

Product Specification Sheet

SIKU – Hybrid Sport Cooling Vest

Product #141301 | HS Code 6211 4390

'Athletes who precool can increase performance with 5,7% (±1%) and with percooling (cooling during exercise) with 9,9% (±1.9%). The combination of precooling and percooling technologies could be the most effective strategy to improve exercise performance in the heat, according to Dr. Thijs Eijssvogels, one of the top authorities on thermoregulation.'
*published 2015, British Journal of Sports Medicine ** Dr. Thijs M.H. Eijssvogels, Department of Physiology, Radboud University Medical Center - The Netherlands.

powered by



World Champion - Peter Sagan



Note: Each vest is prepared with special designed pockets to implement 4 INUTEQ-PAC Bio-based Phase Change Cooling Inserts (Product #131200 / #131201 / #131202).

KEY BENEFITS

Hybrid cooling solution for ultimate relief: Evaporative INUTEQ-H2O Cooling Fabric for 2-6 hours of cooling relief per soaking and INUTEQ-PAC bio-based PCM inserts maintain a comfortable 15C / 59F degrees for up to 3 hours.

- Commonly used as pre-post cooling vest by athletes with the 15C / 59F PCM-packs.

Our renewable bio-based 15C/59F - 21C/70F - 29C/84F Phase Change Material cooling technology, is derived from materials of vegetable origin and out performs paraffinic and salt hydrates PCM in a number of areas;

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

- INUTEQ Bio-based Phase Change Material (PCM) releases long-lasting, temperature specific 15C/59F - 21C/70F - 29C/84F, cooling relief.
- INUTEQ Bio-based PCM is non-toxic, low flammable, durable, reusable, 20% lighter than water, and does not produce condensation.
- The Hybrid cooling vest is antibacterial and machine-washable.

VEST

Outer Material: 100% Cotton
Core: INUTEQ-H2O technology, superabsorbent cooling material with antibacterial treatment.
Liner: Polyester
Pockets: Mesh, four (2 front, 2 Back)
Closure: Front Opening Zipper
Stock Color: White / black
Sizes: XS – 3XL
Weight: 0,45 kg
Activation INUTEQ-H2O function: Soak in water for 1 to 2 minutes, squeeze out the excess water - ready to use. This evaporative cooling function last for about to 6 hours, depending on the ambient temperature, airflow and humidity.

Phase Change Material Inserts

Configuration: 4 per Vest (2 Front, 2 Back)
Polyether TPU Material: Reverseal ECO 300
Phase Change Material: Renewable bio-based 15C / 59F - 21C / 70F - 29C / 84F
Flammability: Low-flammable
Activation PCM packs: Ice Water, Refrigerator, Freezer, or any temperature < CoolPack temp.; until fully solid
Activated Duration: 1 up to 4 hours (in 37C / 100F) depending which temperature PCM-packs
Weight: approx.0,46 kg per insert (4 total)