



MODERN. AGILE. ROBUST. SUSTAINABLE

Technical Data Sheet

Quality No: IELEG / HJCCG

Fabric Description

Fiber Blend	100% Cotton
Weight	240 ± 5% g/m ² (7.1 ± 5% Oz/Yd ²)
Weave	2/1 LHT
Finish	Proban FR
Full width	150 cm

Physical Properties

Construction	EPI PPI	100 52	ASTM D 3775-03a
Tear Strength (N)	Warp Weft	22 22	ISO 13937-2 Trouser shape
Tensile Strength (N)	Warp Weft	900 450	ISO 13934-1 Strip Method
% Shrinkage (After 5HL)	Warp Weft	-3.0 -3.0	ISO 6330:2000-2A Temp 60°C
Seam Slippage (N)	Warp Weft	>110 >110	ISO 13936-1
Abrasion Resistance(cycles)	Not break	>20000	ISO 12947:2 Matindale
Color Fastness			
To Washing Color change		4 4	ISO 105 C-06
		4 4	
To Water Color change		4 4	ISO 105 E-01
		4 4	
To Crocking	Dry	4	ISO 105 X-12
	Wet	3	
pH		6.0 – 7.5	ISO 3071

Functional Properties

Flame Resistance

ENISO 11612 A1,A2,B1,C1; NFPA 2112; ASTM F1506-2010a
ATPV 8.6 Cal/cm²

The data quoted is based upon specific materials and tested by source believed to be reliable and Mars make no guarantee, express or implied as to use, handling or possession of its products. There may be small difference between the American Standard, British Standard, and the ISO test methods quoted but they are same in all major respects.