

IDC[®] Integrated Desiccant Closure



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A Desiccant Closure System to Unify Global Standards

Unifying packaging standards across global healthcare markets will bring efficiency and simplification to stakeholders across the entire value chain.

In the US and European markets, there are varied sizes and approaches to standard bottles and the ways in which desiccants are integrated into them. Traditional bottle designs and their desiccant systems require the production and integration of several components.

To overcome this complexity, we have developed IDC® Integrated Desiccant Closure, which is compatible with a large range of bottles. The unique design is adaptable for use with SP 400 bottles and covers both US and European market standards, reducing the need for complex bottle packaging in each region. It also enables the pharmaceutical industry to reduce the number of components that would typically form a complete desiccant system in a bottle by integrating the desiccant into the closure.

IDC 33/400 (Integrated Desiccant Closure):

- Desiccant integrated into the bottle closure system
- Compatibility with a wide range of SP 33/400 bottles, providing flexibility when selecting a compatible bottle supplier
- Sustainability: Reduction in the number of bottle components needed

IDC is designed for bottles that protect sensitive products against humidity, including various pharmaceutical medicines which risk being spoiled by exposure to moisture.

A highly secure and convenient solution:

Located on the top of the closure, the new tamper evident system presents a color contrast between the upper and the inner cap, making the first opening obvious to the end user. The push and turn, open and reclose system are both child secure and easy to use for the broader public, including the elderly.

Primary features:

- Versatile sorbent materials can be used inside the integrated desiccant chamber, including silica gel, molecular sieve or EQUIUS®
- New tamper evident system makes it easy for end users to see if the product has been opened
- Simple push and turn opening and reclosure system which is child secure
- Once reclosed, the IDC is airtight, ensuring the in use shelf life for sensitive products

Color contrast options are available for customization, depending on order quantity order's volume.

Please contact us for more information.



IDC are compliant with US FDA and EU regulations for use in pharmaceutical, nutraceutical and diagnostic applications.



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

Contact your Colorcon representative or call:

North America
+1-215-699-7733

Europe/Middle East/Africa
+44-(0)-1322-293000

Latin America
+54-11-5556-7700

India
+91-832-6727373

China
+86-21-61982300

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