



Flame Retardant fabric for FR-clothing

# Selene-9

88% COTTON / 12% NYLON

320 GSM / TWILL 3/1



Fabric name	Selene-9
Fabric weight	320 g/m <sup>2</sup> ± 5%
Composition	88% cotton / 12% nylon
Full width	152 cm
Weave	Twil 3/1
Finishes	Flame Retardant
Application	Workwear light jackets, trousers and coveralls
Washing instruction	

## FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11612 A1 & A2, B1, C1, E2, F1	EN ISO 11611 Class 1	ASTM F1506
Electric arc	ASTM F1959 ATPV 14,4 cal/cm <sup>2</sup> HAF 83%	NFPA 2112	

## PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1200 N	700 N
Tearing strength, N	ISO 13937-2:2000	37 N	32 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	3-4	

## 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	4-5
		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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