

# 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. 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	HDPE
INSTALLATION MODE	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT	0,94-1,04 kg CO <sub>2</sub> / PC

\*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%.

## 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 maximum relative humidity 60%. This is valid for unopened boxes. 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 1,0 kg	ABSORGEL®HANGING-X 1,0 kg	ABSORGEL®HANGING-X 1,0 kg
PART NO	5508201-SPI0	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	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT	1,04 kg CO <sub>2</sub> / PC	0,96 kg CO <sub>2</sub> / PC	0,94 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	1,04 kg	0,96 kg	0,94 kg
TOTAL WEIGHT PLASTIC PER PC	0,123 kg	0,090 kg	0,082 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,023 kg (19%)	0,031 kg (35%)	0,064 kg (78%)
<b>INSTALLATION ACCESORIES</b>			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	10 PCS	2 PCS	0 PCS
GROMMETS	NO	NO	NO
ADHESIVE PADS	YES	YES	YES
<b>PACKAGING INFORMATION</b>			
INNER BAG QUANTITY	1 PC	10 PCS	10 PCS
BOX QUANTITY	10 PCS	10 PCS	10 PCS
BOX GROSS WEIGTH	12,4 kg	12,4 kg	12,4 kg
BOX DIM L X W X H	478 x 296 x 233 mm	478 x 296 x 233 mm	478 x 296 x 233 mm
PALLET QUANTITY	320 PCS	320 PCS	320 PCS
PALLET GROSS WEIGHT	403 kg	403 kg	403 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 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
<b>SHORT DISTANCE ~ 30 DAYS</b>		
DRY GOODS	5	9
WET GOODS	7	11
<b>LONG DISTANCE ~ 60 DAYS</b>		
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. 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.

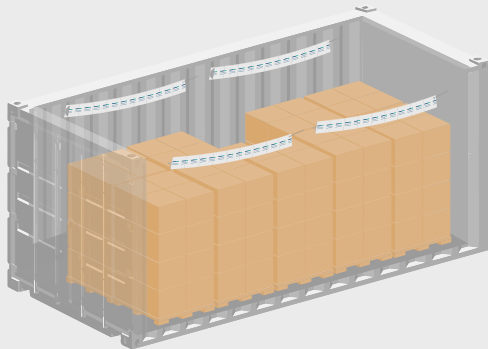


## Main features

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	HDPE
INSTALLATION MODE	VERTICAL
INSTALLATION ACCESORIES	INTEGRATED HOOK + ABSORSTICK™
CLIMATE IMPACT	0,78-1,23 kg CO <sub>2</sub> / 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



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 maximum relative humidity 60%. This is valid for unopened boxes. 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 1,0 kg	ABSORGEL®HANGING-C 1,0 kg	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	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT	1,23 kg CO <sub>2</sub> / PC	1,17 kg CO <sub>2</sub> / PC	1,16 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	1,23 kg	1,17 kg	1,16 kg
TOTAL WEIGHT PLASTIC PER PC	0,123 kg	0,085 kg	0,076 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,057 kg (47%)	0,031 kg (36%)	0,025 kg (32%)
<b>INSTALLATION ACCESORIES</b>			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	10 PCS	2 PCS	0 PCS
GROMMETS	YES	YES	YES
ADHESIVE PADS	YES	YES	YES
<b>PACKAGING INFORMATION</b>			
INNER BAG QUANTITY	1 PC	10 PCS	10 PCS
BOX QUANTITY	10 PCS	10 PCS	10 PCS
BOX GROSS WEIGTH	12,4 kg	12,4 kg	12,4 kg
BOX DIM L X W X H	478 X 296 X 233 mm	478 X 296 X 233 mm	478 X 296 X 233 mm
PALLET QUANTITY	320 PCS	320 PCS	320 PCS
PALLET GROSS WEIGHT	403 kg	403 kg	403 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

## Dimensions



## Product specifications

NAME DESCRIPTION	ABSORGEL®HANGING-C 0,5 kg	ABSORGEL®HANGING-C 0,5 kg	ABSORGEL®HANGING-C 0,5 kg
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	HDPE	HDPE	HDPE
PACKAGING CONFIGURATION	SINGLE PACK	INDUSTRIAL PACK	INDUSTRIAL PACK
CLIMATE IMPACT	0,85 kg CO <sub>2</sub> / PC	0,79 kg CO <sub>2</sub> / PC	0,78 kg CO <sub>2</sub> / PC
CO <sub>2</sub> KG/KG ABSORBING AGENT	1,7 kg	1,58 kg	1,56 kg
TOTAL WEIGHT PLASTIC PER PC	0,096 kg	0,055 kg	0,050 kg
WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC)	0,057 kg (59%)	0,028 kg (51%)	0,025 kg (49%)
<b>INSTALLATION ACCESORIES</b>			
OTHER	INTEGRATED HOOK	INTEGRATED HOOK	INTEGRATED HOOK
ABSORSTICK™	15 PCS	2 PCS	0 PCS
GROMMETS	YES	YES	YES
ADHESIVE PADS	NO	NO	NO
<b>PACKAGING INFORMATION</b>			
INNER BAG QUANTITY	1 PC	18 PCS	18 PCS
BOX QUANTITY	15 PCS	18 PCS	18 PCS
BOX GROSS WEIGTH	10 kg	11 kg	11 kg
BOX DIM L X W X H	478 X 296 X 233 mm	478 X 296 X 233 mm	478 X 296 X 233 mm
PALLET QUANTITY	480 PCS	576 PCS	576 PCS
PALLET GROSS WEIGHT	340 kg	372 kg	372 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

## 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.

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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
<b>SHORT DISTANCE ~ 30 DAYS</b>			
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
<b>LONG DISTANCE ~ 60 DAYS</b>			
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

Stock availability may vary between Absortech regions.

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Operational temperature: -20 °C to 70 °C



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