

Shawmut MB™ All-Synthetic Meltblown Filtration Media

TECHNICAL DATA SHEET

Advanced Material Solutions: Shawmut MB™ All-Synthetic Meltblown Filtration Media

Shawmut manufactures Shawmut MB™ proprietary high-quality meltblown filtration media in our West Bridgewater, Massachusetts manufacturing plant using the world's most advanced meltblown media production system from Europe.

Adhering to our custom design specifications and engineered to exceed typical standards, our custom-formulated synthetic polypropylene meltblown is an incredibly lightweight but highly efficient and effective filtration media.

Our Shawmut MB™ meltblown filtration media can be customized to meet your weight and filtration specifications, and rolls can be custom slit to your requirements and applications.



Features and Benefits

Shawmut MB™ all-synthetic meltblown filtration media is a versatile material that offers significant benefits including simplicity, excellent barrier performance, high efficiency, low air flow resistance, superior filtration properties, high absorption, moisture resistance, thermal insulation, breathability, and softness.

Industries and Applications

Our all-synthetic meltblown filtration media is available for a wide variety of industries and product applications and can be custom-made to your specifications.

Industries
Medical
Healthcare
Air Filtration
Liquid Filtration
Agriculture
Miscellaneous

PRODUCT DETAILS

Shawmut MB™ All-Synthetic Meltblown Filtration Media						
Brand	Basis Weight	Single Layer Testing*		Double Layer Testing*		Color
		Air Resistance (@ 85 L/min)	Filtration Efficiency (@ 85 L/min, 0.3µm NaCl)	Air Resistance (@ 85 L/min)	Filtration Efficiency (@ 85 L/min, 0.3µm NaCl)	
Shawmut MB™	16 g/m ²	3.75 mmH ₂ O	76%	7.5 mmH ₂ O	94%	White
	16 g/m ²	4.75 mmH ₂ O	83%	9.5 mmH ₂ O	97%	
	20 g/m ²	5.75 mmH ₂ O	89%	11.5 mmH ₂ O	98.5%	
	25 g/m ²	6 mmH ₂ O	85%	12 mmH ₂ O	97.5%	
	25 g/m ²	6.75 mmH ₂ O	91%	13.5 mmH ₂ O	99%	
	28 g/m ²	7.5 mmH ₂ O	92%	15.0 mmH ₂ O	99%	
Test Method	ASTM D646	TSI 8130				

*Actual performance in a respirator will vary depending on the size and shape of the respirator

Country of Origin: Made in the USA

Width Capabilities: Untrimmed sheet width up to 68" (varies by product)

Slitting Capabilities: Minimum of 3", up to a maximum of 63"

Test Methods: ASTM D646 and TSI 8130 with additional testing capabilities available.

Storage Conditions: Store in original packaging within climatic conditions ranging from -4 °F (-20°C) to +86 °F (+30°C).

Technical Assistance: 508-588-3300

Contact Shawmut Today to Order All-Synthetic Meltblown Filtration Media Manufactured to Your Specifications

To place an order contact:

CustomSales@ShawmutCorporation.com

