



# Desiccant Capsules

## Purpose

To extend the shelf life and efficacy of pharmaceutical, nutraceutical, diagnostic and medical products by preventing damage from moisture and other harmful elements.

## What are they?

Desiccant capsules are small, rigid containers filled with desiccant material like silica gel and molecular sieve aimed at absorbing moisture. They can also contain fills like activated carbon, aimed at controlling odors.



*Süd-Chemie's desiccant capsules are similar to its desiccant canisters but can be molded into a variety of shapes and sizes.*



*Because of their versatility, capsules can be used in a wide range of applications, from pharmaceutical bottles to blister packaging.*

## Typical applications:

- ✓ Pharmaceutical
- ✓ Nutraceutical
- ✓ Diagnostic
- ✓ Medical
- ✓ Dental

## Why use them?

Süd-Chemie's desiccant capsules are the most widely used capsules in the pharmaceutical industry. Much like Süd-Chemie's desiccant canisters, the rigid shape of desiccant capsules is ideal for high-speed automatic insertion of rates between 300 and 600 capsules per minute.

In addition, desiccant capsules can be molded into a wide range of shapes and sizes to fit specific applications. Flat capsules, for instance, can be inserted into blister packages, while other options can be assembled directly into packaging closures.

Desiccant capsules are crimped with a special carton material at the top after filling. Their distinctive shape, as well as their ability to be manufactured in various colors with multiple printing options, clearly differentiates them from pharmaceutical tablets and pills, preventing accidental ingestion.

Unlike other capsules, which are manually inspected, Süd-Chemie's cutting-edge technology offers 100 percent quality inspection of every standard capsule. An electronic vision system rejects capsules with poor crimping, eliminating the risk of loose fill spillage.

All materials used in Süd-Chemie's capsules meet FDA and other similar global standards for direct contact with food and drugs.

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