



**TECHNICAL FABRICS
BY THE ROLL**

AFFINITY™

FILTER MEDIA

NONWOVEN POLYPHENYLENE SULFIDE (PPS)

PROTECT AGAINST EXTREME HEAT

Polyphenylene Sulfide (PPS) is a high-performing fiber categorized as a thermoplastic polymer known as an engineering plastic.

KEY BENEFITS



FIT FOR MULTIPLE ENVIRONMENTS

Highly suitable for numerous filtration environments.



FLAME-RESISTANT

Does not support melting, dripping, or combustion.



HIGH-TEMPERATURE RESISTANCE

Supports applications with operating temperatures up to 375°F (190 °C)



GOOD CHEMICAL RESISTANCE

Won't deteriorate when exposed to various chemicals and industrial solvents.

FEATURES

- Highly resistant to chemicals
- Inherently flame and hydrolysis resistant
- Works in liquid filtration applications like belt filter presses
- Good mechanical stability
- 100% virgin premium fibers
- Quality assurance under the strictest protocols to ASTM standards.

OPTIONS

- PTFE Finish
- ePTFE Membrane
- Heat Setting
- Calendering
- Singeing
- Anti-Static Treatment
- Scrim
- Slitting
- Sewing
- Welding
- Water Repellent Treatment

APPLICATIONS

- Industrial Air Filtration
- Industrial Liquid Filtration



FABRIC PROPERTIES

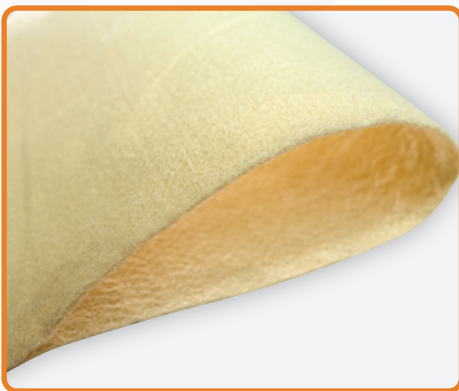
	100% PPS	PPS SLC	PPS SP2
Tensile Strength	Very good	Very Good	Very Good
Abrasion Resistance	Very Good	Good	Good
Acid Resistance	Excellent	Very Good	Very Good
Alkali Resistance	Excellent	Good	Good
Oxidation Resistance	Moderate	Good	Good
Operating Temperature	375°F (190°C)	375°F (190 °C)	375°F (190 °C)
Short Surge Temperature	400°F (204°C)	400°F (204°C)	400°F (204°C)
Manufactured Weight Range	10 – 17 oz/yd ² (339 – 576 g/m ²)	10 – 17 oz/yd ² (339 – 576 g/m ²)	10 – 17 oz/yd ² (339 – 576 g/m ²)
Manufactured Thickness Range	0.06”-0.08” (1.7mm – 2.2mm)	0.06”-0.08” (1.7mm – 2.2mm)	0.06”-0.08” (1.7mm – 2.2mm)
Investment	\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$

• SLC = Single Light One Side Calender

• SP2 = ePTFE Membrane

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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.

