

AbsorGel® Hanging-X

TECHNICAL PRODUCT SHEET



Installation and usage

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

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. It is installed within the corrugated recess of container side panels.

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® Hanging-X is fitted with a AbsorHook™ and adhesive pads to keep it securely in place. AbsorGel® Hanging-X can be used for any type of cargo and only needs 25 mm between the cargo and the AbsorGel® Hanging-X.



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	1,0 kg
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF >94% MIXED WITH STARCH
MOISTURE ABSORPTION	>300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	TYVEK®
INSTALLATION MODE	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT BEFORE OFFSETTING**	0,81-0,91 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



INSTALLATION USING ABSORSTICK™

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®HANGING-X 1,0KG	ABSORGEL®HANGING-X 1,0KG	ABSORGEL®HANGING-X 1,0KG
PART NO	5508201-SP10	5508201-IP2	5508201-IP0
DESICCANT AGENT	CALCIUM CHLORIDE >94%/ STARCH	CALCIUM CHLORIDE >94%/ STARCH	CALCIUM CHLORIDE >94%/ STARCH
DESICCANT AGENT WEIGHT	1,0 kg	1,0 kg	1,0 kg
COUNTRY OF ORIGIN	SWEDEN	SWEDEN	SWEDEN
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	0,91 kg CO ₂ / UNIT	0,83 kg CO ₂ / UNIT	0,81 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	0,91	0,83	0,81
INSTALLATION ACCESORIES			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	10 PCS	2 PCS	0 PCS
GROMMETS	NO	NO	NO
ADHESIVE PADS	YES	YES	YES
PACKAGING INFORMATION			
BOX			
INNER BAG PCS	1	10	10
BOX PCS	10	10	10
BOX GROSS WEIGTH kg	12,4	12,4	12,4
DIM LX W X H mm	478 x 296 x 233	478 x 296 x 233	478 x 296 x 233
PALLET			
PCS	320	320	320
GROSS WEIGHT kg	403	403	403
DIM LX 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

The grey AbsorHook™ (post-consumer PP-plastic) can be separated manually from the product and should be sorted for recycling.

The grey AbsorStick™ (post-consumer PP-plastic) 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		
DRY GOODS	5	9
WET GOODS	7	11
LONG DISTANCE ~ 60 DAYS		
DRY GOODS	7	11
WET GOODS	11	14

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.

AbsorGel® Hanging-C

TECHNICAL PRODUCT SHEET



Installation and usage

AbsorGel® Hanging-C starts working as soon as it is removed from its transparent sealed packaging or removed from a box master PE-bag. 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. It is installed within the corrugated recess of container side panels. AbsorGel® Hanging-C can be also hung horizontally by using the grommet.

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® Hanging-C is fitted with a AbsorHook™ and adhesive pads to keep it securely in place. AbsorGel® Hanging-C can be used for any type of cargo and only needs 25 mm between the cargo and the AbsorGel® Hanging-C.



Installation video guidelines

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

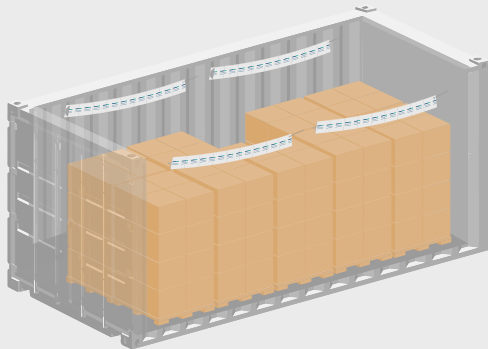


Main features

DESICCANT TYPE	CONTAINER DESICCANT
TYPES AVAILABLE	0,5 kg / 1,0 kg
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF >94% MIXED WITH STARCH
MOISTURE ABSORPTION	>300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	TYVEK®
INSTALLATION MODE	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT BEFORE OFFSETTING**	0,78-1,23 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



INSTALLATION USING ABSORSTICK™

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®HANGING-C 1,0KG	ABSORGEL®HANGING-C 1,0KG	ABSORGEL®HANGING-C1,0 KG
PART NO	5501102-SP10	5501102-IP2	5501102-IP0
DESICCANT AGENT	CALCIUM CHLORIDE >94%/ STARCH	CALCIUM CHLORIDE >94%/ STARCH	CALCIUM CHLORIDE >94%/ STARCH
DESICCANT AGENT WEIGHT	1,0 kg	1,0 kg	1,0 kg
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	1,23 kg CO ₂ / UNIT	1,17 kg CO ₂ / UNIT	1,16 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	1,23	1,17	1,16
INSTALLATION ACCESORIES			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	10 PCS	2 PCS	0 PCS
GROMMETS	YES	YES	YES
ADHESIVE PADS	YES	YES	YES
PACKAGING INFORMATION			
BOX			
INNER BAG PCS	1	10	10
BOX PCS	10	10	10
BOX GROSS WEIGTH kg	12,4	12,4	12,4
DIM LX W X H mm	478 X 296 X 233	478 X 296 X 233	478 X 296 X 233
PALLET			
PCS	320	320	320
GROSS WEIGHT kg	403	403	403
DIM LX W X H mm	1120 X 1120 X 1100	1120 X 1120 X 1100	1120 X 1120 X 1100

Dimensions



Product specifications

NAME DESCRIPTION	ABSORGEL®HANGING-C 0,5KG	ABSORGEL®HANGING-C 0,5KG	ABSORGEL®HANGING-C 0,5KG
PART NO	5501602-SP15	5501602-IP2	5501602-IP0
DESICCANT AGENT	CALCIUM CHLORIDE >94%/ STARCH	CALCIUM CHLORIDE >94%/ STARCH	CALCIUM CHLORIDE >94%/ STARCH
DESICCANT AGENT WEIGHT	0,5 KG	0,5 KG	0,5 KG
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA
PERMEABLE MATERIAL	TYVEK®	TYVEK®	TYVEK®
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT BEFORE OFFSETTING	0,85 kg CO ₂ / UNIT	0,79 kg CO ₂ / UNIT	0,78 kg CO ₂ / UNIT
CO ₂ KG/KG ABSORBING AGENT	1,7	1,58	1,56
INSTALLATION ACCESORIES			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	15 PCS	2 PCS	0 PCS
GROMMETS	YES	YES	YES
ADHESIVE PADS	NO	NO	NO
PACKAGING INFORMATION			
BOX			
INNER BAG PCS	1	15	15
BOX PCS	15	15	15
BOX GROSS WEIGTH kg	10	10	10
DIM LX W X H mm	478 X 296 X 233	478 X 296 X 233	478 X 296 X 233
PALLET			
PCS	480	480	480
GROSS WEIGHT kg	340	340	340
DIM LX W X H mm	1120 X 1120 X 1100	1120 X 1120 X 1100	1120 X 1120 X 1100

Dimensions



Materials



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

Disposal

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The grey AbsorStick™ (post-consumer PP-plastic) 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			
ABSORTEL® HANGING-C 0,5 KG	DRY GOODS	10	18
	WET GOODS	14	22
ABSORTEL® HANGING-C 1,0 KG	DRY GOODS	5	9
	WET GOODS	7	11
LONG DISTANCE ~ 60 DAYS			
ABSORTEL® HANGING-C 0,5 KG	DRY GOODS	14	22
	WET GOODS	22	28
ABSORTEL® HANGING-C 1,0 KG	DRY GOODS	7	11
	WET GOODS	11	14

Availability and Operational Temperature

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