

ICF-12

High Efficiency Cellulose/
Synthetic Premium Filter Media

ICF-12 is a blended Cellulose/Synthetic premium filter media with a non-phenolic resin system. High hydrophobicity (moisture resistance), excellent capacity and cake release characteristics.



Basis Weight	79lbs/3000 ft ²
Caliper	24 mils @ 2.7 psi
Air Permeability	18cfm/ft ² @ 0.5 wc
Resin Content	18 %
Mullen Burst Dry	75 psi
Mullen Burst Wet	50 psi
Resin System	Non-Phenolic

Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.58
E1 (%) Initial Efficiency 0.30 - 1.0 μm	48
E2 (%) Initial Efficiency 1.0 - 3.0 μm	88
E3 (%) Initial Efficiency 3.0 - 10.0 μm	99
MERV*	MERV 12

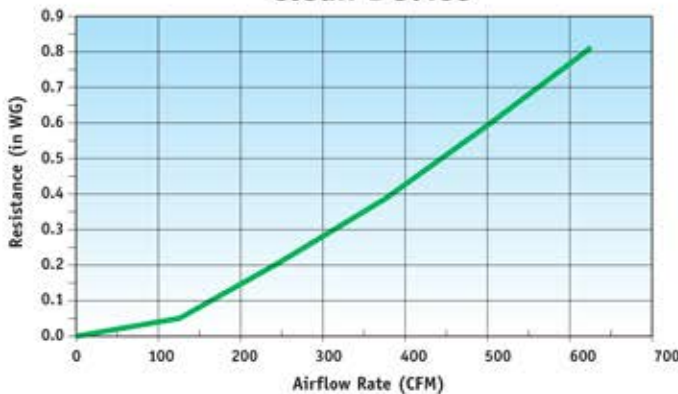
* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



Typical Applications

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

**Air Flow vs Resistance
Clean Device**



Initial Particle Size Removal Efficiency

