



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)	5×60°C ISO 6330
	ISO 11611 (Class 2)	5×60°C ISO 6330
Antistatic	ISO 1149-5	5×60°C ISO 6330
Electric arc	ISO 61482-2 (Class 1)	5×60°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	200*	
Pilling Resistance	ISO 12945-2:2001	N/A	

COLOUR FASTNESS

Wash Fastness Method E2S (95°C)	ISO 105-C06	Colour Change	4-5*
		Stain on Polyester	3-4*
Rub Fastness	ISO 105-X12	Wet	2-3*
		Dry	3-4*
Light Fastness	ISO 105-B02		4

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

www.xmtextiles.com

XM TEXTILES EUROPE
Dariaus ir Gireno st. 42A, Room 509
Vilnius, LT-02189, Lithuania
Tel. +370 52 078 703
info@xmtextiles.com

XM TEXTILES ROMANIA
Sos. Tamasi 20, Hala 6B, Parter,
Buftea, 070000, Ilfov, Romania
Tel. +40 31 630 3639
info@xmtextiles.com

XM TEXTILES ITALIA SRL
Via dei Notai, Blocco 23, Centergross,
40050 Funo di Argelato (BO), Bologna, Italy
Tel. +39 051 952 8202
info@xmtextiles.com