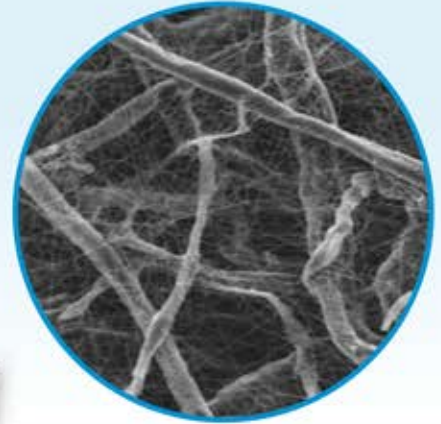


ICF-16FR

High Efficiency Electrospun Nano Fiber media paper

ICF-16FR 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 characteristics with fire retardant treatment. A MERV 16 performance rating makes this media ideal for use in pulse systems.



Basis Weight	75 lbs/3000 ft ²
Caliper	30 mils @ 2.7 psi
Air Permeability	22 cfm/ft ² @ 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)	0.55
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

