

Desiccant Washer



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Desiccants Inserted Directly in the Closure

Desiccant washers are integrated into pharmaceutical closures by efficiently snapping them into standard threaded caps. Washers can also be independent of the cap allowing for easy removal, as is the case for applications involving suspension drugs that require reconstitution. The desiccant integrated into the closure absorbs any headspace moisture as well as any moisture that makes ingress into the package.

Shelf life enhancement: Desiccant washers remain in the cap, ensuring that container remains desiccated even after opening.

Tightness guarantee: The sealing will be done by the washer on the top of the bottle neck.

Avoid accidental swallowing: Dropping a loose desiccant into the packaging of pharmaceutical and nutraceutical products is not always a desired option. Desiccant washer reduces the risk of misuse by the patient.

Versatile sorbent material: Silica gel, molecular sieve, and combinations to fit specific stability requirements.

Wide range of sizes: Standard sizes include desiccant weight from 0.72 g to 4.2 g. Standard off-the-shelf or made-to-order products, plus customized options are available.



Designed to be installed directly into standard closures or customized for use in special containers, desiccant washers are discretely integrated into the container closure system.

Desiccant washer is removable before reconstitution of the suspension.

Alternative to the desiccant washer, is the snapped capsule, if the sealing between the closure and the container is done directly.



Desiccant washer 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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