AdCap® Performance Sheet

Best performance, excellent filling, high insertion speed

AdCap® desiccant capsules are drop-in solutions for the protection of moisture-sensitive drugs. The innovative design combines benefits from both conventional desiccant capsules and canisters.

Application:
- Pharmaceuticals (solid oral dose)
- Medical devices
- Diagnostics
- Nutraceuticals

AdCap® – enhanced moisture adsorption

AdCap® provides improved moisture adsorption compared to conventional capsules thanks to the proven Sanner grid structure.

The novel design of AdCap® with its cardboard disk in the top and its grid structure in the sidewalls enables reliable moisture adsorption – wherever it is located in the container and even when turned upside down.

AdCap® adsorbs approx. 30% more humidity after 24 h compared to conventional capsules

AdCap® reliable adsorption capacity of NLT 16% applies to different climate conditions

Moisture adsorption capacity of AdCap® after 24 h for different climate conditions

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**AdCap® – designed for high-speed insertion**

The dimensions of AdCap® are equivalent to industry-leading products and designed for all common dispensing equipment.

The cylindrical and smooth shape of AdCap® allows a continuous insertion speed of between 300 and 600 pieces per minute (non-welded ends or snaps). AdCap® is non-dusting due to the use of spherical silica gel or molecular sieve. Find out more at www.sanner-group.com.

<table>
<thead>
<tr>
<th>Capsule rigidity</th>
<th>AdCap® 1 g</th>
<th>AdCap® 2g</th>
</tr>
</thead>
<tbody>
<tr>
<td>AdCap®</td>
<td>~ 300 N</td>
<td>~ 200 N</td>
</tr>
<tr>
<td>Conventional canister</td>
<td>~ 100 N</td>
<td>~ 190 N</td>
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</table>

AdCap® shows superior squeeze stability compared to conventional canisters.

**AdCap® – improved patient safety**

AdCap® helps to reduce the risk of unintentional ingestion thanks to its unique grid structure. Printing of desiccant type and weight on the cardboard ensures an easy identification and improves readability.

All materials of AdCap® comply with the relevant regulations of the FDA 21 CFR and the European Union. AdCap® is listed in a Drug Master File (DMF No. 25757) at the FDA.

**AdCap® – for immediate protection**

AdCap® offers optimum moisture protection right after filling.

By using different desiccant types and blends, you receive a drop-in solution that is exactly tailored to the characteristics and applications of your product.

For available formats and product specifications please contact our sales offices.

Dry atmosphere inside the container right after filling.