PCM 01 - Worker PRODUCTSHEET

PCM 01 Worker – COOLING VEST

The IZI Flexible PCM 01 Cooling vest is an ideal solution for everybody working in extreme heat (over 45 degrees) or humidity conditions (over 90 %). The IZI Flexible PCM's change their crystalline structure from one lattice configuration to another at a fixed and well-defined temperature . Heat is absorbed or released when the material transforms. IZI gives the customer the choice between 24 degrees or 30 degrees of flexible PCM.

IMPORTANT : IZI Bodycooling.com PCM 's are flexible and non-flammable . These are unique features compared to our competitors who use solid/liquid PCM's made of a paraffinic oil which is highly flammable & not flexible at all.

The PCM 01 Worker vest is designed for 8 pads of PCM material which need to be placed in the pockets inside the vest. For comfort reasons related to weight, the PCM pads can be varied in weight from 250 to 150 grms per piece BUT this will have impact on the cooling properties .
The exterior shell of the vest is crafted completely with flame retardant cotton fabric for durability and effectiveness . There's a zipper for front closure and velcro side patches at the waist to let you adjust the fit accordingly .

8 APPLICATED POCKETS INSIDE THE VEST :
- 4 AT FRONTSIDE
- 4 AT BACKSIDE

TO BE FILLED WITH FLEXIBLE PCM PADS, IN OPTIONS :
1. 24 DEGREES - 75 FAHRENHEIT
2. 30 DEGREES – 86 FAHRENHEIT

IZI FLEXIBLE PCM IS NON-FLAMMABLE !

COTTON BINDING AT
- ARMHOLES
- HEM
- NECK

ADJUSTABLE PATCHES AT BOTH WAIST SIDES

ADJUSTABILITY WITH VELCRO

MATERIALS USED ON THE VEST :

SHELL FABRIC	100% COTTON – FLAME RETARDANT
LINING FABRIC	100% COTTON

FEATURES :

WEIGHT	500 GRMS. (WITHOUT PADS)
	2.500 GRMS. (WITH 8 PADS; weight per pad 250 GRMS.)
	1.700 GRMS. (WITH 8 PADS; weight per pad 150 GRMS.)
COOLING TIME	24 DEGREES – 250 grms > max 4 HOURS
	24 DEGREES – 150 grms > max 2 HOURS
	30 DEGREES – 250 grms > max 4 HOURS
	30 DEGREES – 150 grms > max 2 HOURS
COOLING METHOD	Flexible PCM (Phase Change Material)
UNIQUENESS	IZI PRODUCES NON-FLAMMABLE & FLEXIBLE PCM !
FITTING	BODY CONSCIOUS (or adjustable fit)
SUITABLE FOR	SPORTS , MEDICAL , INDUSTRIAL
SIZES	SIZE 1 = S - M (chest 88 - 100 cm)
	SIZE 2 = L - XL (chest 100 - 112 cm)
	SIZE 3 = 2XL - 3XL (chest 112 - 124 cm)
	SIZE 4 = 4XL - 5XL (chest 124 - 136 cm)
MEDICAL CE	YES

Printed size indication

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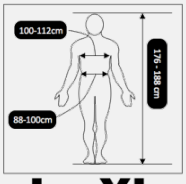

L - XL

Flex PCM