PALLET QUANTITY	480 PCS	480 PCS	384 PCS	384 PCS
PALLET GROSS WEIGHT	459 kg	459 kg	382 kg	399 kg
PALLET DIM L X W X H	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm	1120 x 1120 x 1120 mm

Dimensions



Materials



RECYCLED PLASTIC
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.



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

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

Availability and Operational Temperature

Stock availability may vary between Absortech regions. Contact Absortech or your local AbsorPartner for guidance.

Operational temperature: -20 °C to 70 °C.

The recommended operating period after installation is up to 6 months*.

**Depending on dimensioning, external conditions, and application, the usage period can be longer, contact Absortech or AbsorPartner for guidance.*



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