

NT PREOX 500AL REF. 21-034

PERMANENT FLAME RETARDANT FABRIC



EN Aluminized nonwoven with thermal barrier.
ES No tejido aluminizado con barrera térmica.



Technical Data Sheet

| | |
|---------------------|----------------------|
| Composition | 96% PPAN 4% Alufoil |
| Base | precarbonized fibers |
| Working side finish | none |
| Reverse side finish | aluminized |
| Weave | non woven |

Physical Properties

| | Metric | US |
|---|---------------------------|---------------------------|
| Weight | 550 gr/m ² ±5% | 18 oz/yd ² ±5% |
| Thickness | 3,5 mm | 0,177 in |
| Width <i>(contact us for special width)</i> | 145 cm ±2% | 57,08 in |
| Roll length | 25 mt | 27 yd |

Thermal Properties

| | Metric | US |
|----------------|--------|---------|
| Continous temp | 300 °C | 572 °F |
| Peak temp | 700 °C | 1292 °F |

Common Applications

- Heat shield
- Flame barrier
- Thermal barrier
- Fire blankets
- Thermal jackets
- Radiant Heat

Main Features



Flame Retardant



Heat Insulation



Radiant Barrier

Technical Specs

| | Results | Standard |
|----------------------|--------------|-------------|
| Limited Flame Spread | A1 - A2 | ISO 15025 |
| Convective Heat | B1 | ISO 9151 |
| Radiant Heat | C4 | ISO 6942 |
| Combustion spread | 0 | ISO 3795 |
| Fire reaction | M1 class | NF P 92 503 |
| Smoke class | F2 class | NF F 16-101 |
| Heat resistance | 180 °C: Pass | ISO 17493 |

The described values in this technical sheet are estimated results obtained in the TEXFIRE TEXTILS TECNICS S.L. internal laboratory according to standard methodologies. TEXFIRE reserves the right to change the parameters without the obligation to notice it previously. Asbestos free product.

Given the diversity of uses of our products, we advise our customers to ensure that the product complies with the use and/or desired regulations, assuming in this case the responsibility for their use.