

Heat Beater

The only REACH registered and
USDA certified 100% bio-based
PCM available on the market

CONSTANT TEMPERATURE COOLING PACKS



COOL
THE
PACK



INSERTS INTO
GARMENTS
POCKET



ENJOY
IMMEDIATE
COOLING

Easily integratable bio-based PCM cooling pack.
For when exact temperatures are of the essence.nc

Our renewable bio-based Phase Change Material (PCM) cooling technology, is produced with materials of vegetable origin. Our Hi Tech PAC® products out-perform paraffin and salt hydrates PCM in a number of areas:

- Long term stability
- Improved fire safety
- Sourced from recyclable materials
- Safer handling
- High latent heat capacities

Available in 5 different temperatures:

- 6.5°C / 44°F Art. nr. HT: 1364020608 (Sport)
- 15°C / 59°F Art. nr. HT: 1364021508 (Sport)
- 21°C / 70°F Art. nr. HT: 1364022108 (Work)
- 24°C / 75°F Art. nr. HT: 1364022408 (Work)
- 29°C / 84°F Art. nr. HT: 1364022908 (Work)

Our bio-based PCM is non-toxic, 100% biodegradable, low-flammable, durable, reusable, 20% lighter than water, and do not produce condensation.

Activation: simply put the product in ice water, refrigerator or freezer of store it at a lower temperature until it becomes fully solid.

Cooling duration: 1 up to 4.5 hours = depending selected PCM temperature.

Weight: Approx. 0,35kg per insert (4 total)

Sizes one element: One pack = 15cm x 31,4cm
5,9inch x 12,36inch

Components:

Foil: Hi Tech-SEAL®

**Please order the bio-based PCM inserts (set of 4 units) separately.*

Heat Beater PACKS



When the ambient temperature rises, the PCM starts to melt

Solid PCM

During the phase transition, the PCM stores energy as latent heat, maintaining a constant temperature until the cooling product is completely melted

liquid PCM

When the PCM starts to recrystallize, it releases the stored latent heat, while maintaining a constant temperature, until all latent heat has been released

When the ambient temperature lowers, the PCM starts to recrystallize



Hi-Tech

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