



Flame Retardant fabric for FR-clothing

STORM-275

75% COTTON / 24% PES / 1% ANTISTATIC

275 GSM / TWILL 2/2



Fabric name	Storm-275
Fabric weight	275 ± 10 gsm
Composition	75% Cotton, 24% PES, 1% Antistatic
Full width	152 ± 2 cm
Weave	Twill 2/2
Finishes	FR, MR (W-O-A repellent)
Application	FR-clothing
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	ISO 11612 (A1, A2, B1, C1, E3, F1)	50x40°C ISO 6330
	ISO 11611 (Class 1)	50x40°C ISO 6330
Antistatic	ISO 1149-5	50x40°C ISO 6330
Electric arc	ISO 61482-2 (Class 1)	5x60°C ISO 6330
Hi-Vis	EN 20471	50x40°C ISO 6330
Multi-Risk	EN 13034	5x60°C ISO 6330

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1550*	665*
Tearing strength, N	ISO 13937-2:2000	28*	22*
Dimensional Stability To Washing, max	ISO 5077-ISO 15797	<3%	
Abrasion Resistance	ISO 12947-2:1999	45000*	
Pilling Resistance	ISO 12945-2:2001	N/A	

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	n/a	n/a	n/a
		Stain on Polyester	4-5	n/a	n/a	n/a
		Stain on Cotton	4-5	n/a	n/a	n/a
Rub Fastness	ISO 105-X12:1995	Wet	2-3	n/a	n/a	n/a
		Dry	3-4	n/a	n/a	n/a

* Tested in a non-accredited laboratory. * N/A - not applicable. www.xmtextiles.com

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