

ICF-12FR

High Efficiency Cellulose/Synthetic Premium Filter Media

ICF-12FR is a blended Cellulose/Synthetic premium filter media with a latex resin system. High moisture resistance, excellent capacity and cake release characteristics with fire retardant treatment.



Basis Weight	84 lbs/3000 ft ²
Caliper	27 mils @ 2.7 psi
Air Permeability	15 cfm/ft ² @ 0.5 wc
Resin Content	30 %
Mullen Burst Dry	50 psi
Mullen Burst Wet	40 psi
Resin System	Latex

Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.58
E1 (%) Initial Efficiency 0.30 - 1.0 μm	40
E2 (%) Initial Efficiency 1.0 - 3.0 μm	80
E3 (%) Initial Efficiency 3.0 - 10.0 μm	97
MERV*	MERV 12

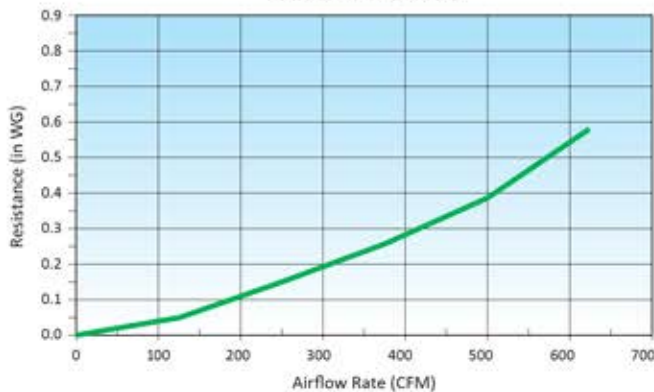
* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



Typical Applications

- Battery Recycling
- Dry Chemical Processing
- Laser Cutting
- Metal Grinding
- Mining
- Welding

Air Flow vs Resistance
Clean Device



Initial Particle Size Removal Efficiency

