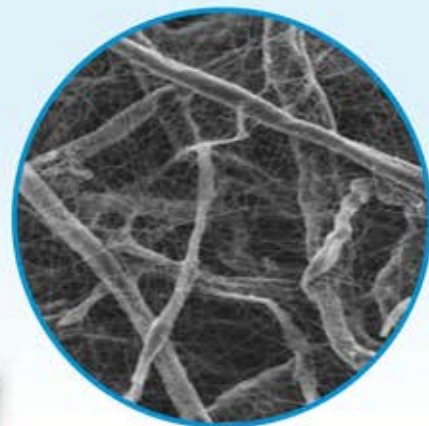


# ICF-16

High Efficiency Electrospun Nano Fiber media paper

ICF-16 is a blended Cellulose/Polyester paper filter media with Nano-Fiber, a no cure Acrylic resin system. High moisture resistance, excellent capacity and cake release. A MERV 16 performance rating makes this media ideal for use in pulse systems.



Basis Weight	80lbs/3000 ft <sup>2</sup>
Caliper	30 mils @ 2.7 psi
Air Permeability	22 cfm/ft <sup>2</sup> @ 0.5 wc
Resin Content	20 %
Mullen Burst Dry	42 psi
Mullen Burst Wet	35 psi
Resin System	No Cure

## Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.53
E1 (%) Initial Efficiency 0.30 - 1.0 μm	94
E2 (%) Initial Efficiency 1.0 - 3.0 μm	97
E3 (%) Initial Efficiency 3.0 - 10.0 μm	100
MERV*	MERV 16

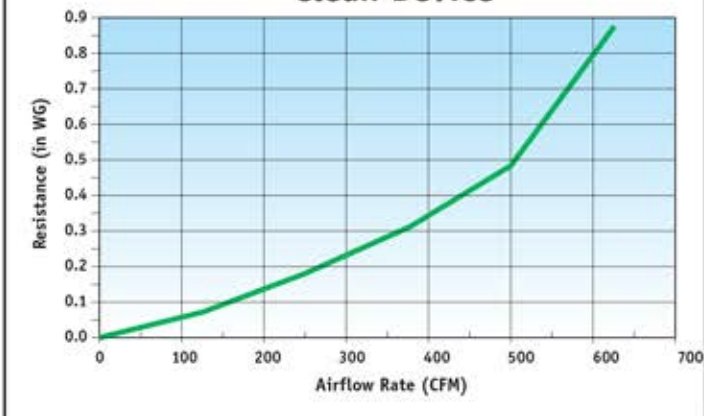
\* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



## Typical Applications

- Gas Turbine
- Grain Dust
- Paper Dust
- Tobacco
- Wood Working

**Air Flow vs Resistance  
Clean Device**



**Initial Particle Size Removal Efficiency**

