



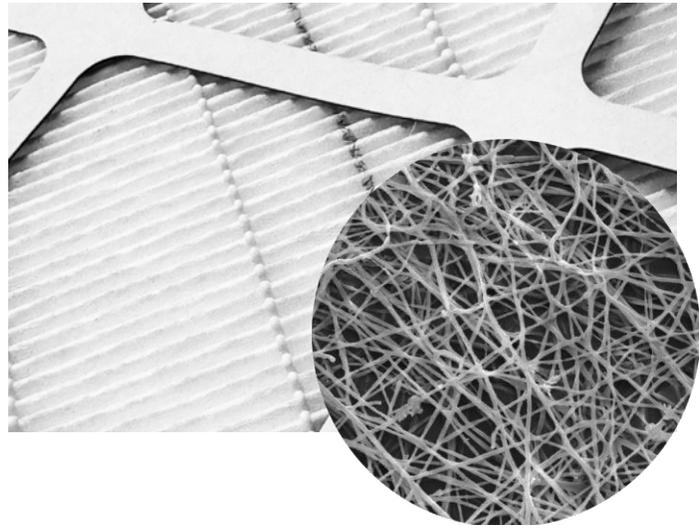
eSpin’s all synthetic air filtration media utilize a fine layer of nanofibers to provide mechanical filtration while maintaining a low resistance to air flow. The unique hybrid structure helps media maintain the desired MERV rating throughout usage.

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	59	lbs/3000 ft ²	96	gsm	TAPPI - T - 410 ASTM - D - 646
Thickness (7.3 psi/50 kPa)	22	mil	0.59	mm	TAPPI - T - 411
Efficiency					
Penetration (0.3 μm NaCl 5.33)	17	%	17	%	TSI 8130
Air Resistance (5.33 cm/s)	1.3	mm	13	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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