

Article Code – SPCLCAL600SXXXX

Description – 600 GSM ALUMINIZED LONG COAT WITH MARLAN D3 FABRIC DETACHABLE BACK

Technical Specification

Workmanship & Style

1. Design Details	Front & Back Sketch
1.1) Aluminized Hybrid Long coat, front Velcro closer with leather patch attached to front for easy to open 1.2) Marlan hot metal D3 detachable back attached with Velcro with vented back 1.3) Long sleeve with large cuff with Velcro for easy on/off of gloves 1.4) Inside neck and front flaked area used cotton fabric for give smooth feeling	
2. Stitching details 2.1) Inside seam stitched with over lock 2.2) ¼” single stitch on the top of seam 2.3) Velcro attached with 1/16” single lock stitched	
3. Trims details 3.1) Kevlar® Thread for stitching 3.2) 2” Velcro used for front closing 3.3) 1” Velcro used for back panel and cuff closing 3.4) Good quality leather patch used for front	
4. Logo Details 4.1) Nil .	
5. Size details Standard Sizes – S (40), M (42), L(44), XL(46), 2XL(48) Premium Sizes – , 3XL(50) Above Tailor made size Brand – Savior® , Made in Qatar	
6. Garment Compliance	

Article Code – SPCLCAL600SXXXX

Description – 600 GSM ALUMINIZED LONG COAT WITH MARLAN D3 FABRIC DETACHABLE BACK

Technical Specification

6.1) EN ISO 11612/08 A1,A2,B2,C4,D3,E3 - EN 13688/13
7. Wash Care Instruction
7.1) <u>For marlan fabric</u> 7.2) back Washing Temperature – 60°C Industrial wash 7.3) Washing Agent – Mild detergent without Chlorine or bleaching agent 7.4) Drying – Tumble Line Dry in shadow and not under direct sunlight 7.5) <u>For aluminized coat</u> , Sponge clean Do not launder
8. Fabric Details
8.1) Front – 600 Gsm marlan aluminized fabric 8.2) Back - 300 Gsm D3 Marlan plus hot metal flame resistant Fabric 8.3)
9. Color
9.1) Silver / Orange
10. Garment Traceability
10.1) Garments are produced on batch production basis and respective batch number with bar code is heat sealed on each garment 10.2) Batch number reference is the traceability of the Garment which are controlled and maintained by customized ERP and internal QA/QC. which could subjected to any third party Audit 10.3) Individuals finished Garments that are sold and the raw materials traceability are available as a documented reports
11. Technical Deviation
11.1) Sizes as per standard sizes referred in # 5

ARTICULO – Article	MARLAN AL600
--------------------	--------------

COMPOSICIÓN – Composition	75% MARLAN 25% ALUMINIO - Aluminium
LIGAMENTO – Weave	TRIPLE TELA – Triple weave
PESO – Weight	600 g/m ² ± 5%
ANCHO – Width	145 cm

CARACTERÍSTICAS TÉCNICAS Technical characteristics	RESULTADOS Results	NORMATIVA European Norm
PROPAGACIÓN A LA LLAMA Inflammability	A1	EN ISO 15025
CALOR CONVECTIVO Convective heat	B2	EN ISO 9151
CALOR RADIANTE Radiant heat	C4	EN ISO 6942
SALPICURAS DE METAL FUNDIDO Molten metal splashes	D3 – E3	EN ISO 9185
CALOR CONTACTO Contact heat	NIVEL 1 – Level 1	EN 702
CONTRA PRODUCTOS QUÍMICOS Against liquid chemical	CUMPLE - Pass	EN 13034
RESISTENCIA A LA TRACCIÓN Tensile strength	Urdimbre -Warp: 1426 N	EN 13934-1
	Trama - Weft: 736.4 N	
RESISTENCIA AL DESGARRO Tear resistance	Urdimbre -Warp: --	ISO 4674/A1
	Trama - Weft: 113 N	
RESISTENCIA AL PILLING Pilling resistance	5.000 rev: 5	ISO 12.945/2-01
RESISTENCIA A LA ABRASIÓN Abrasion resistance		ISO 12947-2
ESTABILIDAD DIMENSIONAL Dimensional change	Urdimbre -Warp: < 3%	ISO 6330
	Trama - Weft: < 3%	

ARTICULO – Article	MARLAN PLUS 300
COMPOSICIÓN – Composition	100% MARLAN PLUS
LIGAMENTO – Weave	TAFETAN - Plain
PESO – Weight	310 g/m ² ± 5%
ANCHO – Width	155 cm

CARACTERÍSTICAS TÉCNICAS Technical characteristics	RESULTADOS Results	NORMATIVA European Norm
RESISTENCIA AL CALOR Heat resistance	180°C: CUMPLE – Pass*	ISO 17493
PROPAGACIÓN A LA LLAMA Inflammability	A1* - A2*	EN ISO 15025
CALOR CONVECTIVO Convective heat	B1*	EN ISO 9151
CALOR RADIANTE Radiant heat	C1*	EN ISO 6942
SALPICURAS DE METAL FUNDIDO Molten metal splashes	D3* – E3*	EN ISO 9185
CALOR POR CONTACTO Contact heat	F1*	ISO 12127-1
ARCO ELECTRICO Electric Arc	ATPV: 8,3 Cal/cm ² HAF: 77%	ASTM F1959/F
CONFORTABILIDAD Comfortability	Ret: 6,04 m ² Pa/W Rct: m ² K/W	UNE EN 31092
RESISTENCIA A LA TRACCIÓN* Tensile strength*	Urdimbre -Warp: 960 N Trama - Weft: 740 N	EN 13934-1
RESISTENCIA AL DESGARRO* Tear resistance*	Urdimbre -Warp: > 15 N Trama - Weft: > 15 N	EN 13937-2
RESISTENCIA AL PILLING Pilling resistance	5.000 rev:	ISO 12.945/2-01
RESISTENCIA A LA ABRASIÓN Abrasion resistance		ISO 12947-2
ESTABILIDAD DIMENSIONAL Dimensional change	Urdimbre -Warp: < 3% Trama - Weft: < 3%	ISO 6330

SOLIDECEZ AL COLOR Fastness to washing		Descarga Change	AC	CO	PA	PES	PC	WO
LAVADO Colour fastness to washing	ISO 105 C06 at50°C							
LAVADO EN SECO Colour fastness to dry cleaning	ISO 105 D01							
AGUA 37°C Colour fastness to cold water	BS EN ISO 105E0							
SUDOR ÁCIDO Colour fastness to perspiration - acid	BS EN ISO 105E 04							
SUDOR ALCALINO Colour fastness perspiration - alkali								
SOLIDEZ AL ROCE Colour fastness to rubbing	BS EN ISO 105 X12	SECO – dry			HUMEDO – wet			

* Ensayos realizados después de 25 ciclos de lavados industriales a 60°C – After pre-treatment, 25 cycles of industrial washes at 60°C

