

MACHINE BUILDING



CERTIFICATION:

ISO 11611



ISO 11612



PASS
(Class 1 and 2)

PASS (A1, A2,
B1, C1, E1, F1)

Madeira is a flame retardant 100% cotton fabric with 320gsm density. Classic twill 3/1 weave.

ASTM F1959 (Electric Arc Rating): **HRC 2**

ATPV = 13.0 cal/cm², HAF = 81%

CARE INSTRUCTIONS:



KEEP IN COOL DRY PLACE, WITH NO DIRECT SUNLIGHT

Madeira is pure cotton flame retardant protective fabric made of long-staple pure cotton. It can be used for middleweight welders clothing as well as for different metal processing works in Heavy Machinery, Automotive, etc. Made of 100% natural fibers it is comfort to wear and at the same time Madeira safely protects from risks of Flash Fire and Electric Arc. Having ATPV (Arc Thermal Protective Value) 13 cal/cm², Madeira fr-fabric certified to HRC 2 (Hazard Risk Category, NFPA 70E). It allows to use this fabric for everyday Flame Retardant work wear like FR-pants, FR-jackets or FR-bibs and FR-overalls.

SPECIFICATION:

ARTICLE	COMPOSITION	ANTISTATIC	WEIGHT	WEAVE	FULL WIDTH	FINISHES
MADEIRA	100% COTTON	-	320 GSM / 9,4 OZ	TWILL 3/1	151 CM (±1 CM)/ 60"	FLAME RETARDANT

PHYSICAL PARAMETERS:

	YARN TYPE	TEARING STRENGTH (ISO 13937-2)	TENSILE STRENGTH (ISO 13934-1)	SHRINKAGE (ISO 6530-2000)
WARP	RING SPUN	30 N	> 1100 N	≤±3%
WEFT	RING SPUN	28 N	> 550 N	≤±3%

COLOUR FASTNESS TO:

WASHING 60°C (ISO 105 C06)		RUBBING (ISO 105 X12)		DRY CLEANING (ISO 105 D01)	PERSPIRATION (ISO 105 E04)	LIGHT (ISO 105 B02)
COLOUR CHANGE	COLOUR STAINING	DRY	WET	-	-	-
4-5	4-5	4-5	4	4-5	4-5	4

STANDARD COLOURS:

RED #128-06	ORANGE #128-07	ROYAL BLUE #128-04	HI-VIZ YELLOW #128-08	GREY #128-02
DARK NAVY #124-01	KHAKI #182-04	GREEN #128-03	YELLOW #128-11	BLACK #128-01