

MARLANPL 350

NON FLAMMABLE FABRIC



DESCRIPTION:

Protection with the lowest weight.

COLORS:

a) Standard Colors (50 mts.)



Navy blue

b) Customized colors (300 mts.)



STANDARD 100 2005AN4269 AITEX

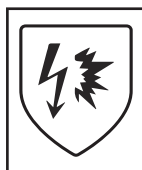


STANDARD 100 2022OK2884 AITEX

EN 11612



ELECTRIC
ARC



EN 11611



Article
MARLANPL
350

Composition	60% LENZING™ FR 20% WO 10% PA 10% TENCEL
Weave	Twill 3/1
Weight	350 g/m ² ± 5%
Usable width	157 cm

Technical Specs	Results	Standard
Heat Resistance (180°C)	PASS	ISO 17493
Limited Flame Spread (H)	A1	UNE-EN ISO 15025 (A)
Limited Flame Spread (V)	A2	UNE-EN ISO 15025 (B)
Convective Heat (s)	B1	UNE-EN ISO 9151
Radiant Heat (s)	C1	UNE-EN ISO 6942
Molten Metal Splashes (Aluminium)	D3	UNE-EN ISO 9185
Molten Metal Splashes (Iron)	E3	UNE-EN ISO 9185
Molten Metal Splashes (Cryolite) (g)	>100	UNE-EN ISO 9185
Contact Heat	F1	UNE-EN ISO 12127-1
Limited Flame Spread (American Vertical)	PASS	ASTM D 6413
Electric Arc (Elim) (cal/cm ²)	7,1	EN 61482-1-1
Electric Arc (ATPV) (cal/cm ²)	8,1	EN 61482-1-1
Electric Arc (ATPV) (cal/cm ²)	8	ASTM F1959
Electric Arc (HAF) (%)	78,2	ASTM F1959
Electric Arc (Box test)	APC 1	EN 61482-1-2
Welding and allied processes	CLASS 1	UNE-EN ISO 11611
Water vapour resistance - Ret (m ² ·Pa/W)	5,7089	UNE-EN ISO 11092
Thermal Resistance - Rct (m ² ·K/W)	0,0147	UNE-EN ISO 11092
Tensile Strength Warp (N)	1005 ±10%	UNE-EN ISO 13934-1
Tensile Strength Weft (N)	880 ±10%	UNE-EN ISO 13934-1
Tear Resistance Warp (N)	30 (-5 N)	UNE-EN ISO 13937-2
Tear Resistance Weft (N)	35 (-5 N)	UNE-EN ISO 13937-2
Dimensional Change Warp (%)	<3%	UNE-EN ISO 5077
Dimensional Change Weft (%)	<3%	UNE-EN ISO 5077

Other results

Testing done after 25 industrial washings at 60°C: 180°, A1-A2, B1, C1, D3-E3, F1.

Testing done after 50 industrial washings at 60°C: 180°, 260°, A1-A2, B1, C1, D3-E3, F1. Tensile Strength (Warp 970 N, Weft 710 N: EN 13934-1), Tear Resistance (Warp 68 N, Weft 25 N: EN 13937-2).



Rev.3

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Color Fastness		Change	AC	CO	PA	PES	PC	WO
Washing	ISO 105 C06 at 60°	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Dry Cleaning	ISO 105 D01							
Acid Perspiration	BS EN ISO 105 E04							4-5
Alkali Perspiration	BS EN ISO 105 E04							4-5
Artificial Light	EN ISO 105 B02							

		Change	Staining
Dry Rubbing	EN ISO 105 X12		4-5

		Change		Staining	
		Dry	Damp	Dry	Damp
Hot Pressing	EN ISO 105-X11			4-5	

Color fastness results on navy blue

