

MARKO AT320

NON FLAMMABLE FABRIC



DESCRIPTION:

Comfortable protection against fire and heat.

COLORS:

a) Standard Colors



Yellow HV



Navy blue

b) Customized colors (300 mts.)



STANDARD 100 2005AN4269 AITEX



STANDARD 100 2022OK2884 AITEX



Article
**MARKO
AT320**

Composition	54%MA 44%CO 2%AT
Weave	Twill 3/1
Weight	320 g/m ² ± 5%
Usable width	152 cm

Technical Specs	Results	Standard
Heat Resistance (180°C)	PASS	ISO 17493
Heat Resistance (260°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 (Iron)	E2	UNE-EN ISO 9185
Contact Heat	F1	UNE-EN ISO 12127-1
Electric Arc (Elim) (cal/cm ²)	9,48	EN 61482-1-1
Electric Arc (ATPV) (cal/cm ²)	11	EN 61482-1-1
Electric Arc (ATPV) (cal/cm ²)	12,8	ASTM F1959
Electric Arc (HAF) (%)	57,9	ASTM F1959
Electric Arc (Box test)	APC 1	EN 61482-1-2
Welding and allied processes	CLASS 1	UNE-EN ISO 11611
Antistatic	PASS	UNE-EN 1149-3
High visibility	MARKO AT320HV	UNE-EN ISO 20471
Antacid	MARKO AT320FC	UNE-EN 13034
UPF (Ultraviolet Protection Factor)	50+	UNE-EN 13758-1
Water vapour resistance - Ret (m ² ·Pa/W)	3,69	UNE-EN ISO 11092
Thermal Resistance - Rct (m ² ·K/W)	0,0217	UNE-EN ISO 11092
Tensile Strength Warp (N)	1.045 ±10%	UNE-EN ISO 13934-1
Tensile Strength Weft (N)	740 ±10%	UNE-EN ISO 13934-1
Tear Resistance Warp (N)	25 (-5N)	UNE-EN ISO 13937-2
Tear Resistance Weft (N)	25 (-5N)	UNE-EN ISO 13937-2
Dimensional Change Warp (%)	<3%	UNE-EN ISO 5077
Dimensional Change Weft (%)	<3%	UNE-EN ISO 5077



Rev.1

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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	4-5	4-5	4-5
Dry Cleaning	ISO 105 D01	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Acid Perspiration	BS EN ISO 105 E04	4-5	4-5	4	4-5	4-5	4-5	4-5
Alkali Perspiration	BS EN ISO 105 E04	4-5	4-5	4	4-5	4-5	4-5	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	4-5	4-5	4-5

Color fastness results on navy blue

