



**TECHNICAL FABRICS
BY THE ROLL**

NONWOVEN PARA-ARAMID (KEVLAR®)

UNCOVER POTENTIAL WITH PARA-ARAMID

Robust and rigid fiber known for its exceptional resistance to abrasion and cutting.

KEY BENEFITS



LONG SERVICE LIFE

High tensile strength means it can withstand abrasion in harsh environments.



FLAME-RESISTANT

Does not support melting, dripping, or combustion.



CUT & PUNCTURE RESISTANCE

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

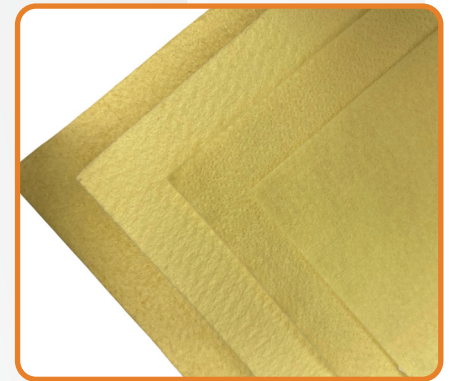
840°F

HIGH-TEMPERATURE RESISTANT

Supports applications with operating temperatures up to 840°F (450°C).

FEATURES

- Superior strength.
- Lightweight yet very strong and durable.
- Naturally flame-resistant, high-temperature fiber.
- Excellent resistance to abrasion and cutting.
- Protects the wearer from external heat sources, cuts, punctures, and sparks.
- Can be combined with other materials to create high performance products for various applications.
- Protects extruded products and glass from damage as it's rolled.
- 100% virgin premium fibers.
- Quality assurance under the strictest protocols to ASTM standards.



OPTIONS

- Spiral Needlepunching
- Calendering
- Singeing
- Slitting
- Flash Cutting
- Waterjet Cutting
- Sewing
- Scrim



APPLICATIONS

- Safety Apparel
- Canoe, Kayak, & Inflatable Boat Manufacturing
- Heat & Noise Insulation
- Composite Materials

NONWOVEN PARA-ARAMID (KEVLAR®)

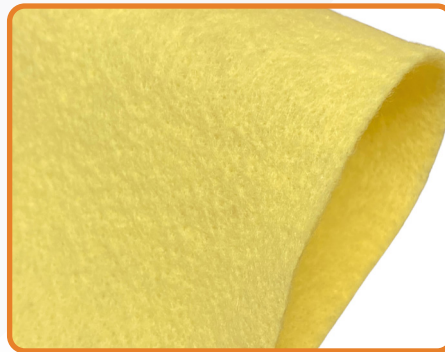
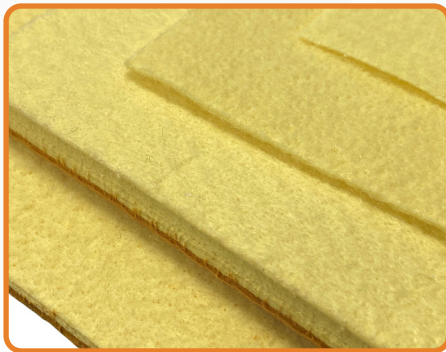
FABRIC PROPERTIES

FABRIC PROPERTIES	Kevlar PF		Kevlar (Scrim Supported)		PBO/Kevlar	
Tensile Strength	Very Good	Very Good	Excellent	Excellent	Excellent	Excellent
Abrasion Resistance	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
Oxidation Resistance	Good	Good	Good	Good	Good	Good
Operating Temperature	840°F (450 °C)	840°F (450 °C)	840°F (450 °C)	840°F (450 °C)	1020°F (548 °C)	1020°F (548 °C)
Manufactured Weight Range	3.1 – 3.4 oz/yd ² (104-116 g/m ²)	5.1 – 5.7 oz/yd ² (176-194 g/m ²)	33.6 – 37.16 oz/yd ² (1140-1260 g/m ²)	96.5 – 106.8 oz/yd ² (3277-3623 g/m ²)	53.0 – 56.0 oz/yd ² (1800-1900 g/m ²)	102.3 – 112.9 oz/yd ² (3470-3830 g/m ²)
Manufactured Thickness Range	0.045" – 0.55" (1.1 - 1.3 mm)	0.045" – 0.55" (1.1 - 1.3 mm)	0.175 – 0.215" (4.4 - 5.4 mm)	0.495" – 0.545" (12.4 - 13.7 mm)	0.260" – 0.300" (6.6 - 7.6 mm)	0.435" – 0.512" (11.0 - 13.0 mm)
Investment	\$\$\$\$	\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$

• PF = Plain Finish

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

PRODUCT GALLERY



Disclaimer: Information provided by Albarrie on this sales sheet ("Sheet") is for general information purposes only. All information on the Sheet is provided in good faith, however Albarrie makes no representation or warranty of any kind, express or implied, regarding the accuracy, adequacy, validity, reliability, availability or completeness of any information on the Sheet. Products may not work as advertised or perform differently based on application, operating conditions, and depend on chemical, thermal, and humidity and other factors.

