

Absorbag

high absorption with water collector

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

The Absorbag is easy to use and designed to occupy minimal container space with full functionality. Absorbag's high performance and long lasting absorption rate offers efficient protection for long shipments.

How the Absorbag works

The Absorbag starts working as soon as it is removed from its transparent sealed packaging. Once activated, the calcium chloride stored in the top portion of the Absorbag (see picture reference ❶) starts to absorb moisture from the surrounding air immediately. Install the Absorbag on the container lashing ring by hanging it with the provided hook.

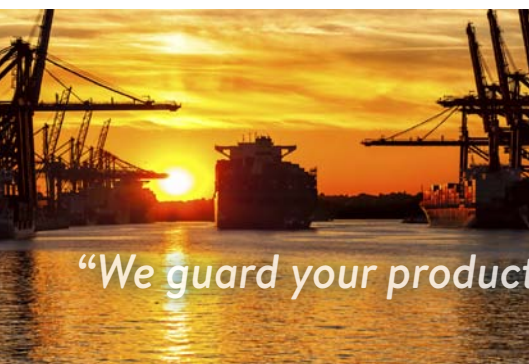
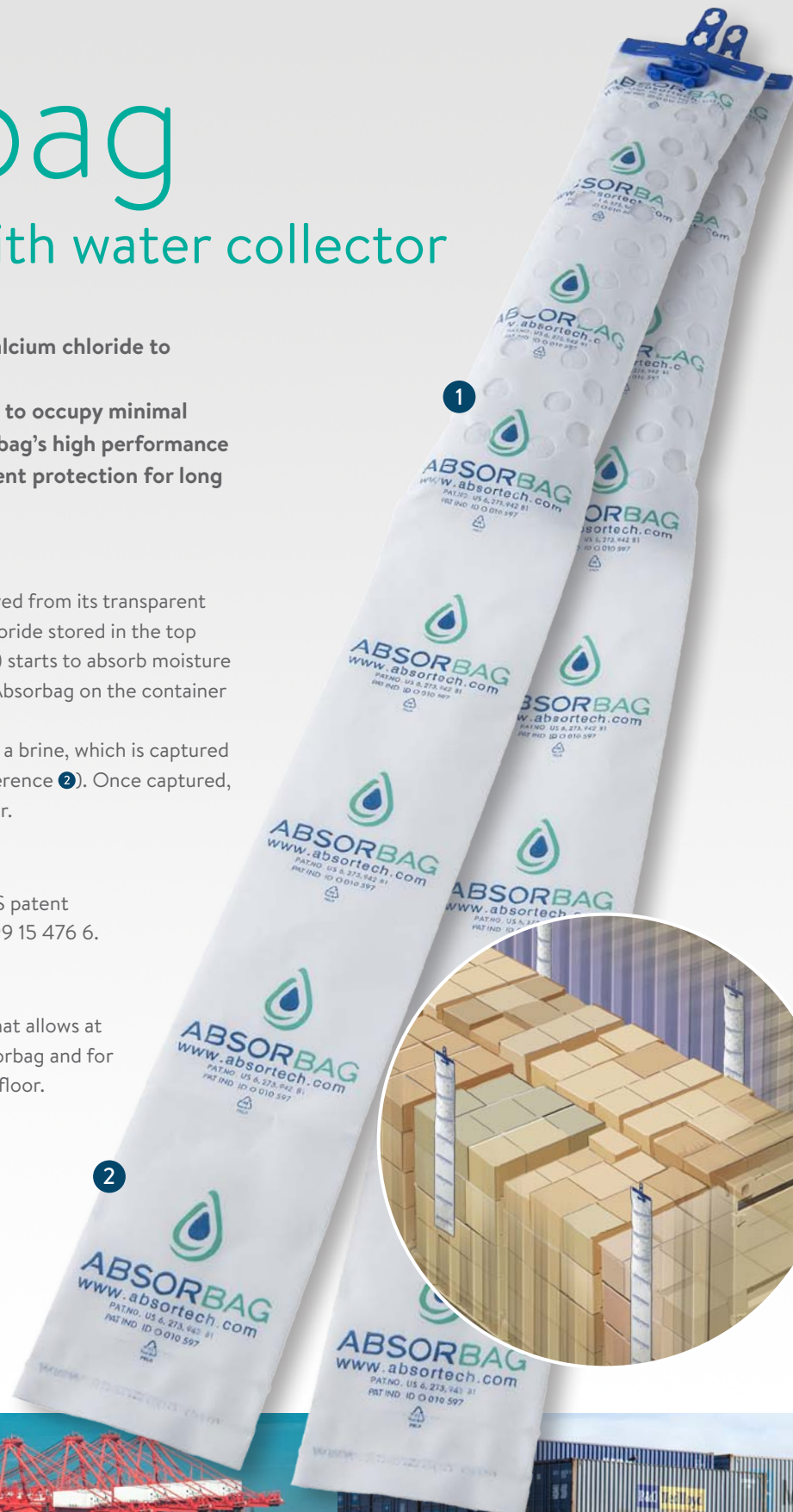
The absorbed moisture gradually dissolves into a brine, which is captured in the lower part of the Absorbag (see picture reference ❷). Once captured, the moisture will not re-evaporate back into the air.

A patented solution

The Absorbag is protected by patents including US patent number 6 273 942 and German patent number 699 15 476 6.

Typical applications

The Absorbag can be used for any type of cargo that allows at least 10 cm space between the cargo and the Absorbag and for cargo not loaded higher than 1.5 meters from the floor.



"We guard your products from moisture"

Absorbag effectively protects:

- Agricultural products
- Metal products and machinery
- Automotive components
- Textiles and leather
- Wood and paper products
- Furniture
- Plastics and glass
- Canned products

Units needed

Approximate number of Absorbags needed to protect your cargo:

Container size	Dry cargo	Wet cargo
20 ft	4-6	8-10
40 ft	8-12	16-20

The quantity needed will vary depending on various factors such as shipment time, climatic conditions during the shipment, air volume in the container, type of packaging used, cargo type etc.

We can assist you to calculate the exact number of Absorbags you need in your specific circumstances.

Disposal

The Absorbag is a single-use product and can be disposed as regular waste. The calcium chloride is non-toxic and the polyethylene (PE) and polypropylene (PP) plastics are recyclable.

Why Absorbag?

- High capacity, fewer units needed
- Cost-effective
- Easy to use
- No re-evaporation of absorbed moisture
- Long-lasting which protects cargo throughout their journey
- No loss of cargo space
- Environmentally friendly, no toxic materials

Product specifications:

Dimensions

Length: 1,250 mm Width: 135 mm

Depth: 50 mm

Weight: 1.5 kg

Working temperature: -20° C to +80° C

Absorbing medium: Calcium chloride
(CAS registry number 10043-52-4)

Absorption capacity: Up to 2.25 liters

DMF free—RoHS compliant—REACH compliant



Absortech exclusively focuses on products and services that help our customers avoid moisture damage. Since 1991, we have developed a range of products and offer innovative technology for moisture protection in containers. We maintain control end to end in the chain from product development, manufacturing and delivery of the right product at the right place.

Absorbag is part of Absortech's range of high-performance products for preventing moisture damage during transport.

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