



**TECHNICAL FABRICS
BY THE ROLL**

**NONWOVEN
TECHNICAL
FABRIC FOR
SAFETY APPAREL**

**PERFORMANCE IN
THE FIELD**

These fabrics are designed to offer protection against various workplace hazards such as extreme temperatures, flames, cuts, and chemicals.

KEY BENEFITS



**CUT & PUNCTURE
RESISTANCE**

Albarrie's fabrics supports applications that require cut or puncture resistance.



**FLAME-
RESISTANT**

Does not support melting, dripping, or combustion.

840°F

**HIGH
TEMPERATURE
RESISTANCE**

Support applications with operating temperatures up to 840°F (448°C).



**MANAGEABLE
MINIMUMS**

Although we require a minimum order, we can accommodate smaller volumes.

FEATURES

- Fabric helps protect workers from serious workplace injuries and illnesses.
- Help safety and apparel manufacturers deliver safety equipment and clothing to the workforce in hazardous industrial applications.
- Get protection against extreme elements like fire, heat, or cold.
- Quality assurance under the strictest protocols to ASTM standards.



OPTIONS

- Water Repellent Treatment
- Oil Repellent Treatment
- PTFE Finish
- ePTFE Membrane
- Heat Setting
- Calendering
- Singeing
- Anti-Static Treatment



APPLICATIONS

- Boot Liner
- Welding Apparel
- Safety Gloves
- Emergency Services Apparel

NONWOVEN TECHNICAL FABRIC FOR SAFETY APPAREL

FABRIC PROPERTIES	Meta-Aramid	Para-Aramid (Kevlar®)	Polypropylene	Polyester
Tensile Strength	Very Good	Excellent	Excellent	Excellent
Abrasion Resistance	Very Good	Excellent	Excellent	Good
Acid Resistance	Good	Moderate	Excellent	Moderate
Alkali Resistance	Moderate	Moderate	Excellent	Moderate
Oxidation Resistance	Good	Low	Moderate	Good
Operating Temperature (Short Contact)	450°F (232°C)	840°F (448°C)	190°F (87°C)	300°F (148°C)
Descomposition Temperature (Short Contact)	750°F (398°C)	975°F (523°C)	320°F (160°C)	480°F (248°C)
Manufactured Weight Range	10 – 53 oz/yd ² (340-1800 g/m ²)	5.1 – 5.7 oz/yd ² (176-194 g/m ²)	5.9 and 59 oz/yd ² (200-2000 g/m ²)	5.90 and 120.92 oz/yd ² (200-4100 g/m ²)
Manufactured Thickness Range	0.070" – 0.46" (1.8-12 mm)	0.045" – 0.55" (1.1 – 1.3 mm)	0.039 and 0.47 in (1-12mm)	0.039 and 0.47 in (1-12 mm)
Investment	\$\$\$	\$\$\$	\$\$\$	\$\$\$

“Unlock Your Style: Discover the Most Popular Styles and Customize To Make Them Your Own!”

PRODUCT GALLERY



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