

Capsules



Rigid Desiccants for High-Speed Automatic Insertion

Desiccant capsules are small, rigid containers filled with desiccant material and crimped with a permeable carton material at the top after filling, which can be inserted or placed inside packaging or medical devices to protect them from moisture degradation. Desiccant capsules are available in a wide range of shapes and sizes to fit specific applications. Cylindrical capsules are dropped directly into pharmaceutical bottles. Flat capsules can be inserted into blister packaging, while other options can be assembled directly into packaging closures.

Cost efficient due to a robust design:

Rigid construction facilitates continuous hopper feeding and high-speed insertion on standard insertion equipment.

Versatile sorbent materials:

Standard sorbent fills include silica gel (moisture adsorption) and molecular sieve (moisture and odors). Colorcon functional packaging also offers PharmaKeep® oxygen absorbing capsules and EQUUS® capsules fill with an equilibrium RH stabilizer.

Standard or customized:

Desiccant capsules are available in printed and unprinted formats. Standard sizes range from 0.3 g to 4 g in fill weight, and from 10.7 mm to 30.7 mm in diameter. Customized sizes and fills can be designed with our development team.



Snapped Capsules



Dropped Capsules



Desiccant capsules are available in a variety of shapes and sizes.

Due to their versatility, these capsules can be used in a wide range of applications, from pharmaceutical bottles, desiccant closures to blister packaging.



Capsules are available in different colors to better distinguish from drug products.

Desiccant capsules are compliant with US FDA and EU regulations for use in pharmaceutical, nutraceutical and diagnostic applications, and comply with US Pharmacopoeia USP <670> desiccant standards for pharmaceutical desiccants, when applicable.

Regulatory compliance may vary depending on the country and end-use application, please contact your Colorcon representative for more information.

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