# AbsorGel® Blanket-X

TECHNICAL PRODUCT SHEET

ABSORTECH

## Installation and usage

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

It is normally placed on top of the cargo or pallets. One of the benefits of the AbsorGel® Blanket-X is that it can be installed outside the container. The calcium chloride (of 94% purity) absorbs moisture from the surrounding air passing in through its permeable packaging. The liquid Calcium Chloride turns into gel by the modified starch.

AbsorGel® Blanket is equipped with adhesive pads to keep it securely in place.

AbsorGel® Blanket can be used for all types of cargo. They are especially suitable when the cargo is tightly packed close to the container ceiling and walls. AbsorGel® Blanket is also suitable for reefer containers and trailers that do not have lashing rings for hanging desiccants.

## Installation video guidelines

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

Made by Sweden

## Main features

| | |
|---|---|
| DESICCANT TYPE | CONTAINER DESICCANT |
| TYPES AVAILABLE | 2,0 kg |
| ABSORBING AGENT | CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH |
| MOISTURE ABSORPTION | > 300% UNDER FIELD CONDITIONS* |
| PERMEABLE MATERIAL | HDPE |
| INSTALLATION MODE | HORIZONTAL |
| INSTALLATION ACCESORIES | - |
| CLIMATE IMPACT | 1,71 - 1,72 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.

## Product specifications

| NAME DESCRIPTION | ABSORGEL® BLANKET-X 2,0 kg | ABSORGEL® BLANKET-X 2,0 kg |
|---|---|---|
| PART NO | 5504601-SP | 5504601-IP |
| DESICCANT AGENT | CALCIUM CHLORIDE >94% / STARCH | CALCIUM CHLORIDE >94% / STARCH |
| DESICCANT AGENT WEIGHT | 2,0 kg | 2,0 kg |
| COUNTRY OF ORIGIN | SWEDEN | SWEDEN |
| PERMEABLE MATERIAL | HDPE | HDPE |
| PACKAGING CONFIGURATION | SINGLE PACK | INDUSTRIAL PACK |
| CLIMATE IMPACT | 1,72 kg $CO_2$ / PC | 1,71 kg $CO_2$ / PC |
| $CO_2$ KG/KG ABSORBING AGENT | 0,86 kg | 0,85 kg |
| TOTAL WEIGHT PLASTIC PER PC | 0,134 kg | 0,134 kg |
| WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC) | 0 kg (0%) | 0 kg (0%) |
| INSTALLATION ACCESORIES | | |
| GROMMETS | NO | NO |
| ADHESIVE PADS | 4 PCS | 4 PCS |
| PACKAGING INFORMATION | | |
| **INNER BAG** QUANTITY | 1 PC | 10 PCS |
| **BOX** QUANTITY | 10 PCS | 10 PCS |
| **BOX** GROSS WEIGTH | 23,7 kg | 23,7 kg |
| **BOX** DIM L X W X H | 478 X 296 X 466 mm | 478 X 296 X 466 mm |
| **PALLET** QUANTITY | 160 PCS | 160 PCS |
| **PALLET** GROSS WEIGHT | 384 kg | 384 kg |
| **PALLET** DIM L X W X H | 1100 x 1100 x 1100 mm | 1100 x 1100 x 1100 mm |

## Dimensions

## Materials

## 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.

## 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 | 2 | 4 |
| WET GOODS | 3 | 5 |
| **LONG DISTANCE ~ 60 DAYS** | | |
| DRY GOODS | 3 | 5 |
| WET GOODS | 5 | 7 |

## 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.*

LRQA CERTIFIED
ISO 9001 • ISO 14001

**LEARN MORE AT 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® Blanket-C

TECHNICAL PRODUCT SHEET

## Installation and usage

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

It is normally placed on top of the cargo or pallets. One of the benefits of the AbsorGel® Blanket-C is that it can be installed outside the container. The calcium chloride (of 94% purity) absorbs moisture from the surrounding air passing in through its permeable packaging. The liquid Calcium Chloride turns into gel by the modified starch.

AbsorGel® Blanket is equipped with adhesive pads to keep it securely in place.

AbsorGel® Blanket can be used for all types of cargo. They are especially suitable when the cargo is tightly packed close to the container ceiling and walls. AbsorGel® Blanket is also suitable for reefer containers and trailers that do not have lashing rings for hanging desiccants.

## Installation video guidelines

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

Made by Sweden

## Main features

| | |
|---|---|
| DESICCANT TYPE | CONTAINER DESICCANT |
| TYPES AVAILABLE | 2,0 kg |
| ABSORBING AGENT | CALCIUM CHLORIDE WITH A PURITY OF 94% MIXED WITH STARCH |
| MOISTURE ABSORPTION | > 300% UNDER FIELD CONDITIONS* |
| PERMEABLE MATERIAL | HDPE |
| INSTALLATION MODE | HORIZONTAL |
| INSTALLATION ACCESORIES | - |
| CLIMATE IMPACT | 2,05 - 2,06 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.

## 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® BLANKET-C 2,0 kg | ABSORGEL® BLANKET-C 2,0 kg |
|---|---|---|
| PART NO | 5504602-SP | 5504602-IP |
| DESICCANT AGENT | CALCIUM CHLORIDE >94% / STARCH | CALCIUM CHLORIDE >94% / STARCH |
| DESICCANT AGENT WEIGHT | 2,0 kg | 2,0 kg |
| COUNTRY OF ORIGIN | CHINA | CHINA |
| PERMEABLE MATERIAL | HDPE | HDPE |
| PACKAGING CONFIGURATION | SINGLE PACK | INDUSTRIAL PACK |
| CLIMATE IMPACT | 2,06 kg $CO_2$ / PC | 2,05 kg $CO_2$ / PC |
| $CO_2$ KG/KG ABSORBING AGENT | 1,03 kg | 1,03 kg |
| TOTAL WEIGHT PLASTIC PER PC | 0,114 kg | 0,114 kg |
| WEIGHT RECYCLED PLASTIC PER PC (% RECYCLED PLASTIC PER PC) | 0 kg (0%) | 0 kg (0%) |
| INSTALLATION ACCESORIES | | |
| GROMMETS | NO | NO |
| ADHESIVE PADS | 4 PCS | 4 PCS |
| PACKAGING INFORMATION | | |
| **INNER BAG** QUANTITY | 1 PC | 8 PCS |
| **BOX** QUANTITY | 8 PCS | 8 PCS |
| **BOX** GROSS WEIGTH | 18 kg | 18 kg |
| **BOX** DIM L X W X H | 550 X 365 X 240 mm | 550 X 365 X 240 mm |
| **PALLET** QUANTITY | 192 PCS | 192 PCS |
| **PALLET** GROSS WEIGHT | 455 kg | 455 kg |
| **PALLET** DIM L X W X H | 1 120 x 1 120 x 1 120 mm | 1 120 x 1 120 x 1 120 mm |

## Dimensions

## Materials

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.

## 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 | 2 | 4 |
| WET GOODS | 3 | 5 |
| **LONG DISTANCE ~ 60 DAYS** | | |
| DRY GOODS | 3 | 5 |
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## 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*.

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