

Molten Metal Neck Cape

PR01975SP



COMPOSITION / INGREDIENTS

Composition	100% Marlan Plus
Weave	Twill 3/1
Weight (gsm)	350 g/m ² ± 5%

EXPOSURE CONTROLS & PERSONAL PROTECTION

	Results	Standard
Heat Resistance	180° Pass, 260° Pass	EN 11612, ISO 17493
Limited Flame Spread	A1 – A2	EN 11612, ISO 15025
Convective Heat	B1	EN 11612, ISO 9151
Radiant Heat	C1	EN 11612, ISO 6942
Molten Metal Splashes	D3 – E3	EN 11612, ISO 9185
Molten Metal Slashes	>100g of Cryolite	EN 11612, ISO 9185
Contact Heat	F1	EN 11612, ISO 12127
Flame Resistance (Vertical Test)	Pass	ASTM D6413
Electric Arc	ATPV: 8,0 Cal/cm ² , HAF: 78,2%	ASTM F1959/F
Electric Arc	Class 1	EN 61482-1-2
Welding and Allied Processes	Class 2	(EN ISO 9150) EN 11611
Water Vapor Resistance	Ret: 6,0458 m ² Pa/W	EN 31092
Thermal Resistance	Rct: 0,0147 m ² K/W	EN 31092
Tensile Strength	Warp 1004 N (± 10%) Weft 880 N (± 10%)	EN 13934-1
Tear Resistance	Warp 30 N (-5N) Weft 35 N (-5N)	EN 13937-2

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EXPOSURE CONTROLS & PERSONAL PROTECTION

	Results	Standard
Pilling Resistance	5	EN 12945-2
Abrasion Resistance	> 100.000 rev	EN 12947-2
Dimensional Change	Warp < 3% Weft < 3%	EN ISO 5077

OTHER RESULTS

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

Contact Us

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