



ABSORBAG

# Power Desiccants for shipping containers

Shipping products around the world subjects them to different temperatures and humidity conditions. These variations set the stage for moisture to damage cargo. Absorbag™ protects your cargo and eliminates the damaging effects of moisture such as corrosion, mold, mildew, peeling labels, wet packaging material and bad odors.

## Absorbag™

Absorbag is based on the proven ability of calcium chloride to aggressively remove moisture from the air.

Absorbag is easy to use and is designed to hang within a corrugation recess of the container side panel. Minimal space is occupied and accidental damage from forklifts during stuffing and un-stuffing is avoided.

## How Absorbag works

Absorbag is activated once it is removed from its sealed package. The calcium chloride, at the top of the bag, immediately starts to absorb moisture from the surrounding air.

The desiccant material gradually dissolves into brine which is captured in a collector bag. Once captured, the moisture will not re-evaporate into the air.

## Performance

Absorbag has a large absorption area as water can be absorbed from both sides of the bag. This results in a very high absorption rate.

The absorption characteristics of calcium chloride provide Absorbag with a superior absorption capacity, even at low humidity levels, and the ability to effectively protect cargo through the entire voyage.

## Typical applications

- Agricultural products
- Textiles and leather
- Wood and paper products
- Plastics, glass and metals
- Electronics and machinery
- Automotive parts
- Canned goods

## Patented solution

Absorbag is protected by foreign and US patents including US Patent No. 6, 273, 942

## Technical specification

Weight: 1.6 kg / 3.5 lb

Size: H 1300 mm / W 130 mm / D 55 mm  
H 51.2 in / W 5.1 in / 2.2 in

Working temperature: -20° C to 90° C  
-4° F to 149° F

Collection capacity: 2.25 liters

Absorbent: 1.5 kg / 3.3 lb calcium chloride

Pallet quantity: 320

## Units needed

Generally, 2–6 bags are required for 20-foot containers and 4–10 bags for 40-foot containers. The number may vary depending on the length of the voyage, the range of temperatures encountered and the type of cargo protected.

## Disposal

Absorbag is made only of PE/PP plastics and salt, which are non-toxic and recyclable. Absorbag is a one-time product and can be disposed with regular waste.

## Why Absorbag?

- Easy to install and remove
- Superior absorption rate
- High absorbance – fewer bags needed
- Very cost effective
- Long lasting, protects throughout the entire voyage
- No loss of load space
- Environmentally friendly, no toxic materials

## Who to contact

Absortech™ products are sold globally through a wide network of distributors.

Find one near you at:

[www.absortech.com](http://www.absortech.com)