

Dräger CVP 5220 Cooling Vest



The Dräger CVP 5220 cooling vest is a must for any work operation that involves high temperatures.



ST-4138-2005

Dräger CVP 5220 Cooling Vest



ST-4142-2005

Dräger CVP 5220 Cooling Vest open



ST-4127-2005

PCM-element CVP 5220

The Dräger CVP 5220 cooling vest helps to absorb excess body heat and offers comfort for the wearer when working in high-temperature surroundings or performing tasks that are physical enough to cause sweating. It can simply be worn underneath protective clothing such as the TeamMaster pro-ET chemical protective suit.

Its cooling action is derived from 22 PCM-elements (Phase Change Material) integrated into the cooling vest, whose primary content is sodium sulphate decahydrate. At temperatures below 22°C, the content of the PCM-elements is in a solid state. At a surface temperature of 28°C, the content of the PCM-elements becomes liquid through absorption of heat energy. At higher ambient temperatures, the raised body temperature of the cooling vest wearer can be reduced by approx. 3-4°C.

Depending on the level of physical work and the ambient temperature, the cooling benefit for the wearer of the vest can last for up to 3 hours.

An ambient temperature of lower than 22°C provokes a phase change and the contents of the PCM elements become solid again within approx. 0.5-2 hours.

The CVP 5220 cooling vest can be used in a wide range of applications. It is especially ideal for use underneath gas-tight chemical protective suits such as those from the TeamMaster series, or in industrial applications, in firefighting training, shipping, mining or blast furnace works.

Benefits:

- no need to pre-freeze the cooling elements
- very good logistics, since ready to use straight away
- easy to put on with Velcro fastening
- greater comfort through a multitude of cooling elements
- low weight
- barely combustible

Dräger CVP 5220 Cooling Vest – another quality product from Dräger Safety.

TECHNICAL DATA

Body temperature difference when using the Cooling Vest:	3-4°C, 37.4-39.2°F	
Deployment time:	Approx. 1.5 - 3 hours	
Weight complete, including cooling elements:	Approx. 2.3 kg	
Cooling surface:	Approx. 0.22 m ²	
Material (vest):	polyester	
Material (cooling element):	salt crystal mixture, packed in polyester / polyamide	
Colour:	inside: black	outside: grey
PCM elements	large: 20 pieces	small: 2 pieces
Restoration time of cooling elements:	at +20°C, 68.0°F	approx. 2 hours
	at +8°C, 46.4°F	approx. 30 minutes
Storage condition:	horizontal	
Storage temperature:	< 22°C, 71.6°F	

ORDER INFORMATION

Dräger CVP 5220 Cooling Vest, chest size:	84 - 100 cm	-> S / M	incl. 22 PCM elements	R 45 101
Dräger CVP 5220 Cooling Vest, chest size:	100 - 116 cm	-> L / XL	incl. 22 PCM elements	R 45 102
Dräger CVP 5220 Cooling Vest, chest size:	116 - 132 cm	-> XXL / XXXL	incl. 22 PCM elements	R 45 103
Dräger CVP 5220 Cooling Vest, chest size:	132 - 148 cm	-> XXXXL / XXXXXL	incl. 22 PCM elements	R 45 100

Other accessories:

PCM-element, large:	R 45 104
PCM-element, small:	R 45 105
Transportation bag (blue):	R 53 373

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