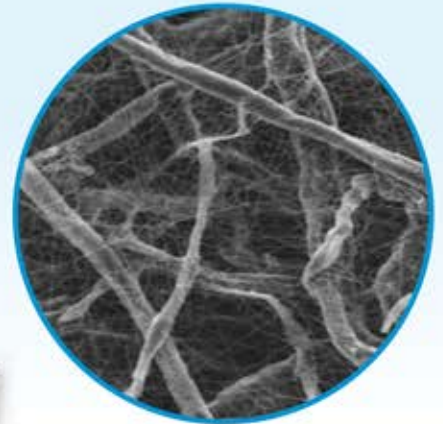


# ICF-15FR

High Efficiency blended paper media with Nano Fiber

ICF-15 is a blended Cellulose /Polyester paper filter media with Nano Fiber, an Acrylic resin system. Superior media strength, excellent capacity and cake release nwith Fire Retardant. A MERV 15 performance rating makes this media ideal for use in pulse systems.



Basis Weight	75lbs/3000 ft <sup>2</sup>
Caliper	50 mils @ 2.7 psi
Air Permeability	20 cfm/ft <sup>2</sup> @ 0.5 wc
Resin Content	20 %
Mullen Burst Dry	40 psi
Mullen Burst Wet	20 psi
Resin System	Acrylic

## Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.43
E1 (%) Initial Efficiency 0.30 - 1.0 $\mu$ m	92
E2 (%) Initial Efficiency 1.0 - 3.0 $\mu$ m	99
E3 (%) Initial Efficiency 3.0 - 10.0 $\mu$ m	100
MERV*	MERV 15

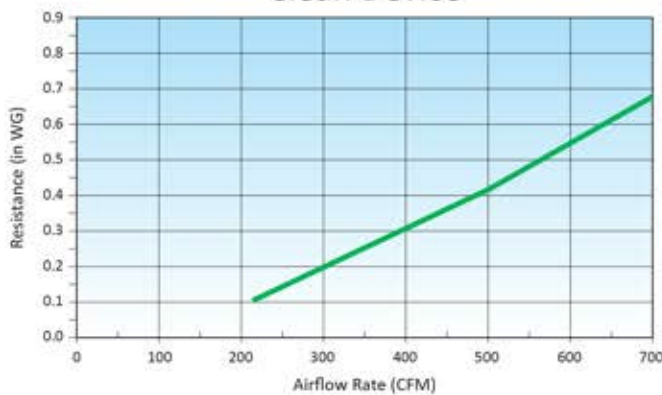
\* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



## Typical Applications

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

Air Flow vs Resistance  
Clean Device



Initial Particle Size Removal Efficiency

