

# HAT®-B Desiccant Containers



**Colorcon®**

Working Together for a Healthier World

# HAT®-B Desiccant Containers

## Moisture Protection for Nutraceuticals and Testing Strips

Diagnostic test strip accuracy is important to support diagnostic testing and the subsequent treatment of patients. Enzymatic reagents need suitable protection from degradation caused by ambient conditions, to safeguard their diagnostic accuracy and shelf life. Many dietary supplements and probiotics also require adapted packaging to protect the active ingredients against moisture and avoid degradation.

Through expertise in packaging design for the healthcare market, HAT®-B Handy Active Tube desiccant containers have been developed. HAT-B is an active and ergonomic flip-top container to protect test strips and nutraceuticals from moisture. To meet a variety of needs, moisture protection is integrated as a raw desiccant at the bottom of the tube.

## HAT-B: Flip-Top Desiccant Container

- Closure attached to the container
- Versatile sorbent materials: silica gel, molecular sieve, active carbon, in various combinations to fit specific stability requirements
- Adjustable desiccant quantity

## Sustainability:

plastic weight optimization, packaging and waste are reduced

With an easy grip design and simple open-close features, the HAT-B active vial is convenient and has consumer appeal while enhancing product shelf life.

The product line is flexible and designed to optimally control moisture vapor transmission (MVT) into the packaging. The desiccant location at the bottom of the tube guarantees its closest position to the reactive part of the test strips, for the highest in use efficiency. The desiccant adsorbs headspace moisture as well as any external moisture that may ingress during the product's shelf life. This feature guarantees desiccant integrity and the absence of dust.



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

## Primary features:

- Compatible with automated filling lines
- Easy handling
- Plastic weight reduction and optimization
- Customizable sorbent & adjustable desiccant quantity
- Food contact compliant
- In-use effectiveness: the desiccant location at the bottom of the tube guarantees the closest position to the reactive part of the test strips for a highest in-use effectivity
- Standard configurations available:

| Name  | Type  | Dimensions                | Sorbent   | Quantity |
|-------|-------|---------------------------|---|----------|
| HAT-B | Vials | 30 × 53 mm<br>30 × 107 mm | Molecular sieve<br>Silica gel<br>Active carbon<br>Mix of sorbents | 0-4 g    |

HAT-B Desiccant Containers are compliant with US FDA and European regulations in pharmaceutical, nutraceutical and diagnostic applications.



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