



Flame Retardant fabric for FR-clothing

ITAKA-300

46% MODACRYL / 25% POLYESTER / 12%CELLULOSE /
8% ARAMID / 8% POLYAMIDE / 1% AS

300 GSM / TWILL



Fabric name	Itaka-300
Fabric weight	300 ± 10 gsm
Composition	46% Modacryl, 25% Polyester, 12% Cellulose, 8% Aramid, 8% Polyamide, 1% AS
Full width	152 ± 2 cm
Weave	Twill
Finishes	MR (Multi-Risk)
Application	FR jackets, trousers and coveralls
Washing instruction	

FR & SPECIAL PROPERTIES

Flame retardant	EN ISO 11611 Class 1	5×60°C ISO 6330
	EN ISO 11612 A1, A2, B1, C1, F1	5×60°C ISO 6330
Antistatic	EN 1149-5 (1149-3 method 2)	5×60°C ISO 6330
Electric arc	EN 61482-1-2 Class 1(4 kA)	5×60°C ISO 6330
Multi-Risk	EN 13034	5×60°C ISO 6033
Hi-Vis	EN 20471	5×60°C ISO 6033

PHYSICAL PROPERTIES

		warp	weft
Tensile strength, N	ISO 13934-1:1999	1100	720
Tearing strength, N	ISO 13937-2:2000	56	28
Dimensional Stability To Washing, max	ISO 5077	3%	
Abrasion Resistance	ISO 12947-2:1999	2,000 rubs	
Pilling Resistance	ISO 12945-2:2001	3	

COLOUR FASTNESS

		Light	Mid	Dark	Special
		Orange, Yellow, Red	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	HV Orange,
Wash Fastness Method E2S (95°C)	ISO 105-C06	Colour Change			5
		Stain on Polyester			4-5
		Stain on Acrylic			4-5
Rub Fastness	ISO 105-X12	Wet			4-5
		Dry			4-5
Light Fastness	ISO 105-B02				4

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