



Flame Retardant fabric for FR-clothing

GEFEST-420

100% COTTON

420 GSM / SATIN 4/1



Fabric name	Gefest-420
Fabric weight	420 ±10 gsm
Composition	100% Cotton
Full width	152 ±2 cm
Weave	Satin 4/1
Finishes	Flame Retardant
Area of use	FR welders jackets, trousers and coveralls
Domestic wash	
Industrial wash	

FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11612 A1 & A2, B1, C1, E3, F1	5×60°C ISO 6330
	EN ISO 11611 Class 2	5×60°C ISO 6330
	EN 11612 D2	5×75°C ISO 15797
Arc rating	EN 61482-1-1	5×60°C ISO 6330

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1700	1500
Tearing strength, N	ISO 13937-2:2000	36	57
Dimensional Stability To Washing, max	ISO 5077	3%	
Abrasion Resistance	ISO 12947-2:1999	31,300 rubs	
Pilling Resistance	ISO 12945-2:2001	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
		Stain on Polyester	4-5	4-5	4	4
		Stain on Cotton	4	4	4	3-4
Rub Fastness	ISO 105-X12:1995	Wet	3	3	2-3	2
		Dry	4	4	4	4
Light Fastness	ISO 105-B02		3	4	4	4

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