

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 TYVEC 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 TYVEC inner tube.

Size:

5" wide x 61.5" long (130 mm x 1560 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)

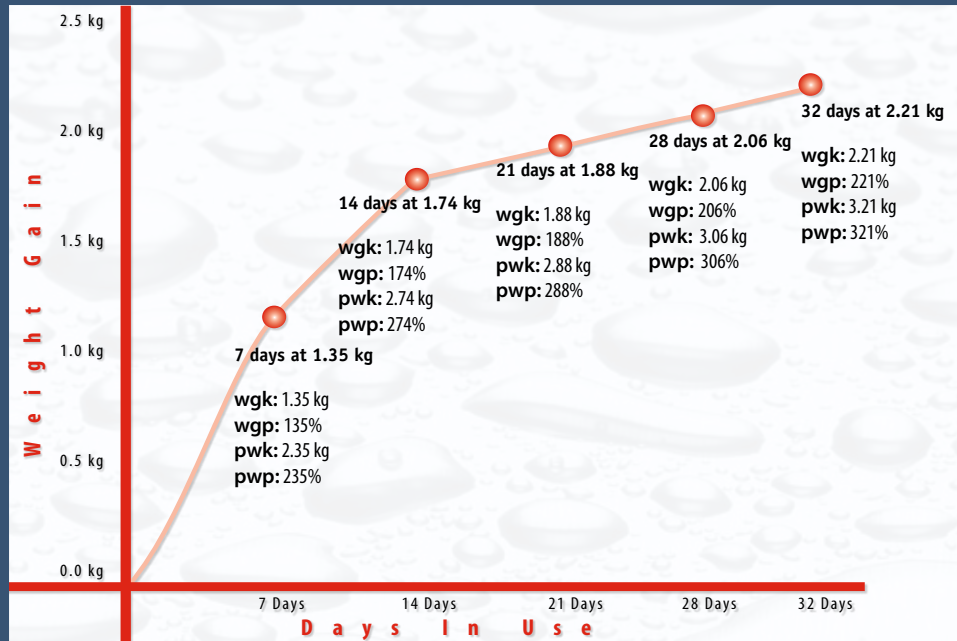
Explanation of Notations

wgk = weight gain in kilos (kg) from absorption

wgp = weight gain as % of original dry weight (2.0 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

1



The ABSORGEL™ BAG is designed to hang in the loops located at the top of the container wall panels when the cargo load configuration allows 1" space (25 mm) between the cargo and the sidewalls--and is not loaded higher than 2" (50 mm) from the ceiling.

2



Remove the ABSORGEL™ BAG from its inner liner and unfold it to its full length. If the box is bulk lined for 10 ABSORGEL™ BAGS and not all are used, remember to re-close the liner bag in the box.

3



Twist the hook off from the back of the ABSORGEL™ BAG...

4



and fit it on the back non-printed side...

5



by pushing it up in the slots until you hear a click.

6



Hang the ABSORGEL™ BAG by placing the hook onto the steel loop above the corrugations on the wall panels of the container.

7



Push down on the hook until the hook is all the way down on the loop.

8



Make sure the wall surface is clean, then remove the paper covers from the sticky pads and press bag gently against wall.

BUFFERS USA™ 

Securing Your Containers. Protecting Your Cargo.

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