

Product Sheet

DESICCANT PACKETS

CLARIANT 

DROP-IN
AUTOMATABLE
DESICCANTS



Purpose

Desiccant packets protect products in a wide range of industries, including pharmaceuticals, nutraceuticals and diagnostics from moisture damage.

What are they?

Desiccant packets are small sachets that can be filled with a variety of sorbent materials and are aimed at protecting goods sensitive to moisture.

Why use them?

Water, via hydrolytic degradation, is a major pathway for destabilization of many active pharmaceutical ingredients, shortening shelf life and efficacy. Furthermore, moisture can also degrade nutritional products as well as sensitive enzymatic reagents in diagnostic devices. Desiccant packets help prevent moisture damage by adsorbing free water within package headspace as well as any moisture that gains ingress via Moisture Vapor Transmission. Desiccant packets provide a simple, dependable and economical solution for preventing moisture damage in small, sealed packages.

Available Configurations

Clariant manufactures a wide range of packets in strip and single form ranging from 0.25g to 10g. Standard and customized sizes are available.

Continu-Strip® Hole Punch Packets are wound on a reel for automatic insertion and feature a hole in each seal. The hole is the most effective way insertion equipment can detect the cut location, ensuring accurate cutting and insertion into pharmaceutical containers. Unlike other desiccant packets that are marketed to be used on specific insertion machines, Continu-Strip packets from Clariant are versatile and can be used with any packet insertion equipment on the market with minimal modifications.

Packets are produced using industry leading nonwoven materials such as DuPont Tyvek®. Desiccant packets are compliant with US FDA regulations for contact with food & drugs.

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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 packets are available in a variety of sizes and desiccant types to meet the needs of diverse applications.
- Continu-Strip® packets are available for automated packaging lines.
- A hole is punched in every seal provides—a reliable method for avoiding mis-cuts.



Clariant's packets are available in single form or Continu-Strip® for automated insertion.

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