

Comfort garment that helps to reduce heat stress

- Reduces heat stress by absorbing heat from the body
- Can be worn underneath chemical protective clothing, turnout gear, coveralls, diving suits or daily workwear
- Integrated cooling elements for comfort and retained wearer flexibility
- Cooling elements recharge at room temperature
- Easy to dress
- Washable
- Long life time
- Available in a flame retardant version



ActivArmR™ Standard Cooling Vest, 97-609



ActivArmR™ Cooling Vest with PCM (phase change material) elements.



ActivArmR™ FR Cooling Vest, 97-610

Applications

- Chemical industry
- Diving
- Fire & Rescue services
- Military
- Mining
- Oil platforms
- Nuclear plants
- Paper mills
- Police
- Refineries
- Steel industry

PRODUCT INFORMATION

	ActivArm [™] Cooling Vest
Product description	Cooling vest with front hook & loop closure and integrated cooling elements. The vest reduces heat stress by absorbing heat from the body and thus prevents elevated body temperatures in people who work in hot environments or with extreme physical exertion. Can be worn underneath chemical protective clothing, turnout gear, coveralls, diving suits or daily workwear.
Available models	Standard and FR (flame retardant).
Material & Colour	Standard model 97-609: Knitted polyester, black FR model 97-610: Marko® flame retardant material (54% modacrylic, 44% cotton, 2% antistatic fibers), dark blue
Cooling elements	20 pcs aluminum bags with PCM (phase change material). Non-toxic, non-flammable. The cooling elements are integrated into the vest lining for comfort and retained wearer flexibility.
Phase change temperature	28 °C / 82 °F
Cooling effect, duration	@ 60 °C / 140 °F: approx. 90 minutes @ 45 °C / 113 °F: approx. 4 hours
Regeneration time	@ 22 °C / 72 °F: 2-3 hours @ 8 °C / 46 °F: 30 minutes Freezer / ice water: 5-10 minutes
Weight	Approx. 2.1 kg (4.6 lbs) incl. cooling elements.
Sizes	S/M, L/XL, 2XL/3XL, 4XL/5XL
Laundering	Yes, in water @40 °C. Do not tumble dry. PCM elements to be removed before washing.
Reusability	The PCM elements will last at least 1000 cycles of recharging, if properly maintained.
Approvals	<ul style="list-style-type: none"> The FR material is tested according to EN ISO 11612. The complete Cooling Vest is not tested nor approved as fire or heat protective garment.

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