



## NatraSorb® Bagged Sorbents

### NatraSorb Bagged Sorbents

Multisorb Technologies offers a broad range of NatraSorb Bagged Sorbents to protect against moisture damage such as deterioration, rust, corrosion, mold, mildew and other problems in a variety of packaging applications.

A wide selection of sizes, bag constructions and desiccant types allows you to choose the right NatraSorb Bagged Sorbent to suit your specific application.

NatraSorb Bagged Sorbents are available with a choice of desiccants and

desiccant blends including montmorillonite clay, silica gel, and molecular sieve.

For maximum cost-effectiveness you can choose from several bag materials including:

- Heat-sealed, coated crepe Kraft paper.
- Sewn, non-woven Rayon.
- Tyvek® spun-bonded, high density polyethylene compact NatraSorb bags provide absorption capacities equal to those of larger size bags and are available in 1/6, 1/3, 1/2 and one unit sizes.



## Advantages

- Sized to meet specific requirements
- Choice of bag materials conforming to MIL-D-3464 standards
- High strength, non-dusting Tyvek® bags available
- Wide range of desiccant types available

## Applications

- Electronics
- Machine parts
- Mechanical equipment
- Photo equipment
- Food
- Bulk chemicals
- Instruments
- Pharmaceuticals
- Shipping containers

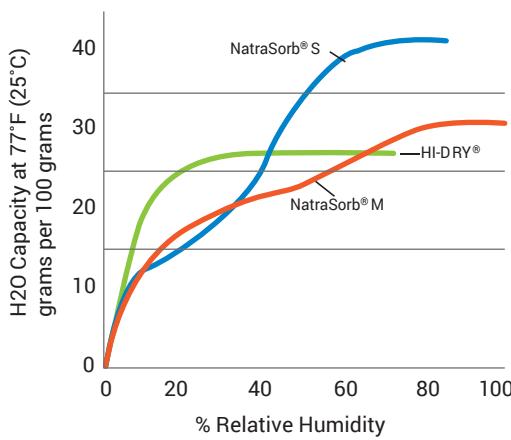
Material	Description
<b>NatraSorb® M</b> ( <i>Montmorillonite Clay</i> )	NatraSorb M is made by the controlled drying of magnesium aluminum silicate, a natural material. NatraSorb M has the advantage of being able to both take on and give up moisture repeatedly without substantial swelling or deterioration.
<b>NatraSorb® S</b> ( <i>Silica Gel</i> )	A hard, clear, porous, amorphous form of silica gel. NatraSorb S is manufactured from sodium silicate and sulfuric acid. It contains a vast number of submicroscopic pores which attract water vapor and hold it physically through surface adsorption and capillary condensation. It will absorb as much as 40% of its weight in moisture and obtain dew points as low as -100°F.
<b>Hi-Dry®</b> ( <i>Molecular Sieve</i> )	Molecular sieve desiccant is a synthetic, crystalline material composed of sodium alumino silicate activated by a network of uniform pores and empty adsorptive cavities. Where temperatures exceed 77°F and/or the critical relative humidity is below 40%, Hi-Dry has an immense capacity for moisture adsorption.

**Multisorb Technologies offers even more for your packaging applications.**

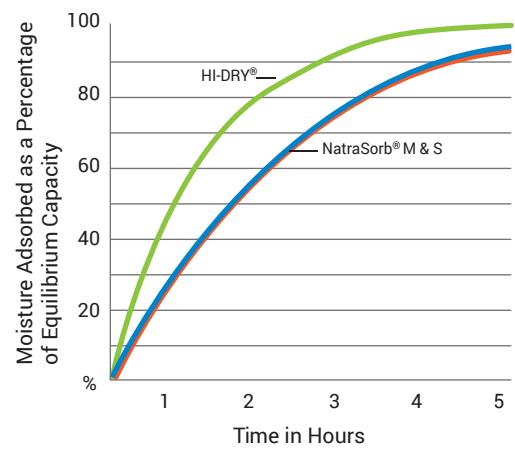
NatraSorb Bagged Sorbents are part of a full line of sorbent products offered by Multisorb Filtration Group to solve your moisture, odor and oxygen related packaging problems.



## Equilibrium Adsorption Capacity



## Adsorption Rates – 21°C (70°F) @ 80% RH





## ADDRESS

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