

Applications

Personal Protective Fire Blanket

Description

Personal fire blanket, lightweight body insulating 500g/m² red PCA fibre 4.5mm thick x 2m x 1.8m. These blankets are fire retardant and will not carry flame, melt or drip. This blanket is lightweight (1.9kg for 2m x 1.8m) and suitable to be kept in the car or truck, home or caravan. This product exceeds all of the performance requirements of the Australasian Fire & Emergency Service Authorities Council (AFAC) Personal Protective Blanket Specification V 1.0, 2013.

In case of emergencies like escaping from a burning building, large fire blankets can be wrapped around a person to protect them from flames and heat.



Properties

- | | |
|---|---|
| <ul style="list-style-type: none"> • USING UNIQUE PCA FIBRE • DOES NOT BURN OR MELT • CERTIFIED TO AFAC STANDARD • EXCELLENT THERMAL PROTECTION • CERTIFIED TO OEKO-TEX STANDARD 100 | <ul style="list-style-type: none"> • NON-TOXIC • ACID & ALKALINE RESISTANT • LIGHTWEIGHT • WASHABLE |
|---|---|

Technical Data

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Linear Density	2.5/3.5 den (2,8/3,8dtex)
Limiting Oxygen Index (LOI)	43% [ISO 4589-2]
Tenacity	18.0 cN/tex (2.1g/den)
Elongation	29%
Shrinkage in boiling water	0%
Alkaline Resistance	Very Good
Acid Resistance	Very Good
UV Resistance	Very Good
Solvent Resistance	Very Good
Hydrolysis Resistance	Very Good
Anti-bacterial	Excellent
Anti-fungal	Excellent
Anit-viral	Excellent
Melting point	Does Not Melt
Afterglow	None
NBS Smoke density (opacity of smoke)	0 after 4min (does not smoke) [ASTM E662-97]
Moisture Regain	12%
Water Imbibitions	45%
Oeko Tex Standard 100	Class 2 (direct skin contact)
Density	1.5g/cm ³
Continuous Heat Resistance	250°C (480°F)
Thermal conductivity (k value)	0.030 W/mK [ISO8301]

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Applications

(ability to conduct heat)	(the lower the better the thermal protection)
Thermal Resistance (R value m ² K/W)	Material Thickness [m]/0.030 W/mK
(ability to resist the flow of heat)	(the higher the better the heat resistance)
Staple lengths	10-120mm (0.8-4.5in)
Dyeable	Yes
Antimony and Halogen free	Yes
Specifications	
Fibre	PCA
Product Type	Fire Blanket
Construction	Non-Woven
Density	506g/m ²
Width	2000mm
Thickness	4.5mm
Dimensions	480x350x85mm
Temp. Rating	800°C
Finish	Natural

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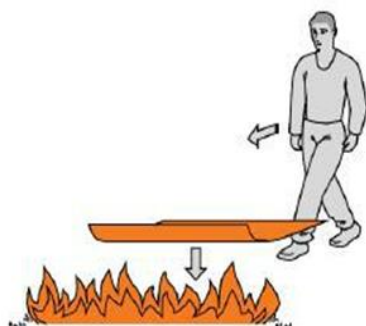
James Dar Holdings Pty Ltd (ACN 615 574 859, ABN 25 615 574 859) Trading as Darco Industries.

Applications



TO LAY UNDER IN OPEN SPACE

FOR COVER IN A CAR.
HEIGHT



TO WALK OVER FLAMES TO
ESCAPE

TO PROTECT AGAINST FLAMES AND



AT



TO EXTINGUISH A SMALL FIRE

TO PROTECT AGAINST SPARKS
TOOL



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