



SANNER

Protecting Health.

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



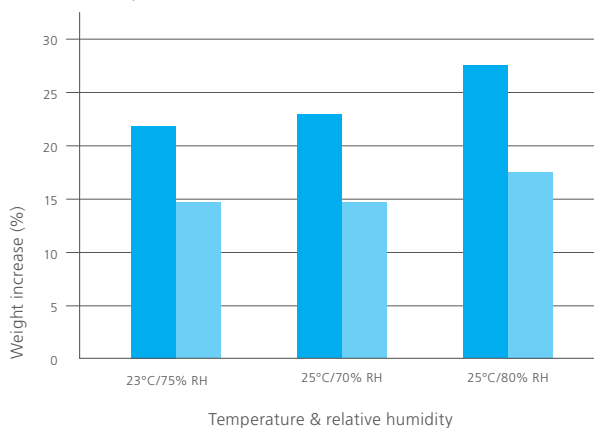
AdCap® – enhanced moisture adsorption

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

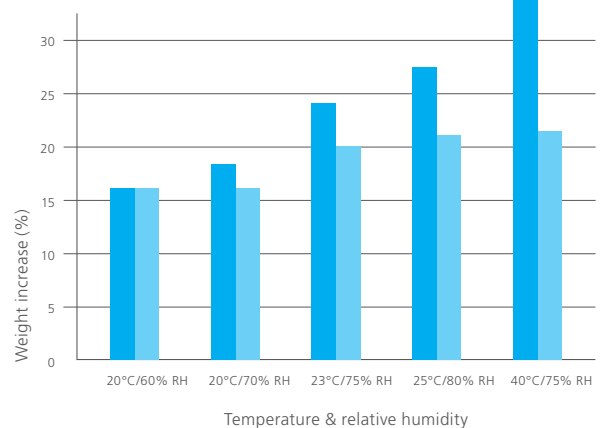
Moisture adsorption capacity of AdCap® after 24 h compared to conventional capsule



- AdCap (silica gel)
- Conventional capsule (silica gel)

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

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



- Silica gel
- Molecular sieve

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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.

Capsule rigidity	AdCap® 1 g	AdCap® 2g
AdCap®	~ 300 N	~ 200 N
Conventional canister	~ 100 N	~ 190 N

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.

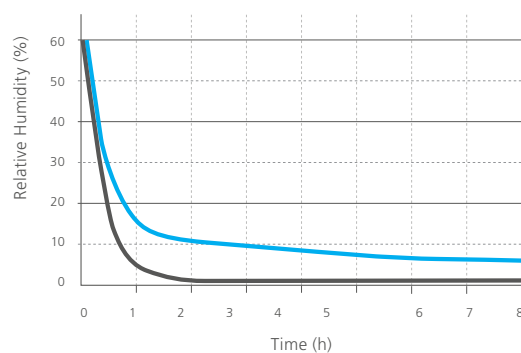
AdCap® – for immediate protection

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.

Inside atmosphere over time



■ Silica gel
■ Molecular sieve

Dry atmosphere inside the container right after filling

Samples & Material Safety Data Sheets informing about necessary safety precautions when handling or storing Sanner products are available upon request.

This information corresponds to our current state of knowledge and serves as a general description of our products and their possible applications. Sanner makes no express or implied warranty regarding the information's accuracy, adequacy, completeness or absence of faults, and assumes no liability regarding the use of this information. Each user of this product is responsible for determining the suitability of Sanner products for his particular application.

In addition, the following applies to sales to customers located in the United States and Canada: Sanner makes no express or implied warranty regarding the merchantability, suitability or fitness for a particular purpose of any product or service. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products might change. Material Safety Data Sheets informing about necessary safety precautions when handling or storing Sanner products are available upon request and are provided in compliance with applicable law. Please make sure you obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Sanner.

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