



TempTrust was developed by Infitrak / Mesa Labs

Trusted leader in cold chain management

Since 2002 Infitrak (now Mesa Labs) has designed and developed comprehensive cold-chain solutions that protect a product's integrity and ensures patient and consumer safety.

The company is unique in that they are the only one with all three areas of compliance-based, temperature controlled services and products: packaging, consulting & real-time monitoring. This translates into a team that is with you all the way from raw materials to end user.



About TempTrust™ Phase Change Materials (PCMs)

Temperature consistency when a PCM oscillates between solid and liquid phases is where a truly good PCM comes in handy. It matches the temperature of the product while it is going through its phase change, making it ideal for temperature sensitive applications.

TempTrust PCMs were developed to ensure quality and safety. A;pmg with development partner, regular social compliance and quality audits are conducted.

Rapid Aid provides experienced and knowledgeable in-house regulatory staff for Quality Assurance and Quality Control. They are also a Class 1 medical device manufacturer registered with the FDA in the United States and Health Canada, along with CE and ISO 13485 certified.

All PCMs are tested, validated and qualified to control variations in temperatures that occur in transit or storage.

What makes us different?

What makes us different is our unique formula of PCM material combined with best-in-class packaging material and vacuum panels, allowing the company to create qualified packaging systems that are both durable, lightweight and compliant.





**Qualified &
Validated**

TempTrust Refrigerants

Qualified PCMs: hard gel bottles, soft gel packs & gel blankets

Soft Pouches and Hard Bottle Gels

For decades PCM gels have been the workhorses of temperature control in the shipment of temperature-sensitive products. Proven, non-toxic, and low cost.

- Sealed in a heavy duty constructed pouch or hard bottle that can be easily cleaned for reuse
- Uses a non-toxic gel that cools more uniformly and colder than ice
- PCMs and soft pouches are constructed of a durable material that can be molded prior to freezing
- Available packaging - Soft pouch and hard bottle
- Green: Disposable in standard waste stream and reusable

Gel Blankets

The gel blanket consists of pouches containing a patented formula providing superior temperature control. Each blanket can be cut and sized to the container, which allows you to use the optimum amount of refrigerant per shipment. Applications range from covering a full pallet-load to a small product cooler.

The advantage of gel blankets over standard PCMs and gel packs is the ability to wrap around a payload to eliminate thermal "dead zones" created by traditional gel packs. They are also flexible when frozen.

Multiple sizes and temperature sensitivities available

Product	Phase/Freeze Point	Dimensions
PCM Small	-18° C	5.5" x 5.5" x 1"
PCM Small	5° C	5.5" x 5.5" x 1"
PCM Small	18° C	5.5" x 5.5" x 1"
PCM Small	22° C	5.5" x 5.5" x 1"
PCM Large	-18° C	9.25" x 7" x 2"
PCM Large	5° C	9.25" x 7" x 2"
PCM Large	18° C	9.25" x 7" x 2"
PCM Large	22° C	9.25" x 7" x 2"
Hard Bottle	30° F (-1.2° C)	9.06" x 5.71" x .98"
6 oz Soft Pouch	30° F (-1.2° C)	4"x 6" (10.16 cm x 15.24 cm)
16 oz Soft Pouch	30° F (-1.2° C)	6"x 7" (15.24 cm x 17.78 cm)
24 oz Soft Pouch	30° F (-1.2° C)	6"x 9" (15.24 cm x 22.86 cm)



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