

ESORB™ HANGBAG

LOW COST CONTAINER DESICCANT FOR LESS SEVERE VOYAGE CONDITIONS



ADVANTAGES

- Protects cargo from mold, mildew, oxidation and other moisture-related packaging damage.
- Safe and non-toxic.
- Designed for use when there is no space on sides of container walls and only 150 – 200 mm of free space to ceiling.
- 100% biodegradable.
- Sewn-in hook for easy install/removal.
- Contains no Dimethyl Fumarate (DMF).
- Choice of MT (100% Montmorillonite clay) and MD models (90% Montmorillonite clay and 10% Calcium Chloride) effectively lock in trapped moisture to reduce re-evaporation and prevent oversaturation.

A CHOICE OF 2 ABSORPTION LEVELS FOR THE RIGHT MOISTURE PROTECTION FOR EVERY APPLICATION

MD - 90% Montmorillonite Clay and 10% Calcium Chloride.

MT - 100% Montmorillonite Clay adhering to Mil-D-3464E.

APPLICATIONS

For containerized cargo with low or no moisture content.

EASY TO INSTALL AND REMOVE

Designed to hang in the D-rings inside 20 ft. and 40 ft. shipping containers. Very little space required due to flat design and short length.

3 BAG WEIGHTS

A choice of bag weights to meet your specific absorption needs and container size.

PACKAGED FOR SAFE STORAGE AND HANDLING

ESORB™ HANGBAG desiccant is highly hygroscopic and will activate instantly with free moisture. For this reason desiccants are packed and shipped in a poly bag inside a cardboard box.

PRODUCT REFERENCE CHART

	MD	MT
Absorbent	90% Montmorillonite Clay, 10% Calcium Chloride	100% Montmorillonite Clay adhering to MIL-D-3464E
Absorption Capacity	90% – 100% of its dry weight at 85° F (30° C) and 90% – 100% RH (Relative Humidity)	50% – 60% of its dry weight at 85° F (30° C) and 90% – 100% RH (Relative Humidity)
Bag	Non-Woven (NW)	Non-Woven (NW)
Hook	Polyethelene (PE)	Polyethelene (PE)
Sizes	1000g, 1500g & 2800g bags. Other sizes available upon request.	30 Units (U) 45 Units (U) & 80 Units (U). 1 Unit (U) = approx. 33g in weight.

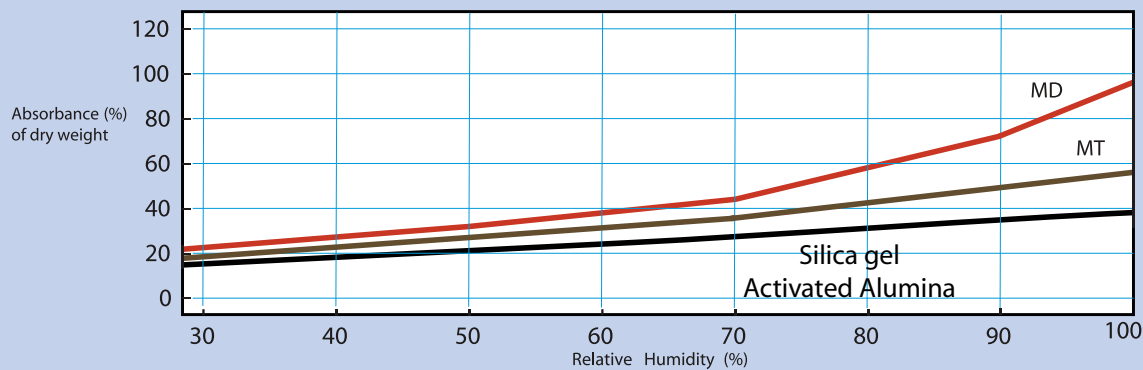
ESORB™ HANGBAG TECHNICAL INFORMATION

ABSORBENT MATERIAL USED IN ESORB™ HANGBAG

MD: Active Mineral contains 90% Montmorillonite Clay and 10% Calcium Chloride. Absorbs up to 90 to 100% of its own weight at 90% to 100% RH (Relative Humidity) at 85° F (30° C).

MT: 100% Montmorillonite Clay provides better absorption capacity than silica gel also at lower RH (Relative Humidity) levels. Made from natural Montmorillonite clay by a process of breaking, riddling and drying. Nontoxic and non-corrosive. Environmentally friendly and low cost.

The Absorption Capacity of MD and MT Desiccant Mediums Compared To Silica Gel and Activated Alumina (Aluminum Hydroxide)



NOTE: The higher absorption capacity of MD and MT compared with Silica Gel or Activated Alumina results in the need **for fewer Bags of MD and MT** compared to the number of Silica Gel or Activated Alumina bags required to provide the same absorption capability for the same container load.

NEXT GENERATION MOISTURE PROTECTION FOR CONTAINERIZED CARGO

Built In Collectors Prevent Re-evaporation of Moisture

While bag type desiccants have long been used in an attempt to control moisture inside shipping containers, there is now a more reliable and effective alternative to control moisture inside containers. Buffers ABSORPOLE®, ABSORTOP® and ABSORBAG® products use 100% Calcium Chloride for maximum absorption efficiency. For added moisture control, they are designed with built in collectors that prevent re-evaporation as well as over-saturation. This combination of Calcium Chloride and built-in collectors provides wider safety margins to protect containerized cargo during both short and long voyages under a broader range of conditions. *(Request Data Sheets For More Information)*



ABSORBAG®



ABSORTOP®



ABSORPOLE®

BUFFERS USA®

Securing Your Containers. Protecting Your Cargo.

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