

PCM Envelope Mailer for Specialty Pharmacies

Get temperature stability in a lightweight, freight-saving alternative to EPS coolers

The TempAid PCM envelope mailer eliminates the need for EPS coolers when shipping smaller products yet require a stable payload temperature. This first of its kind solution integrates a phase change material directly into the mailer, reducing freight costs, reducing the environmental impact of packaging, minimizing the space required for parcel shipments and greatly simplifying the packing process.

The solution is durable with a spacious, expandable payload capacity and is ideal for protecting specialty medications, specimens and drug samples.

- No extreme temperature fluctuations: The solution has 2 built-in PCMs. The first changes from solid to liquid to protect from excessive heat. The second changes from liquid to solid to protect from extreme cold.
- Qualified for both ISTA 7E Summer and Winter profiles:
15°C - 25°C for 48 hours
2°C - 30°C for 144 hours
- No preconditioning required when the mailers are kept at room temperature (15°C to 25°C) before use.



DURABLE CONSTRUCTION

The envelope uses layers of PCM enclosed within an open-cell polyurethane matrix insulated pouch to protect the product. The PCM is arranged in a mat format allowing the mailer to be flexible even in its solid state, making it ideal for parcel delivery at the lowest possible cost.

PRODUCT HIGHLIGHTS

- Lowers shipping costs and minimizes the space required for CRT shipments
- Reduces pack-out error by simplifying the packing process since there is only one fully cohesive component
- Decreases packaging waste and environmental impact as no cooler, gel packs or corrugate box are required
- Envelopes are shipped in compressed bundles, which allows companies to stock inventory with ease until ready to use

QUALIFIED TO THE LATEST STANDARDS FOR SAFE HANDLING, TRANSIT & STORAGE

The PCM Envelope Mailer is designed to comply with the latest in regulations outlined by the United States Pharmacopeial Convention (USP 659) and URAC regulations.



Each are tested against the ISTA 7E Summer and Winter profiles using lane data gathered from real-world conditions and tested with several different product payload boxes and instrumented with RTD temperature monitors.



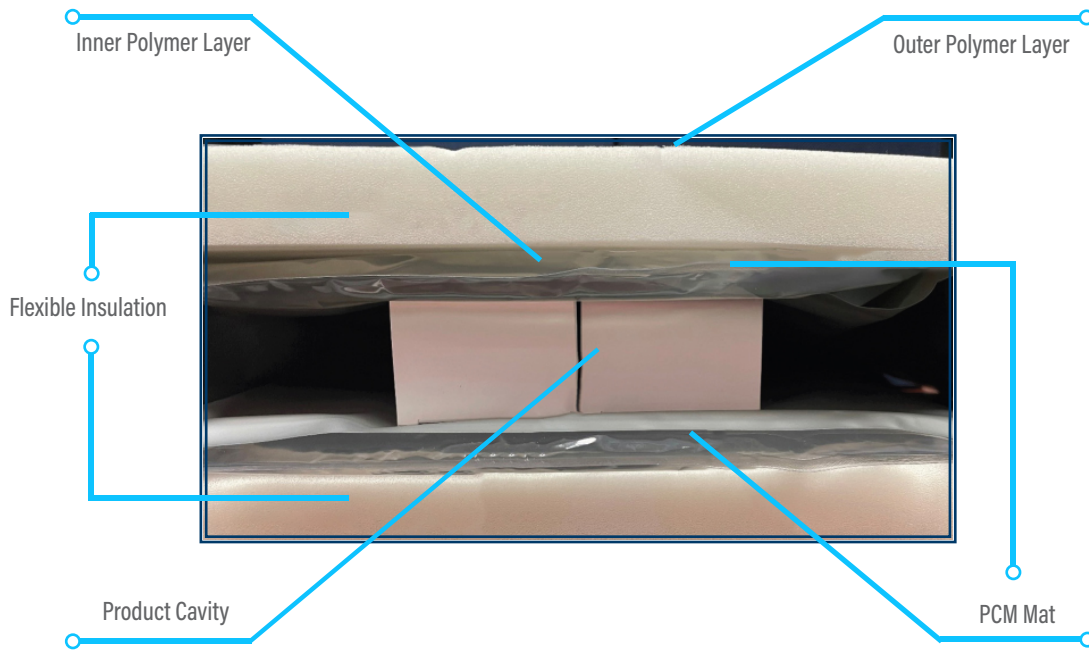
QUICK SPECS

ISTA 7E Profiles Available	Summer, Winter
Outer Dimensions	14.25" x 11.5" x 2.25"
Inner Dimensions	Approx. 5" x 4" x 2"
Temperature ranges	15°C - 25°C for 48 hours 2°C - 30°C for 144 hours
Customizable	Size, custom branding



TempAid CRT Mailers are qualified in our ISTA Certified Laboratory for temperature stability, comparative R value testing, and thermal modeling

MAILER CROSS SECTION



ABOUT TEMPAID

TempAid™, a division of Rapid Aid, Inc., manufactures a complete line of cold chain solutions designed to keep temperature stability for food, pharmaceutical, and laboratory sectors. As part of the Rapid Aid brand, the company has delivered hot and cold solutions to the market for over 40 years. Rapid Aid and TempAid currently manufacture hundreds of millions of units per year. For more information on the TempAid™ line of solutions or custom quotes, please contact us directly at 1-800-COLD-HOT or visit TempAid.

Product appearance may differ based on final configuration, size, and bundling during shipment.