

ELECTRO 12

Assured protection against Electric Arc



TECHNICAL CHARACTERISTICS

Composition	49% Modacrylic, 42% Cotton, 05 % Para-Aramid, and 03% Polyamide, 01% Antistatic
Weave	Rip Stop
Weight	250 GSM (±5%)

Parameters	Test Procedure	Warp	Weft
Tensile Strength	EN ISO 13934-1	900 N	600 N
Tear Strength	EN ISO 13937-2	25 N	20 N
Dimensional Stability	EN ISO 6330 – 60°C; Tumble Dry / EN ISO 5077	± 3%	± 3%
Heat Shrinkage	ISO 17493:2000	<5%	
Color Fastness	ISO 105 C06	Grade 3 – 4	

CARE INSTRUCTIONS



Standards	Parameters	Result
 EN ISO 11612	Flame spread: ISO 15025 (Surface Ignition)	A1
	Flame spread: ISO 15025 (Edge Ignition)	A2
	Convective Heat: ISO 9151	B1
	Radiant Heat: ISO 6942	C1
	Contact Heat: ISO 12127	F1
 EN ISO 11611	Welding Application	Class 1- A1 A2
 EN 1149-5	Electrostatic Dissipative Behavior	MET
 IEC 61482-1-2	Electric Arc Exposure	Class-1
 NFPA 70E	Protection for Electrical Safety - ASTM F 1959	12 Cal/cm ²