



Introducing Avanti

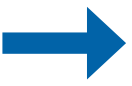
Instant mixing solution for next generation on-the-go probiotics

Delivering Stable Probiotics On-the-Go

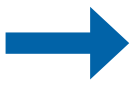
Leveraging active material science innovations to enhance user experience and expand market opportunities



PUSH



SHAKE



DRINK

(rev. 12.2023)

UNIQUE INSTANT MIXING ACTIVE PACKAGING SOLUTION FOR POWDER-BASED PROBIOTICS

Controlling moisture exposure is a critical component of maintaining probiotic potency to meet end of shelf life label claims. Aptar CSP Technologies' Avanti active cap is a next-generation solution to protect probiotic powders delivered in an on-the-go mixology format.

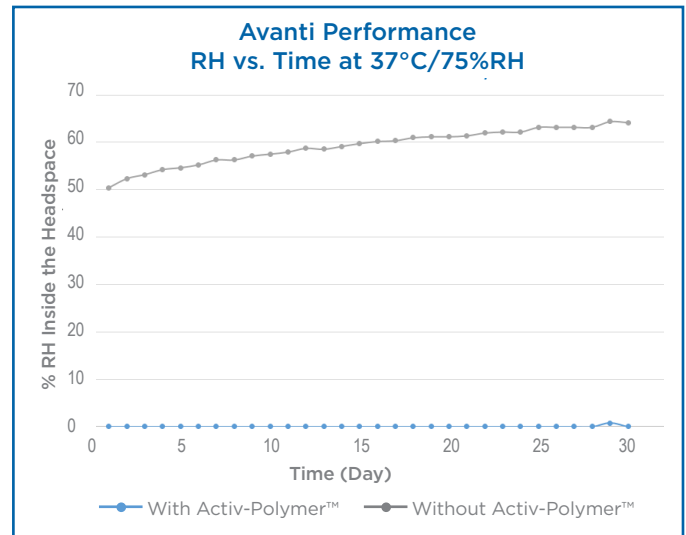
How it Works

Avanti incorporates CSP's patented Activ-Polymer™ technology as an internal molded part inside the cap. Dry powder probiotics are stored in the cap, which is attached to a water bottle. The Activ-Polymer™ component adsorbs moisture over time to keep the powder dry from point of packaging through use, maintaining product potency and integrity. The product is protected until the user presses on the cap, releasing the powder contents into the water bottle for reconstitution and ingestion.

Benefits

- **Extend shelf life, enhance stability and efficacy:**
Unparalleled protection to adsorb moisture extends shelf life performance and maintains potency.
- **Improved freshness**
Product mixed at point of consumption assures freshness and maintains flavor
- **On-the-go, portion controlled, all-in-one solution**
No need to pre-measure powder servings and package separately with water
- **Trusted solution for the probiotic industry**
The same Activ-Polymer™ technology deployed to create Avanti is trusted by leading probiotic brands to extend shelf life, maintain potency, and expand geographic reach of their products. This technology, widely used in Activ-Vial™ and Activ-Film™ formats, is now available as Avanti and NEO (molded sphere for oil-based products).

*** Avanti is currently available in China and India ***



Technical Specifications & Info

- **Material:** Cap — LDPE/HDPE
Cutter — Activ-Polymer™ technology
- **Liner:** Aluminum foil
- **Neck:** External Thread: 30 mm
Diameter: 25 mm
Height: 13.2 mm
- **Content:** Up to 8 ccs, recommend to fill 70% of full volume
- **Total Weight (assembled):** 5.65g
- **Available with and without TE**
- **Custom colors available upon request**
- **Internationally patented technology**
- **End-to-End Solution:** Ready to market full solution (Avanti + CMO capabilities) for fast implementation

