

## TECHNICAL DATA SHEET



### Container Protection Mix Bag

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#### 1. DESCRIPTION AND APPLICATION

*Container Protection Mix Bags* are indicated to significantly lower the moisture content inside the containers 20/40 ft, avoiding that thermal changes cause condensation and the consequent damage to the goods placed in the Containers.

The number of bags to be used must be suitably sized according to the size of the container (20ft or 40ft) and the type of goods to protect.

#### 2. DESICCANT RAW MATERIAL

##### 2.1. COMPOSITION

Material	% in peso	CAS no.	EC / List no.
Sepiolite Clay	80 %	63800-37-3	264-465-3
Calcium Chloride	20 %	10043-52-4	233-140-8

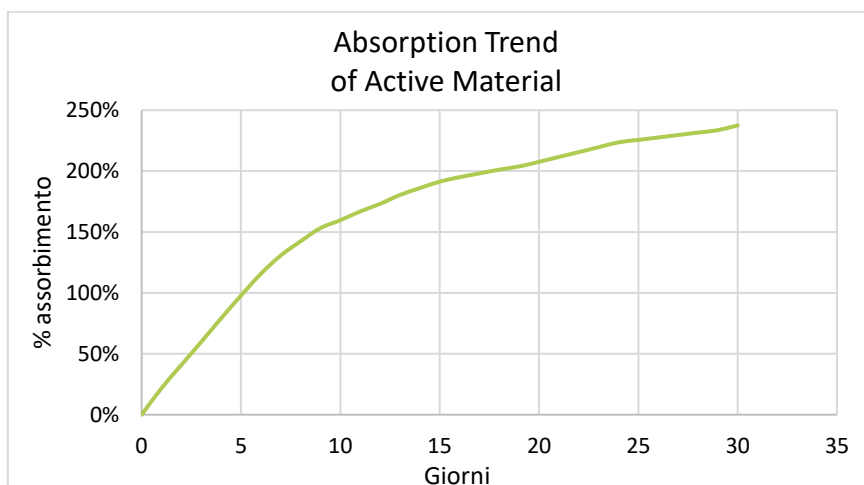
*Calcium Chloride* is the active material that ensures the high absorption of water vapour.

When *Calcium Chloride* absorbs water, it tends to liquefy.

The addition of *Sepiolite Clay* ensures that the *Calcium Chloride* that has absorbed water remains sufficiently dense and compact inside the bag.

##### 2.2. TECHNICAL SPECIFICATIONS

Property	Condition	Typical Value	UM	
Adsorption Capacity	25 ± 5 C° - RH=80% 30 days	500 g bag	≥ 240	g H <sub>2</sub> O
		1000 g bag	≥ 480	g H <sub>2</sub> O
		2000 g bag	≥ 960	g H <sub>2</sub> O
Absorption rate of the active material	25 ± 5 C° - RH=80%	1 day	≥ 22	%
		5 days	≥ 100	%
		30 days	≥ 240	%



#### 3. WRAPPING MATERIAL

The above information is the result of standardised laboratory tests and should not be considered as a particular quality guarantee of the product. The data are for guidance only in order to facilitate the choice and use of the product. The user is required to ensure the suitability and completeness of the information in relation to the use to be made of the product.

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The *Bags* wrapping is made of non-woven fabric that allows the absorption of water vapour inside the bag. This material guarantees high mechanical resistance and retains dust inside the bag.

#### 4. SIZES

The *Bags* are available in different sizes.

Bag weight [g]	Approximate width [mm]	Approximate length [mm]
500	140 ± 2	200 ± 10
1000	140 ± 2	300 ± 10
2000	140 ± 2	450 ± 10

#### 5. HANGING SYSTEM

The bags can be equipped with suspension systems to facilitate their positioning in the various points of the container:

5.1. Tape

5.2. Hook

#### 6. LABELLING

Pictogram GHS07	
Tense H319	<i>"Causes serious eye irritation"</i>

#### 7. PACKAGING

The *Bags* are packed inside sealed HDPE containment bags.

There are different configurations in terms of the number of Desiccant Bags inside each HDPE bag and the number of HDPE bags inside the box. The configurations depend on the size of the *Bags* and the needs of the customer.

#### 8. STORAGE

Store the *Bags* in the original packaging in a dry and sheltered place.

If you use a smaller number of bags than the one contained inside the protective HDPE bag, close the bag hermetically as soon as you have taken the sample.