

# ICF-11

100% Cellulose Filter Media

ICF-11 is a proprietary 100% cellulose filter media with excellent resistance to moisture and high particulate release characteristics. A low initial resistance to airflow and MERV 11 performance rating combine for a ideal filter for a wide variety of applications.



Basis Weight	76lbs/3000 ft <sup>2</sup>
Caliper	28 mils @ 2.7 psi
Air Permeability	25cfm/ft <sup>2</sup> @ 0.5 wc
Resin Content	18 %
Mullen Burst Dry	70 psi
Mullen Burst Wet	50 psi
Resin System	Non-Phenolic

## Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.59
E1 (%) Initial Efficiency 0.30 - 1.0 μm	35
E2 (%) Initial Efficiency 1.0 - 3.0 μm	71
E3 (%) Initial Efficiency 3.0 - 10.0 μm	97
MERV*	MERV 11

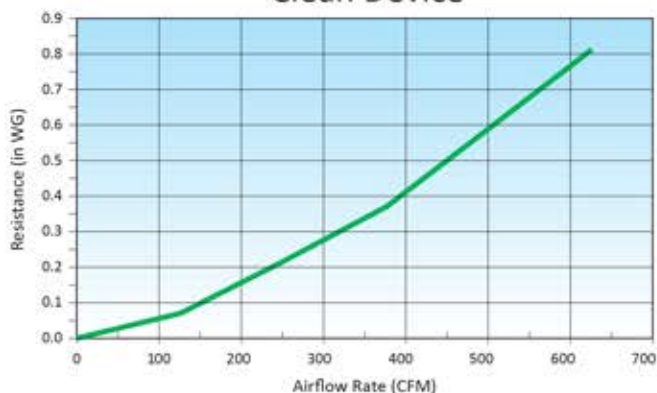
\* Minimum Efficiency Reporting Value based on ASHRAE Test Standard 52.2-2007.



## Typical Applications

- Gas Turbine Inlet Filters
- Abrasive Blasting
- Dry Chemical Processing
- Sand Blasting
- Mining

Air Flow vs Resistance  
Clean Device



Initial Particle Size Removal Efficiency

