

NatraSorb®

Bagged Sorbents

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

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.

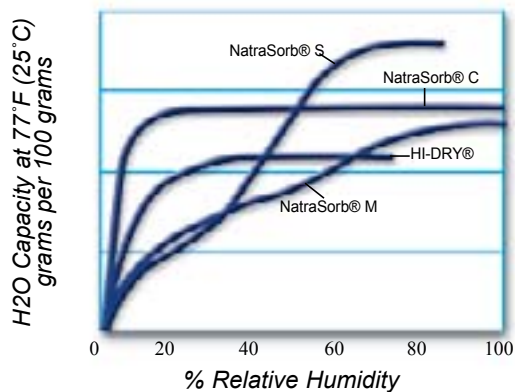
NatraSorb® Bagged Sorbents are available with a choice of desiccants and desiccant blends including montmorillonite clay, silica gel, molecular sieves and calcium oxide. For maximum cost-effectiveness you can choose from several bag materials including:

- Heat-sealed, coated crepe Kraft paper; sewn, non-woven Rayon; and Tyvek® spunbonded, high density polyethylene

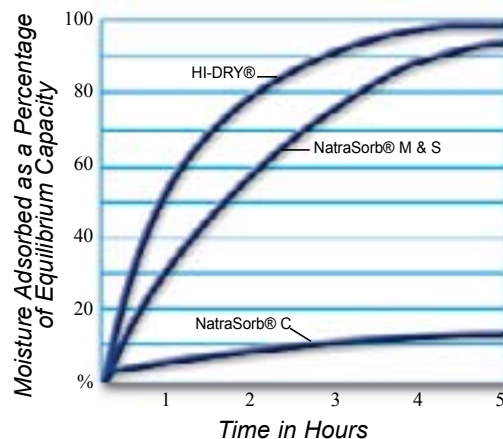


Compact NatraSorb® bags provide absorption capacities equal to those of larger size bags and are available in 1/6, 1/3, 1/2 and one unit sizes.

Equilibrium Adsorption Capacity



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



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Material	Description
NatraSorb® M (Montmorillonite Clay)	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.
NatraSorb® S (Silica Gel)	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.
Hi-Dry® (Molecular Sieve)	Molecular sieve desiccant is a synthetic, crystalline material composed of sodium aluminosilicate 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.
NatraSorb® C (Calcium Oxide)	Calcium oxide is capable of high adsorption at low relative humidities. This makes it ideal for the packaging of dehydrated substances in which product integrity must be maintained. Bag material is capable of sustaining the expanded calcium oxide, which results from 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 Technologies to solve your moisture, odor and oxygen related packaging problems.



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