

Personal Protection Fire Blanket Product Data Sheet

Colan's Frontline Personal fire blankets are non woven and made from our PCA fibre, which is inherently fire resistant, will not carry flame and does not melt or drip, is acid & alkaline resistant, UV and solvent resistant.. The blanket is lightweight and suitable to be kept in a car, truck, home or caravan. The Colan PCA blanket has been tested to the AFAC Personal Protective Blanket Specification Version 1.0, 2013.

Test Method	Requirement	Result
Flame Spread ISO 15025-2000		
-Face Ignition	No Holes	Complies
	No molten or flaming debris.	Complies
	Afterflame $\leq 2s$.	Complies
	Afterglow $\leq 2s$	Complies
- Edge Ignition	Char length < 100mm	Complies
	No molten or flaming debris	Complies
	Afterflame $\leq 2s$	Complies
Heat Transfer – Flame Exposure ISO 9151		
- HTI ₂₄	≥ 17 seconds	Complies
- HTI ₂₄ -HTI ₁₂	≥ 4 seconds	Complies
Heat Transfer – Radiant Heat ISO 6942		
- t ₂	≥ 22 seconds	Complies
- t ₂ – t ₁	≥ 4 seconds	Complies
Residual Strength after exposure to radiant heat ISO 13934-1		
Heat Flux Density of 10 kW/m ²	≥ 100 N Warp & Weft	Complies
		Complies
Heat Resistance ISO 17493		
(** Tested at 260 deg C.)	No melt, drip, ignition, separation.	Complies
	Shrinkage of no more than 10%.	Complies

WEIGHT	506 g/m ² (nominal)	THICKNESS	2.5 mm (nominal)
WIDTH	2.0 mtr (nominal)	LENGTH	1.8 mtr (nominal)
PACKAGING	2 kgs – 45 x 35 x 10 cm	FINISH	Natural
COLOUR	Red	OKEO-TEX	Class 2 – Next to skin.

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