

TECHNICAL FABRICS
BY THE ROLL

AFFINITY™

FILTER MEDIA

NONWOVEN POLYIMIDE (P84®)

ENHANCE FILTER PERFORMANCE

An excellent choice in demanding industrial air filtration applications where high temperatures are present.

KEY BENEFITS



HIGHER FILTRATION EFFICIENCY

P84®'s multilobal construction increases filtration surface area, improving efficiency.



LONG SERVICE LIFE

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



NON- FLAMMABLE

An outstanding solution for industrial air filtration

460°F

HIGH- TEMPERATURE RESISTANT

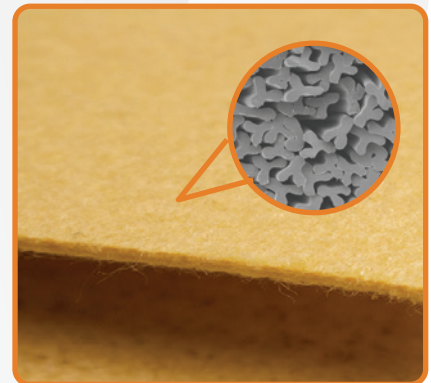
Supports applications with operating temperatures up to 460°F (237°C).

FEATURES

- High-temperature stability.
- Enhanced filtration performance.
- Fiber's unique multi-lobal structure offers the highest surface area for filtration.
- Improve dust capture on the surface.
- Outstanding solution for industrial air filtration.
- Reduce maintenance and operating costs.
- Lower operating costs in industrial air filtration.
- 100% virgin premium fibers
- Quality assurance under the strictest protocols to ASTM standards.

OPTIONS

- Water Repellent Treatment
- ePTFE Membrane
- Calendering
- Singeing
- Heat Setting
- Slitting
- Sewing
- Scrim
- Welding



APPLICATIONS

- Cement
- Waste-To-Energy
- Energy From Coal and Biomass
- Metallurgical Processing

AFFINITY™
FILTER MEDIA

FABRIC PROPERTIES	100% P84®	P84® SAW	P84® SP2	P84® SLC
Tensile Strength	Very Good	Very Good	Very Good	Very Good
Abrasion Resistance	Very Good	Very Good	Very Good	Good
Acid Resistance	Good	Good	Very Good	Good
Alkali Resistance	Moderate	Good	Very Good	Good
Oxidation Resistance	Moderate	Good	Good	Good
Operating Temperature	460°F (237 °C)	460°F (237 °C)	460°F (237 °C)	460°F (237 °C)
Short Surges Temperature	500°F (260 °C)	500°F (260 °C)	500°F (260 °C)	500°F (260 °C)
Manufactured Weight Range	14 – 28 oz/yd ² (475–950 g/m ²)	14 – 16 oz/yd ² (474.6 – 542.4 g/m ²)	14 – 16 oz/yd ² (474.6 – 542.4 g/m ²)	14 – 16 oz/yd ² (474.6 – 542.4 g/m ²)
Manufactured Thickness Range	0.08”–0.09” (2.2mm – 2.5mm)	0.08”–0.09” (2.2mm – 2.5mm)	0.08”–0.09” (2.2mm – 2.5mm)	0.08”–0.09” (2.2mm – 2.5mm)
Investment	\$\$\$	\$\$\$\$	\$\$\$\$	\$\$\$\$

• SLC = Single Light One Side Calender

• SP2 = ePTFE Membrane

• SAW = Single Light One Side Calender + Water Repellent

“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.

