

Absorgel[®] Pouch HIP



High absorption
inbox desiccants with
humidity indicator

Absorgel Pouch HIP is effective in controlling moisture inside of crates, cartons and other types of packaging to prevent mold, fungus, rust and other moisture related damages. The active ingredient in the Absorgel Pouch HIP is calcium chloride, which has a superior ability to absorb moisture from the surrounding air. Absorgel Pouch HIP can absorb over 8 times more than traditional inbox desiccants. The absorbed water is bound into a gel so that no liquid water is formed.

How Absorgel Pouch HIP works

Absorgel HIP comes with a transparent window and humidity indicator and starts working as soon as it is removed from its transparent packaging.

The calcium chloride absorbs moisture from the surrounding air passing in through its outer breathable packaging material on side **A** (see image on next page), which must face upwards. Side **B** which has a transparent window should face downwards. Absorgel Pouch HIP's adhesive gel ensures absorbed moisture stays in the product.

Before being activated the absorbent material will have a light color (see picture **1**). Once the absorbent material has become saturated with moisture the absorbent material will change to a dark color (see picture **2**) and should be replaced with a new desiccant.

Typical Applications

Absorgel Pouch HIP can be used for almost any type of cargo packaged in crates and cartons that requires moisture protection.



Absorgel HIP effectively protects:

- Furniture and handicraft items
- Garments
- Shoes
- Electronics
- Machine parts and mechanical equipment
- Photo equipment

Different sizes for different needs

Absorgel Pouch HIP is available in different sizes from 2 grams to 100 grams and is suitable for use in individual boxes, crates and other types of packaging.

Units needed

The quantity and size of Absorgel Pouch HIP needed will vary depending on various factors such as the size and type of the packaging, type of cargo shipped, shipment time, climatic conditions during the shipment etc. The quantity will also depend on how long the products need to be stored and protected at the destination.

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

Disposal

Absorgel Pouch HIP is a single-use product and can be disposed as regular waste. The pouches are made of non-toxic and recyclable materials.

Why Absorgel Pouches?

- High absorption capacity
- Fewer units needed and occupies less loading space
- Comes with a humidity indicator and window
- Cost-effective
- Easy to use
- Environmentally friendly, no toxic material

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

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LEARN MORE ABOUT US AT

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Product specifications:

Available sizes: 2 grams to 100 grams
Working temperature: -20°C to $+80^{\circ}\text{C}$
Absorbing medium: Calcium chloride
(CAS registry number 10043-52-4)
Absorption capacity: 200%
DMF free—RoHS compliant

