

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 |

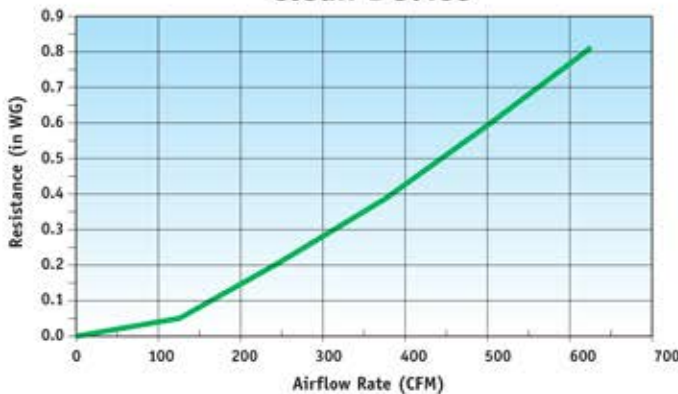
* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



Typical Applications

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

**Air Flow vs Resistance
Clean Device**



Initial Particle Size Removal Efficiency

