



# PAC®

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 CONSTANT COOLING

For when exact temperatures matter.

Our rugged all-round PCM cooling vest offers constant cooling and heat stress protection for professionals who need expert cooling underneath protective industrial clothing in extreme heat situations. INUTEQ-PAC® products are also suitable for medical applications where constant cooling is required.

This Bodycool Pro cooling vest performs under extreme temperatures and under every level of humidity.

Offering exact temperatures, our INUTEQ-PAC® Bodycool Pro cooling vest is often used under military combat gear, hazardous materials suits, mascot costumes and other professional apparel.

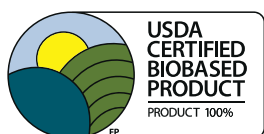
The inside of the vest is provided with 4 pockets in which our bio-based PCM cooling packs can be inserted.

Our PCM cooling packs are available in 5 different temperatures:

- 6.5°C/ 44°F
- 15°C/ 59°F
- 21°C/ 70°F
- 24°C/ 75°F
- 29°C/ 84°F

Buckles allow a tight fit. Reactivation is fast and easy: simply put the pack in ice water, freezer or fridge or store it at a lower temperature until it becomes fully solid.

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



## BODYCOOL PRO



### Available in:

**Colors:** Black **Art. nr.:** 131301

**Sizes:** S, M, L, XL, 2XL, 3XL, 4XL, 5XL

### Components:

**Outer Material:** Robust Canvas  
**Liner/Pockets:** Polyester Mesh  
**Pockets for inserts:** Four (2 front, 2 Back)  
**Adjustment:** Waist line  
**Closure:** Front Opening Zipper



**INUTEQ INTERNATIONAL B.V.**  
Osnabrückstraat 30  
7418 BN Deventer  
The Netherlands

For more info or any questions,  
please contact us at:  
Tel. +31 (0) 85 065 3797  
E-mail: support@inuteq.com



[WWW.INUTEQ.COM](http://WWW.INUTEQ.COM)

## CONSTANT TEMPERATURE COOLING PACKS



COOL THE PACK



INSERTS INTO GARMENTS POCKET



ENJOY CONSTANT COOLING

For when exact temperatures matter.

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 (Sport)
- 15°C / 59°F      **Art. nr.:** 1364021508 (Sport)
- 21°C / 70°F      **Art. nr.:** 1364022108 (Work)
- 24°C / 75°F      **Art. nr.:** 1364022408 (Work)
- 29°C / 84°F      **Art. nr.:** 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 = 15 cm x 31,4 cm  
5,9 inch x 12,36 inch

**Components:**

**Foil:** INUTEQ-SEAL®

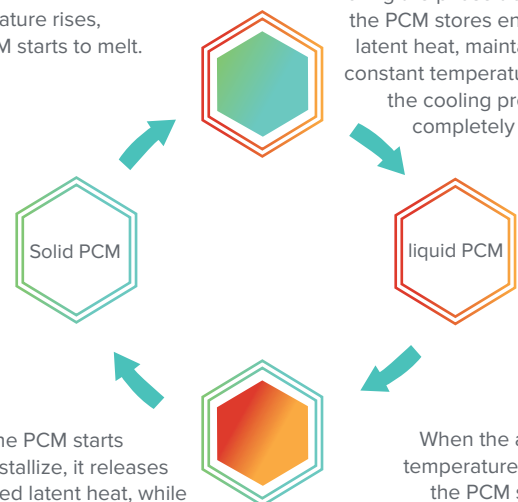
*\*Please order the bio-based PCM inserts (set of 4 units) separately.*

## PACKS



When the ambient temperature rises, the PCM starts to melt.

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 has been released.

When the ambient temperature lowers, the PCM starts to recrystallize.