

ABSORGEL® BAG

SUPERIOR MOISTURE CONTROL IN A NON-LIQUID BRINE DESICCANT

HOW IT WORKS

- Calcium chloride with starch and gelling agents behind an absorption grid aggressively remove and hold moisture during voyages of up to 40 days.
- Extended length provides faster absorption rate.
- Polyethylene outer bag with absorbent medium in segmented TYVEK inner tube.
- Low profile shape hangs in wall panel corrugations.
- Quick and easy installation, removal and disposal.

CARGO APPLICATION

Ideal for shipments in which non-liquid brine collection is preferred. For use with dry cargo such as steel and aluminum coils, machinery and all kinds of consumer goods; as well as moist cargo, typically agricultural commodities such as hay, coffee, cocoa, peanuts, beans and sugar.

CARGO LOAD CONFIGURATION

For any type of cargo that allows at least 1" space (25 mm) between the cargo and the sidewalls and not loaded higher than 2" (50 mm) from the ceiling.

PRODUCT SPECIFICATIONS

Units Needed:

<u>Container Size</u>	<u>Dry Cargo</u>	<u>Moist Cargo</u>
20'	4-8	8-12
40'	8-12	12-20

Absorbent Material:

50% calcium chloride, 40% starch and 10% gelling agents. All materials are non-toxic and environmentally friendly.

Absorption Capacity:

Up to 2.25 liters of moisture.

Working Temperatures:

- 4° to + 175° F (- 20° to + 80° C).

Material:

Polyethylene outer bag with absorbent medium in segmented TYVEK inner pouches.

Size:

5" wide x 61.5" long (130 mm x 1,560 mm).

Dry Weight: 2.20 lbs / 1.00 kg.

Disposal: Made only of non-toxic and recyclable materials (PE-PP) plastics, calcium chloride, starch and gelling agents.

Part Number: 7101-1483



OUTSTANDING MOISTURE ABSORPTION

Moisture Absorption At 30° C and RH 90% (Results From Chamber Test)

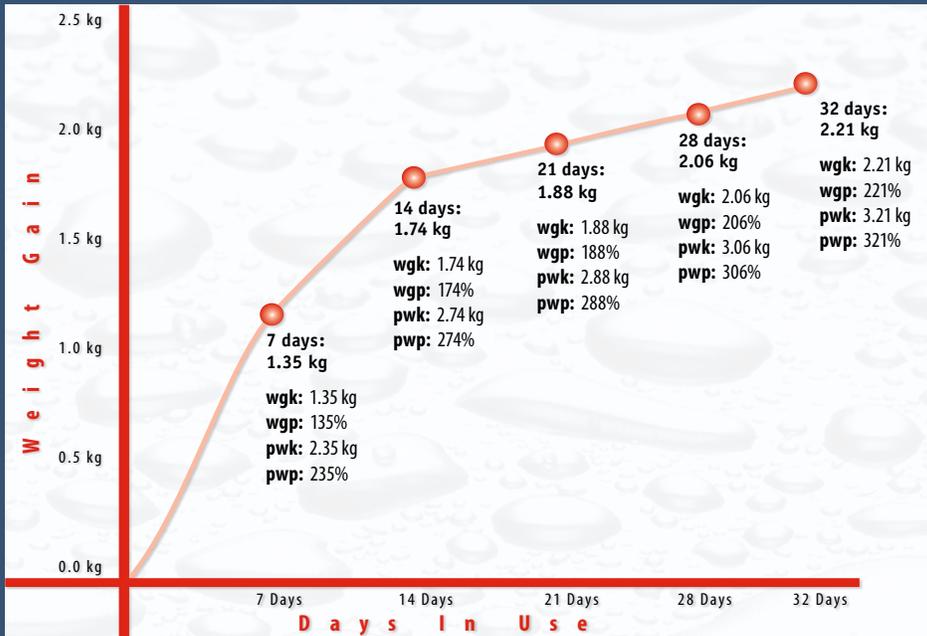
Explanation of Notations:

wgk = weight gain in kilos (kg) from absorption

wgp = weight gain as % of original dry weight (1.0 kg)

pwk = present weight in kg (dry weight plus weight gain from absorption)

pwp = present weight as % of original dry weight (1.0 kg)



HOW TO INSTALL THE ABSORGEL® BAG TO HANG VERTICALLY



1 Be careful not to cut into the AbsorGel Bag when cutting open the protective sleeve with a scissor.

2 Slide the wider flange part on the hook bar into the slot at the top of the AbsorGel Bag.

3 Once the hook bar flange is fully inserted, hold the hook bar at the bottom and lift the AbsorGel Bag towards the D-ring in the container.

4 Turn the open end of the hook towards the D-ring and hang.

5 Once the hook is placed into the D-ring, the AbsorGel Bag hangs securely. Proceed to hang the next AbsorGel Bag.

HOW TO INSTALL THE ABSORGEL BAG TO HANG HORIZONTALLY



1 When hanging the AbsorGel Bag horizontally, use the two zip ties provided. Insert one into the blue eyelet.

2 Then lift the bag up, insert the zip tie through the container D-ring and close the zip tie.

3 The AbsorGel Bag now hangs vertically with one zip tie.

4 Put the other zip tie through the grommet at the other end of the AbsorGel Bag.

5 Lift this end up to another D-ring on either side of the first D-ring, put the zip tie through the second D-ring, then close the zip tie. The AbsorGel Bag now hangs securely. Proceed to hang the next bag.

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Securing Your Containers. Protecting Your Cargo.
At Sea. Over Land. On Rail.™