marlanplus®

MARINA
TECHNICAL FABRICS

FOR THE BEST PROTECTION AGAINST MOLTEN METAL SPLASHES

Marlan is a permanent flame resistant fabric, designed to protect against molten metal splashes for those working in the foundry industry.

Marlan meets the highest standards of European and American norms related to molten metal hazards.

According to the European Standard EN ISO 9185, this fabric has been awarded a D3, the maximum value for protection against molten aluminium splashes and an E3 for molten steel/iron splashes. Furthermore, it provides excellent protection against other molten material splashes including zinc, nickel, lead, cryolite...

The wool and flame resistant fibres give the garments excellent thermal insulation characteristics, avoiding any molten metal sticking to the fabric, the main problem for synthetic fabrics. This is still a problem for fabrics that have undergone special finishing treatments (non-durable flame resistant chemical finish or FR treated fabrics).

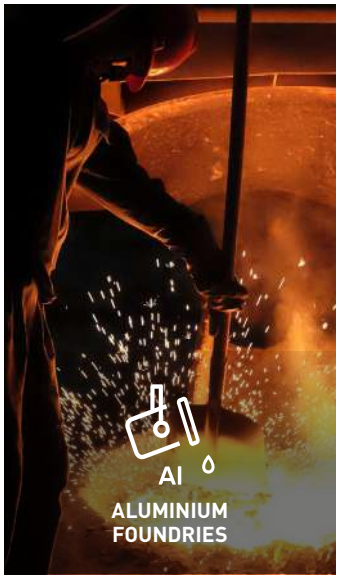
Marlan's protective properties are inherent, meaning the protection level does not diminish with use over time, nor after laundering the garment many times. The properties of the Marlan fabric remain unchanged across its entire life span.

TÜVRheinland CERTIFIED
Management System ISO 9001:2015
www.tuv.com ID 9105058485

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex® Standard 100
2005AN4269 AITEX

MAIN SECTORS WHERE THIS FABRIC IS APPLIED

marinatextil.com



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TECHNICAL FABRIC	JACKET	SHIRT	POLO	PANTS	OVERALL
MARLAN PLUS 235	○	●	○	○	○
MARLAN PLUS 350	●	○	○	●	●
MARLAN 460	●	○	○	●	●

	MARLAN PLUS 235	**MARLAN PLUS 350**	**MARLAN 460**
TECHNICAL SPECS / STANDARD	**RESULTS**	**RESULTS**	**RESULTS**
Fire & Heat EN 11612	Pass	Pass	Class 1
Flame Resistance ASTM D6413	-	Pass	-
Molten Metal ISO 9185	D2 -E1	D3 -E3	D3 - E3
Molten Metal Cryolite ISO 9185	-	>100 g Cryolite	-
Electric Arc ASTM F1959/F	-	ATPV: 8 Cal/cm² HAF: 78,2 %	-
Electric Arc EN 61482-1-2	-	Class 1	-
Welding and Allied Processes (EN ISO 9150) EN 11611	-	Class 2	Class 2
	Download full data sheet	Download full data sheet	Download full data sheet

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