## CONSTANT **TEMPERATURE COOLING PACKS**



COOL THE **PACK** 



**INSERTS INTO GARMENTS POCKET** 



**FNJOY** CONSTANT COOLING

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

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

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

## **Available in 5 different temperatures:**

• 6.5°C / 44°F Art. nr.: 1364020608 • 15°C / 59°F Art. nr.: 1364021508 • 21°C / 70°F Art. nr.: 1364022108 • 24°C / 75°F Art. nr.: 1364022408 • 29°C / 84°F Art. nr.: 1364022908

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.

1 up to 4.5 hours = depending **Cooling duration:** 

selected PCM temperature.

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

One pack =  $15cm \times 31,4cm$ **Sizes one element:** 

5,9inch x 12,36inch

Components:

**FOIL:** INUTEQ-SEAL®

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

## **PACKS**





has been released



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







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



When the ambient temperature lowers, the PCM starts to recrystallize



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