



**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.

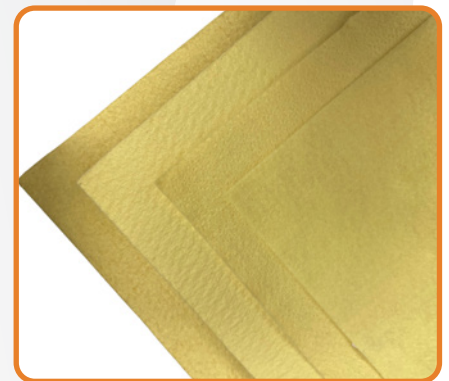


HIGH-TEMPERATURE RESISTANT

Supports applications with operating temperatures up to 840°F (448°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

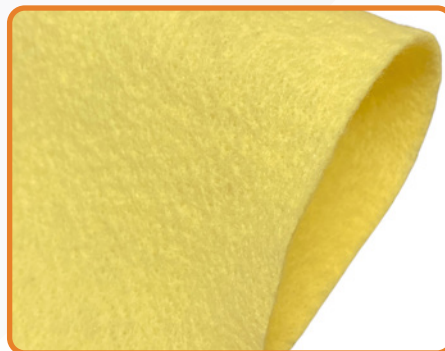
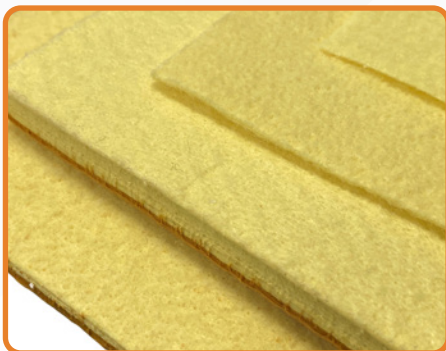
NONWOVEN PARA-ARAMID (KEVLAR®)

FABRIC PROPERTIES	100% Para-Aramid 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 (Short Contact)	840°F (448°C)	840°F (448°C)	840°F (448°C)	840°F (448°C)	1020°F (548°C)	1020°F (548 °C)
Descomposition Temperature (Short Contact)	975°F (523°C)	975°F (523°C)	975°F (523C)	975°F (523°C)	1200°F (648°C)	1200°F (648°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 – 13 mm)	0.045" – 0.55" (1.1 – 13 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 is for general information purposes only. The above information is estimated and is provided purely for demonstrative purposes. The temperatures indicated above for the fabric may be subject to change depending on the application and operating conditions, and will depend on chemical, thermal, humidity, and other factors.

