



Mini-Pleat Nanofiltration Media

MERV 14

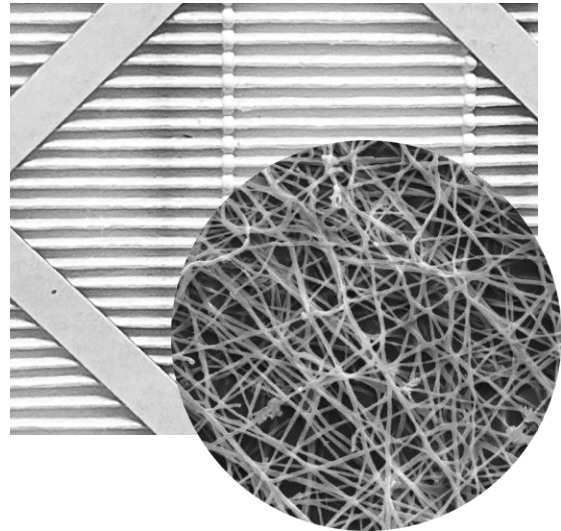
eSpin's all synthetic air filtration media utilize a fine layer of nanofibers to provide mechanical filtration while maintaining a low resistance to air flow. The unique hybrid structure helps media maintain the desired MERV rating throughout usage.

Applications

- HVAC
- Cabin Air
- Turbine Intake
- Data Centers

Features

- Extended surface area
- High dust holding capacity
- Meets ASHRAE 52.2 standard
- Durable synthetic construction



TECHNICAL DATA SHEET

Properties	Imperial Units		Metric Units		Test Methods
Basis Weight	65.75	lbs/3000 ft ²	107	g/m ²	TAPPI - T - 410 ASTM - D - 646
Thickness (7.3 psi/50 kPa)	27	mil	0.69	mm	TAPPI - T - 411
Efficiency					
Penetration (0.3 µm NaCl 5.33)	10.5	%	10.5	%	TSI 8130
Air Resistance (5.33 cm/s)	1.2	mm H ₂ O	11.8	Pa	TSI 8130
Color	Off-White				

Resistance and efficiency were tested using TSI 8130 and air permeation was tested using the Tex test FX 3300.

Disclaimer: The material properties described in this document are estimates only and are not warranted by eSpin Technologies, inc. The data sheet is to be used as a guide only. eSpin retains all intellectual property rights to this material and related trademark.



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