

PR720 Aluminised Preox

PR720 is a combination of a Preox fabric and a highly reflective Gemini film process. Aluminised Preox is cool, durable, flexible, lightweight, soft, can't melt, won't burn in air we breathe, resists molten steel, doesn't hold heat and it won't shrivel or curl in extreme heat

Fabric Specifications	
Base cloth	Preox
Aluminised technology	TBA
Total weight	720 (=/-15) g/m ²

Performance/Test Data	
Property/Test Method	Result
Tensile strength of base fabric N/50mm width nominal	Warp 750 Weft 515
Thickness	1.1mm

ISO 11612 Performance Data			
ISO 11612:2015: Protective clothing - Clothing to protect against heat and flame -- Minimum performance requirements			
Characteristic	Code	Unlined	Lined
Limited Flame Spread, Face Ignition (ISO 15025 Procedure A) - Outer Fabric	A1	Pass	Pass
Limited Flame Spread, Face Ignition (ISO 15025 Procedure A) - Lining Fabric		NA*	Pass
Limited Flame Spread, Edge Ignition (ISO 15025 Procedure A) - Outer Fabric	A2	NT	Pass
Convective Heat (ISO 9151)	B	B1 (6.9sec)	B2 (15.8sec)
Radiant Heat (ISO 6942)	C	C3 (66.0sec)	C4 (186.2sec)
Molten Aluminium Splash (ISO 9185)	D	D3 (>350g)	D3 (>350g)
Molten Iron Splash (ISO 9185)	E	E3 (>200g)	E3 (>200g)
Contact Heat (ISO 12127-1)	F	F1 (8.8sec)	F3 (15.4sec)

*NT - not tested

Features & Benefits
Heavy duty protection
Soft and flexible
Flexibility helps reduce wearer fatigue compared to thick stiff garments