



Flame Retardant fabric for FR-clothing

FIJI

99% COTTON / 1% ANTISTATIC /

220 GSM / TWILL 2/1



Fabric name	Fiji
Fabric weight	220 g/m ² ± 5%
Composition	99% Cotton, 1% Antistatic
Full width	152 cm
Weave	Twill 2/1
Finishes	Flame Retardant
Application	FR workwear jackets, trousers and coveralls
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11612 A1 & A2, B1, C1, E3, F1	EN ISO 11611 Class 1
Anti static	EN 1149-5 (1149-3 method 2)	
Electric arc	EN 61482-1-2 Class 1 (4kA)	IEC 61482-1-1 ATPV 8.6 cal/cm ² , ELIM 7.7 cal/cm ²
Multi Risk	EN 13034:2005 + A1:2009 (optional)	

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1100 N	550 N
Tearing strength, N	ISO 13937-2:2000	23 N	27 N
Dimensional Stability To Washing, max	ISO 5077-ISO 15797	3%	
Abrasion Resistance	ISO 12947-2:1999	20,000 rubs	
Pilling Resistance	ISO 12945-2:2001	4	

COLOUR FASTNESS

			Light	Mid	Dark	Special colors
			Orange, Yellow, Red	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	Black
Wash Fastness Method E2S (95°C)	ISO 105-C06	Colour Change	4-5	4-5	4-5	4
		Stain on Polyester	4-5	4-5	4	4
		Stain on Cotton	4	4	4	3-4
Rub Fastness	ISO 105-X12:1995	Wet	3	3	2-3	2
		Dry	4	4	4	4
Light Fastness	ISO 105-B02		3	4	4	4

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