

Absorpole

high absorption with impact resistant water collector

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

The 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 the Absorpole works

The Absorpole is activated by pulling out the inner grey container. The calcium chloride stored in the top portion of the pole (see picture reference 1) 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 (see picture reference 2). 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 the Absorpole on the container lashing ring by hanging it with the provided hook.

The 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

The 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.



"We protect your products from moisture"

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

The 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, no toxic materials

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

