



COOLING VEST

UNIQUE PROTECTION EQUIPMENT

The **COOLING VEST** is a comfort garment developed to prevent elevated body temperature in people who work in hot environments or with extreme physical exertion.

The "cooling" effect is obtained from the vest's 21 PCM (Phase Change Material) elements, which start absorbing heat at a particular temperature (28°C). Heat absorption from the body or from an external source continues until the elements have melted.

After use, the **COOLING VEST** has to be "charged" at room temperature (22°C) or lower. When all the PCM elements have solidified, the **COOLING VEST** is ready for use again.

Why to choose the **COOLING VEST**

- * Stored at room temperature with no loss of effect.
- * Re-charged at room temperature.
- * Cools in a pleasant way.

COOLING VEST is available in the following sizes.

Size	Chest	Article no.
S-M	84-100 cm	3020P02820
L-XL	100-116 cm	3020P02824
2XL-3XL	116-132 cm	3020P02826
4XL-5XL	132-148 cm	3020P02828

Material information:

Vest:	Polyester
Content of PCM elements	Salt mixture
PCM element packaging:	Polyester/polyamide
Weight:	2 kg



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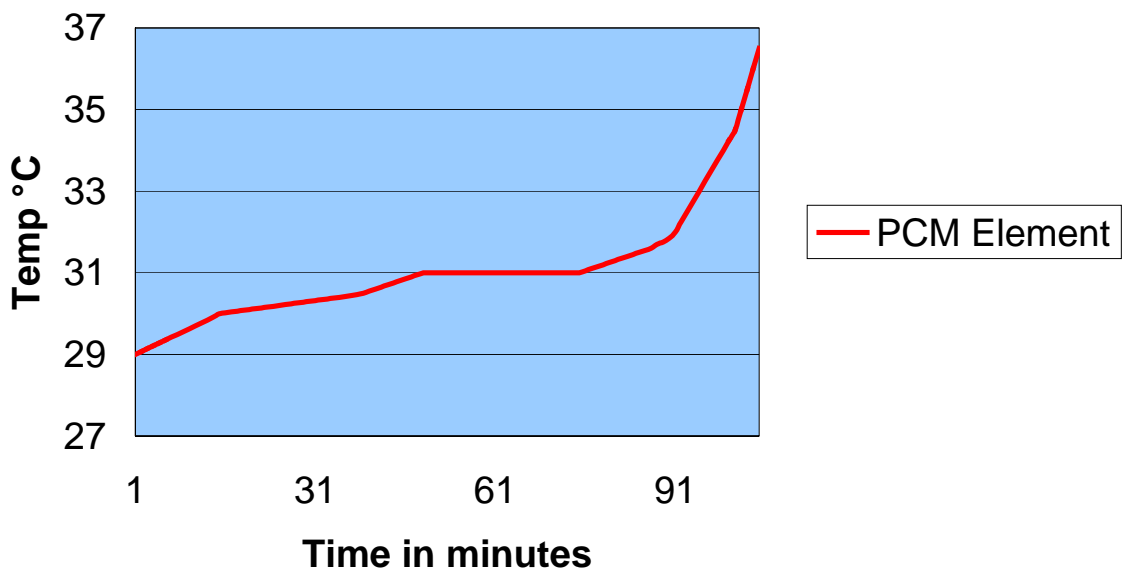
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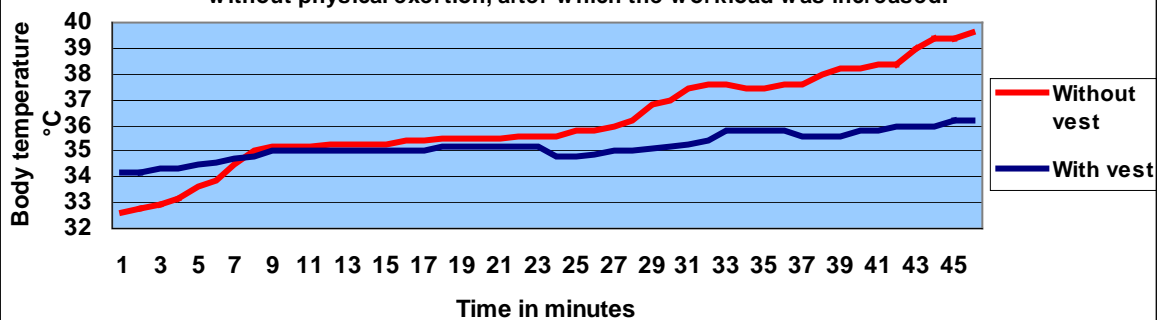
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The diagram shows the temperature of 28°C PCM elements in storage at 44 °C.



The test was performed using 2 firefighters who were dressed for smoke diving with breathing masks on. They stayed in 55 °C heat, for the first 25 minutes without physical exertion, after which the workload was increased.



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