Sanner – Effective Drug Protection with Drop-In Solutions
You have invested a lot of time in research and development to create a perfect product. This is why it deserves only the best packaging solution.

By asking the right questions, Sanner supports you in achieving a safe, timely and cost-effective market launch of your products.

AdCap® – reliable moisture and odor protection

AdCap® is the new generation of desiccant capsules for moisture and odor protection. The innovative design of the grid structure in the capsule wall makes sure that moisture and odors are optimally adsorbed right after filling.

AdCap® Key Facts

- The cylindrical and smooth shape of AdCap® allows a continuous insertion speed of between 300 and 600 pieces per minute.
- AdCap® shows superior squeeze stability compared to conventional canisters.
- AdCap® helps to reduce the risk of unintentional ingestion thanks to its unique grid structure.
- All materials of AdCap® comply with the relevant FDA 21 CFR and EU regulations. AdCap® is listed in a Type III Drug Master File (DMF No. 25757) at the FDA.

- Printing of desiccant type and weight on the cardboard ensures an easy identification and improves readability.

<table>
<thead>
<tr>
<th>Filling Medium</th>
<th>Moisture Management</th>
<th>Moisture / Odor Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 g</td>
<td>0.13 x 0.13 mm</td>
<td>10% silicagel 6% activated carbon</td>
</tr>
<tr>
<td>2.0 g</td>
<td>0.16 x 0.16 mm</td>
<td>2.0 g 19.3 x 15.8 mm</td>
</tr>
<tr>
<td>3.0 g</td>
<td>0.19 x 0.19 mm</td>
<td>3.0 g 19.4 x 15.8 mm</td>
</tr>
</tbody>
</table>

*Available also as blend 50% silica gel / 50% molecular sieve
All dimensions are approximate. For actual measurements please ask for the technical data sheet.

This is the service you receive every time you buy a pharmaceutical desiccant plastic packaging from Sanner.

As primary packaging experts, we stick to our promises. Challenge us and contact us to receive more information about the Sanner Atmo Guard System®.
Sanner AdCap® – Desiccant Capsules

AdCap® Moisture Management

No matter where the capsule is situated within the container, it ensures a 360 degree moisture adsorption via the upper cardboard disk and the grid structure in the capsule wall. This way AdCap® combines the advantages of common capsules and canisters in a single product and offers higher safety.

- AdCap® adsors approx. 30% more humidity after 24 h compared to conventional capsules.
- AdCap® is non-dusting due to the use of spherical silica gel (SG) or molecular sieve (MS)

AdCap® Odor Management

Residual solvents and organic impurities can lead to bad odors when opening a pharmaceutical packaging, even if the amount is below the permissible level. AdCap® activated carbon/silica gel capsules (AC/SG) successfully reduce this unwanted effect.

AdCap® AC/SG contain a virgin activated carbon granule made of coconut char, which is produced in a high temperature activation process under stringent quality specifications.

- Ideal for the removal of organic contaminants from gas streams
- Highly effective for the removal of trace-level organics and chlorine
- Highly microporous with a large surface area
- Reduced ash and enhanced purity
- Excellent mechanical hardness

Other Drop-In Solutions

Take a look at our comprehensive capsule portfolio in different sizes, printed or unprinted, or as clip-in solution.

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Sanner AdPack® – Desiccant Sachets

AdPack® – cost-effective, flat and soft

AdPack® is designed for the optimum protection of moisture-sensitive pharmaceuticals during their entire shelf life. The desiccant sachets are available as single packs or on reel, and can be filled either with silica gel or with molecular sieve. Thanks to their flat and compact design, they take up only little space inside your package. AdPack® is the cost-efficient solution to upgrade your drug packaging to a complete desiccant system.

AdPack® Key Facts

- AdPack® on reel ensures a clean pack separation through a punch hole in the seal between the packs. Filling trials show a more reliable pack separation compared with eye-mark cut signs.
- AdPack® has a distinct shape that eliminates potential confusion with capsules or tablets, thus preventing accidental ingestion.
- AdPack® complies with all relevant European and FDA regulations for contact with food and drugs and is supported by a Type III DMF (No. 031079).
- The desiccant sachets are available as single packs or on reel all over the world and are compatible with standard dispensing equipment and filling lines.

AdPack® portfolio

As a complete provider of pharmaceutical packaging solutions, Sanner also offers a broad range of bottles, containers and closures, also with child-resistant features worldwide.