

MULTITEK 180 DATA SHEET

DESCRIPTION

FLAME RESISTANT AND ARC RATED - LIGHTWEIGHT

STRUCTURAL QUALITIES	Method	Specification	Tolerance
Weave	UNE 40161	Plain	
Global composition	UNE 40110	64% Viscose FR/ 35% Aramide/ 1% Antistatic	+/- 3%
Weight (g/m2)	UNE 40339	180	+/- 5%
Total width (cm)	UNE EN 1773	160	+/- 1
Usable width (cm)	UNE EN 1773	158	+/- 1

Mechanical Qualities	Method	Values
Tensile strength warp	UNE EN 13934-1	650 N
Tensile strength weft	UNE EN 13934-1	500 N
Tear strength warp	UNE EN 13937-2	15 N
Tear strength weft	UNE EN 13937-2	15 N
Pilling	UNE EN 12945-2	4
Abrasion	UNE EN 12947-2	40.000 cycles @ 12kPa

COLOUR FASTNESS	Method	Values	Remarks
Domestic and Comercial Wash	EN ISO 105-C06	4/5 - 4	60°C
Water	EN ISO 105-E01	4/5 - 4	
Dry Rubbing	EN ISO 105-X12	4/5	
Wet Rubbing	EN ISO 105-X12	2/3	
Light	EN ISO 105-B02	6	

DIMENSIONAL STABILITY TO WASHINGS	Method	Values
Warp	UNE EN 5077	< 3%
Weft	UNE EN 5077	< 3%

NORMATIVE	Level
EN 11612 Protective clothing - Clothing to protect against heat and flame.	A1 A2 B1 C1 F1
EN 1149-3 Protective clothing - Electrostatic properties - Part 3: Test methods for measurement of charge decay.	Pass
NFPA 2112 Heat and Thermal Shrinkage Resistance Test	Pass
NFPA 2112 ASTM F2700: Heat Transfer Evaluation of Flame Resistant Materials	Pass
NFPA 2112 ASTM F1930: Standard Test Method for Evaluation of Flame Resistant Clothing. Manikin Test	26.2% (3s)
NFPA 2112 ASTM D6413: Limited flame spread	Pass
ASTM F1959 Arc Rating of Materials for Clothing	9.4 cal/cm2

WASHING LABELS



FINISHES

Please check Protectivewear finishes.

COLOURS

Available in all colours ProtectiveWear [\[Check colours\]](#) "Check Availability"

APPLICATION AREAS

Electric power industry

Firefighters and Wildland Firefighters

General industry

Remarks

Colour Fastness tested on Dark Navy color (c-43109)