

**TECHNICAL FABRICS
BY THE ROLL**

AFFINITY™

FILTER MEDIA

AFFINITY™ AIR FILTER MEDIA

AIR FILTER MEDIA DESIGNED FOR UNIFORM AND CONSISTENT AIRFLOW

Albarrie's Affinity™ Air Filter Media product line is a collection of high-performance nonwoven needlepunched technical fabrics designed to optimize air filtration in OEM applications.

KEY BENEFITS



CUSTOM DESIGNED
surfaces specific to your OEM specification.



FOUR PRE-DESIGNED MEDIA OPTIONS
Albarrie has pre-designed air filter media options for specialty applications.



WIDE RANGE OF FABRICS & FINISHES
Build what you need from an array of fibers and various treatments.



STEADY AIR FLOW
Uniform and consistent fabric surface improves filtration efficiency.

FEATURES

- Blending with different fiber to give you customized product.
- Reduces particulate emissions from toxic dust-laden air
- Customize filter media for specific applications
- 100% virgin premium fibers
- Quality assurance under the strictest protocols to ASTM standards.

OPTIONS

- Polypropylene
- Homopolymer Acrylic
- Polyester Fabric
- PPS
- Meta-Aramid
- Polyimide P84®
- Water repellent Treatment
- PTFE Membrane
- ePTFE Membrane
- Heat Setting
- Calendering
- Anti-Static Treatment

APPLICATIONS

- Can be customized for all air filtration system needs.

OTHER SPECIALTY FILTER MEDIA

- **Release™** - ePTFE membrane laminated filter media
- **Cascade™** - liquid filter media



FABRIC PROPERTIES	Polypropylene	Homopolymer Acrylic	Polyester	PPS	Aramid	Polyimide P84®
Filtration Properties	Good	Good	Excellent	Excellent	Excellent	Excellent
Hydrolysis	Excellent	Good	Good	Excellent	Excellent	Good
Tensile Strength	Very Good	Good	Good	Very Good	Very Good	Very Good
Abrasion Resistance	Very Good	Good	Good	Very Good	Excellent	Very Good
Acid Resistance	Excellent	Very Good	Moderate	Excellent	Good	Good
Alkali Resistance	Excellent	Good	Moderate	Excellent	Very Good	Moderate
Oxidation Resistance	Moderate	Moderate	Good	Moderate	Good	Moderate
Operating Temperature	190 °F (87°C)	260°F (126°C)	275°F (135°C)	375°F (190°C)	400°F (204 °C)	460°F (237 °C)
Investment	\$\$\$	\$\$\$	\$\$\$\$	\$\$\$\$	\$\$\$\$	\$\$\$\$

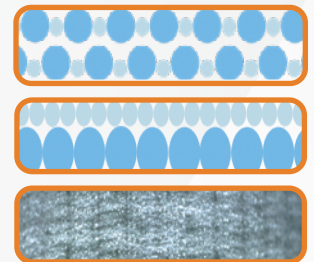
“Unlock Your Style: Discover the Most Popular Styles and Customize To Make Them Your Own!”

PRE-DESIGNED SPECIALTY FILTER MEDIA

AFFINITY™ DD DUO DENSITY FILTER MEDIA utilizes advanced fiber blending technology to combine multiple fiber sizes into the matrix of the filter media.

AFFINITY™ MC MICRO-CAP FILTER MEDIA incorporates a layer of micro-denier fiber on the top side of the filter media.

AFFINITY™ AS ANTI-STATIC FILTER MEDIA is a highly efficient anti-static filter media constructed with an integrated layer of woven stainless-steel scrim to provide uniform conductivity.



OTHER SPECIALTY FILTER MEDIA

RELEASE™ ePTFE membrane air filter media are constructed with a top layer of microporous and chemically immobile ePTFE membrane, which is laminated to Affinity™ filter media. The membrane features consistent pore size, uniform pore distribution, very high chemical resistance and is inherently non-stick, which provides enhanced surface filtration and cake release. Release™ fabrics are available with polyester, PPS, aramid, and polyimide (P84®) filter fabrics.

CASCADE™ Liquid filter media is the product of choice for many solid/liquid separation applications. These nonwoven needlefelts are typically constructed with supportive woven scrims depending on the intended application. A wide array of finishes are available for enhanced filtration performance, defined flow rates, and solids release.

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.

