



Flame Retardant fabric for FR-clothing

SIRENA-255

55% MODACRYLIC / 32% COTTON /
7% FR POLYAMIDE / 5% PARA-ARAMID / 1% AS
255 GSM / RIPSTOP



Fabric name	Sirena-255
Fabric weight	255 ± 5%
Composition	55% Modacrylic, 32% Cotton, 7% FR Polyamide, 5% Para Aramid, 1% AS
Full width	150 ± 2 cm
Weave	RipStop
Finishes	MR (Multi-Risk)
Application	FR-clothing
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11612:2015 A1, A2, B1, C1, E3, F1	50×75°C ISO 15797
	EN ISO 11611 (class 1)	50×75°C ISO 15797
	EN ISO 15384	50×75°C ISO 15797
	EN ISO 16689	50×75°C ISO 15797
Hi-Viz	EN ISO 20471	50×75°C ISO 15797
Multi-Risk	EN 13034	50×75°C ISO 15797
Anti static	EN 1149-5 (1149-3 method 2)	50×75°C ISO 15797
Electric Arc	EN 61482-1-1 (ATPV 9,8 cal/cm ²)	5×75°C ISO 15797

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	920	850
Tearing strength, N	ISO 13937-2:2000	31	35
Dimensional Stability To Washing, max.	ISO 5077	3%	
Abrasion Resistance	ISO 13934-1:1994	25 000 rubs	
Pilling Resistance	ISO 12947-2:1999	4-5	

COLOUR FASTNESS

			Light	Mid	Dark	Special colors
			Orange, Yellow	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	Black
Wash Fastness Method E2S (75°C)	ISO 105-C06	Colour Change	5	4-5	4-5	4
		Stain on Polyester	4	4-5	4-5	4
		Stain on Cotton	4	4-5	4-5	3-4
Rub Fastness	ISO 105-X12:1995	Wet	3	3	3	2-3
		Dry	4-5	4	4	4
Light Fastness	ISO 105-B02		3	3-4	4	4

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