

MARKO SSH550-2

NON FLAMMABLE FABRIC



DESCRIPTION:

Comfortable protection against fire and heat.

COLORS:

a) Standard Colors (50 mts.)



Yellow HV



Navy blue

b) Customized colors (300 mts.)



STANDARD 100 2005AN4269 AITEX

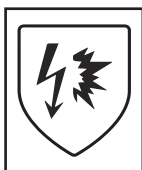


STANDARD 100 2022OK2884 AITEX

EN 11612



ELECTRIC
ARC



EN 1149-3



EN 20471



EN 13034



Article
MARKO
SSH550-2

Composition	51%MA 40%CO 4%PU 3%PA 1%EA 1%AT
Weave	Compound
Weight	545 g/m ² ± 5%
Usable width	150 cm

Technical Specs	Results	Standard
Heat Resistance (180°C)	PASS	ISO 17493
Limited Flame Spread (H)	A1	UNE-EN ISO 15025 (A)
Convective Heat (s)	B2	UNE-EN ISO 9151
Radiant Heat (s)	C2	UNE-EN ISO 6942
Contact Heat	F2	UNE-EN ISO 12127-1
Limited Flame Spread (American Vertical)	PASS	ASTM D 6413
Electric Arc (Elim) (cal/cm ²)	45	EN 61482-1-1
Electric Arc (Ebt) (cal/cm ²)	49	EN 61482-1-1
Electric Arc (Box test)	APC 2	EN 61482-1-2
Antistatic	PASS	UNE-EN 1149-3
High visibility	MARKO SSH550-2 HV	UNE-EN ISO 20471
Antacid	PASS	UNE-EN 13034
Water penetration resistance (Pa)	>100.000	UNE-EN 20811
Water vapour resistance - Ret (m ² ·Pa/W)	49,80	UNE-EN ISO 11092
Thermal Resistance - Rct (m ² ·K/W)	0,0456	UNE-EN ISO 11092
Burst Strength (kPa) - 7.3 cm ²	1998	UNE-EN ISO 13938-1
Burst Strength (kPa) - 50 cm ²	535	UNE-EN ISO 13938-1
Dimensional Change Warp (%)	< 5%	UNE-EN ISO 5077
Dimensional Change Weft (%)	< 5%	UNE-EN ISO 5077

Other results

Testing done after 50 industrial washings at 75°C: 180°C, A1, Volume Resistance (8.6*10⁵ Ohm), Tensile Strength (Warp 960 N Weft 650 N), Tear Resistance (Warp 32 N Weft 42 N), Electric Arc Class 2 EN 61482-1-2



Rev.4

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

		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

Color fastness results on navy blue

