

ICF-16

High efficiency electrospun nano-fiber media paper.



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is a blended cellulose/polyester paper filter media with nano-fiber, a no cure acrylic resin system. High moisture resistance, excellent capacity and cake release. A MERV 16 performance rating makes this media ideal for use in pluse systems.

Specifications

Basis Weight	80 lbs/3000 ft ²
Caliper	30 mils @2.7 psi
Air Permeability	22 cfm/ft ² @ 0.5 wc
Resin Content	20%
Mullen Burst Dry	42 psi
Mullen Burst Wet	35 psi
Resin System	No Cure

Test Results

Airflow Rate (CFM)	500
Initial Resistance (in WG)	0.53
E1 (%) Initial Efficiency 0.30 -1.0 um	94
E2 (%) Initial Efficiency 1.0 -3.0 um	97
E3 (%) Initial Efficiency 3.0 10.0 um	100
MERV Rating	16

Applications

Gas Turbine