

Product Sheet

DESICCANT BAGS

DESICCANT BAGS
FOR BULK
PROTECTION



Purpose

Desiccant bags protect bulk pharmaceuticals and other healthcare products from moisture during shipping and storage.

What are they?

Desiccant Bags are desiccants packaged in porous nonwoven materials – such as Dupont Tyvek® – that allow them to effectively absorb moisture inside packaging or storage containers to protect any number of products, including bulk pharmaceutical ingredients, tablets and capsules, packaged drugs and sensitive medical devices.

Why use them?

Moisture, a major pathway to product degradation, can quickly affect the stability, potency and shelf life of pharmaceuticals, as well as the accuracy of diagnostics and functionality of medical devices. Desiccant bags protect these products in bulk as they travel through the supply chain, helping to keep products safe from moisture until their final use, repackaging or distribution.

Available Configurations

Desiccant bags are available in a variety of non-woven substrates including DuPont Tyvek®. Standard bag sizes range from 5.5 grams to 2,640 grams. Desiccant bags are often sold in Units (one Unit of desiccant is equal to 26 grams of silica gel or 33 grams of bentonite).

Clariant's desiccant bags are specially manufactured to be used in healthcare applications and comply with the most significant industry regulations for contact with food and drugs.

A variety of sorbent types are available, ranging from several types of desiccants and odor adsorbers to achieve the desired conditions inside product packaging.

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Sorbent Types

Clariant Brand	Sorbent Type
Desi Pak®:	Bentonite (moisture adsorption)
Sorb-It®:	Silica gel (moisture adsorption)
Tri-Sorb®:	Molecular sieve (moisture adsorption)
Getter Pak®:	Activated carbon (odor control)
2-in-1 Pak®:	Desiccant + activated carbon (moisture and odor control)

Key Advantages

- Desiccant bags effectively adsorb moisture in product packaging to combat its damaging effects including corrosion, mold and degradation.
- Compliance to relevant industry and government standards including 21 CFR.
- Typical applications include pharmaceutical ingredients, bulk tablets and capsules, packaged drug products and sensitive medical devices.



Clariant's desiccant bags are offered in a variety of configurations for a variety of uses.

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