

# ICF-12S

Polyester and Glass Synthetic Paper

ICF-12S is a blended Polyester/Glass premium filter media with a Vinyl Chloride resin system. One of the highest moisture resistance media's on the market, great cake release, great media strength.



Basis Weight	90 lbs/3000 ft <sup>2</sup>
Caliper	27 mils @ 2.7 psi
Air Permeability	27 cfm/ft <sup>2</sup> @ 0.5 wc
Resin Content	18 %
Mullen Burst Dry	70 psi
Mullen Burst Wet	75 psi
Resin System	Non-Phenolic

## Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.93
E1 (%) Initial Efficiency 0.30 - 1.0 μm	20
E2 (%) Initial Efficiency 1.0 - 3.0 μm	76
E3 (%) Initial Efficiency 3.0 - 10.0 μm	99
MERV*	MERV 12

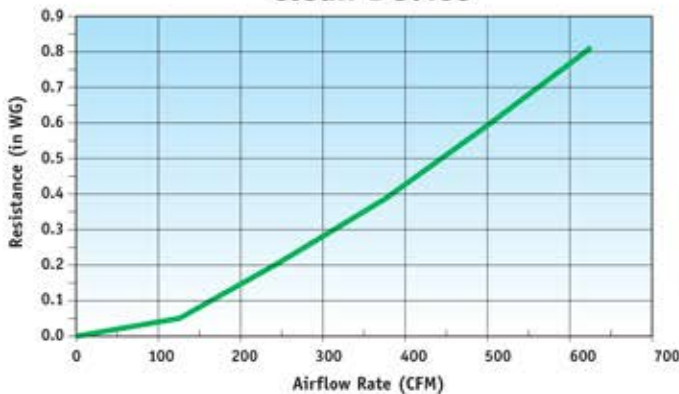
\* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



## Typical Applications

- Grain Dust
- Paper Dust
- Textiles
- Tobacco
- Woodworking
- Gas Turbine

### Air Flow vs Resistance Clean Device



### Initial Particle Size Removal Efficiency

