



Flame Retardant fabric for FR-clothing

VOLCANO-260

87% COTTON / 12% NYLON / 1% AS

260 GSM / SATIN 4/1



Fabric name	Volcano-260
Fabric weight	260 g/m ² ± 5%
Composition	87% Cotton, 12% Nylon, 1% Antistatic
Full Width	152 cm
Weave	Satin 4/1
Finishes	Flame Retardant, MR (Multi-Risk)
Application	Workwear jackets, trousers and coveralls
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11611 Class 1	EN ISO 11612:2015 A1, A2, B1, C1, E3, F1
Antistatic	EN 1149-5 (1149-3 method 2)	
Electric arc	EN 61482-1-2 Class 1 (4kA)	IEC 61482-1-1 ATPV 16 cal/cm ² , ELIM 15 cal/cm ²
Multi-Risk	EN 13034 (type 6 and PB [6] equipment)	

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1000 N	600 N
Tearing strength, N	ISO 13937-2:2000	29 N	40 N
Dimensional Stability To Washing, max	ISO 5077-ISO 15797	<3%	
Abrasion Resistance	ISO 12947-2:1999	28,000 rubs	
Pilling Resistance	ISO 12945-2:2001	3	

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	4-5
		Stain on Polyester	3-4	4	2-3	2-3
		Stain on Cotton	4	4-5	4	3-4
Rub Fastness	ISO 105-X12:1995	Wet	3-4	3-4	2-3	2-3
		Dry	4-5	4-5	3	3-4
Light Fastness	ISO 105-B02		3	3-4	3-4	4

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