

Absorpole®



Get high absorption
with this impact-resistant
water collector

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

Absorpole is easy to use and designed to occupy minimal container space with full functionality. It comes with a strong impact-resistant, protective plastic casing. Absorpole's high performance and long-lasting absorption rate offers efficient protection for long shipments.

How Absorpole works

Absorpole is activated by pulling out the inner grey container. The calcium chloride stored in the top portion of the pole immediately starts to absorb moisture from the surrounding air.

As the calcium chloride absorbs moisture, the desiccant material gradually dissolves into brine. This absorbed moisture will be trapped in the blue collector below. Once captured, the moisture will not re-evaporate back into the air. The collector is impact resistant for added protection in the event of shifting cargo.

Install Absorpole on the container lashing ring by hanging it with the provided hook.

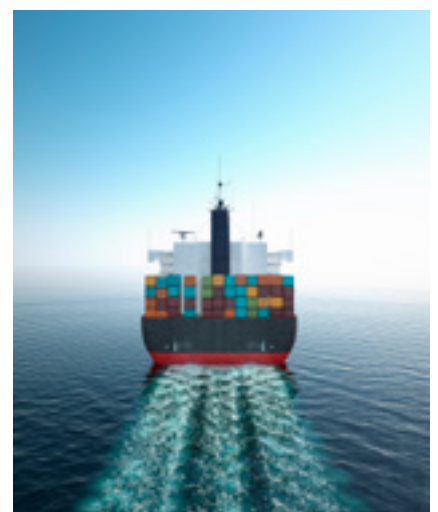
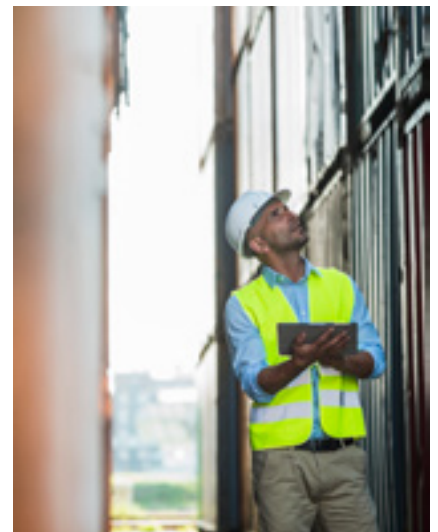
Absorpoles occupy minimal loading space by hanging within the corrugated recesses of the container wall. This also minimizes the risk of accidental damage from forklifts during loading and unloading.

A patented solution

Absorpole is protected by patents including US patent number 6 899 749 and German patent number 201 22 752.

Typical applications

Absorpoles can be used for any type of cargo that allows at least 5 cm space between the cargo and the Absorpoles. Therefore, they work particularly well in tightly-packed containers.



Absorpole effectively protects:

- Machinery
- Electronics
- Automotive components
- Consumer goods
- Agricultural products
- Textiles and leather
- Wood and paper products
- Plastics, glass and metals

Units needed

Approximate number of Absorpoles needed to protect your cargo:

Container size	Dry cargo	Moist 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 Absorpoles you need in your specific circumstances.

Disposal

Absorpole 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 Absorpole?

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

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absortech.com



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

Certified Partner of Absortech:

BUFFERS USA 

904.696.0010 • sales@buffersusa.com

Product specifications:

Dimensions when activated

Length: 1,180 mm / Width: 116 mm /

Depth: 35 mm

Dimensions when packed

Length: 640 mm / Width: 116 mm /

Depth: 35 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 liters

DMF free

RoHS compliant

REACH compliant

