



ABSORPOLE

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. Absorpole™ protects your cargo and eliminates the damaging effects of moisture such as corrosion, mold, mildew, peeling labels, wet packaging material and bad odors.

Absorpole™

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

Absorpole 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 Absorpole works

Absorpole is activated once it is pulled out of its container. The calcium chloride, at the top of the pole, immediately starts to absorb moisture from the surrounding air.

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

Performance

The absorption characteristics of calcium chloride provide Absorpole with a superior absorption capacity, even at low humidity levels, and the ability to effectively protect cargo throughout 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

Absorpole is protected by foreign and US patents including Patent No.: PCT/SE01/02128

Technical specification

Weight: 1.6 kg / 3.5 lb

Size: H 1190 mm / W 116 mm / D 34 mm

H 46.8 in / W 4.5 in / D 1.3 in

Working temperature: -20° C to 90° C

-4° F to 149° F

Collection capacity: 2 liters

Absorbent: 1.2 kg / 2.6 lb calcium chloride

Pallet quantity: 230

Units needed

Generally, 4–8 poles are required for 20-foot containers and 6–12 poles 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

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

Why Absorpole?

- Easy to install and remove
- Robust and durable design
- High absorbance – fewer poles needed
- 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



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