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.

<table>
<thead>
<tr>
<th>Basis Weight</th>
<th>90 lbs/3000 ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caliper</td>
<td>27 mils @ 2.7 psi</td>
</tr>
<tr>
<td>Air Permeability</td>
<td>27 cfm/ft² @ 0.5 wc</td>
</tr>
<tr>
<td>Resin Content</td>
<td>18 %</td>
</tr>
<tr>
<td>Mullen Burst Dry</td>
<td>70 psi</td>
</tr>
<tr>
<td>Mullen Burst Wet</td>
<td>75 psi</td>
</tr>
<tr>
<td>Resin System</td>
<td>Non-Phenolic</td>
</tr>
</tbody>
</table>

**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**

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