

AR530 Aluminised Aramid

AR530 is a combination of a para aramid fabric and a highly reflective Gemini film process. Aluminised Aramid is durable, 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 | Para Aramid |
| Aluminised technology | TBA |
| Total weight | 530 (=/-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 | 0.8mm |

| 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 | NT | Pass |
| Limited Flame Spread, Face Ignition (ISO 15025 Procedure A) - Lining Fabric | | NT | Pass |
| Limited Flame Spread, Edge Ignition (ISO 15025 Procedure A) - Outer Fabric | A2 | NT | Pass |
| Convective Heat (ISO 9151) | B | NT | B2 (21.3sec) |
| Radiant Heat (ISO 6942) | C | NT | C4 (215.9sec) |
| Molten Aluminium Splash (ISO 9185) | D | NT | D3 (>350g) |
| Molten Iron Splash (ISO 9185) | E | NT | E3 (>200g) |
| Contact Heat (ISO 12127-1) | F | NT | F3 (20.1sec) |

*NT - not tested

| Features & Benefits |
|-----------------------|
| Heavy duty protection |
| Highly durable |