Filter Bag

PLEATED FILTER BAGS

FCI DOUBLE SEAL (SDS Bag Seal)

- Easy for Installation: Its SDS seal easily fits within the cage.
- Double Seal: Double seals to prevent liquid bypass.
- Pressure Seal: Much advanced than traditional design; mechanical seal design.
- Collapse Free: Thick wall design to resist deformation under excessive pressure.
- Universal Compatibility: Fits and seals in most brands of standard bag housings.

FEATURES

- Increased filter surface area by 250% comparing to industrial standards.
- Significantly improved flow rate and reduced pressure drop.
- Significantly increased contaminant retention capacities & extended service lives.
- Exclusively FDA compliant filter media.
- Multiple layer depth media composites.
- 1—100 micron range, nominal rating.
- Patented SDS & STS pressure seal rings, steel snap-fit rings.
- Wide chemical compatibilities.
- Fiber migration & extractable free media treatment.
- Change-out differential pressure 0.12 MPa, Max. 0.20 MPa.
- Recommended flow rate: #1 @ 10 MT/Hr, #2 @ 22 MT/Hr.

PRODUCT CATEGORIES

FCIAXP - Absolute Efficiency Bags, Pleated

Consist of a series of pleated polypropylene membrane and ultra-fine micrnonfiber media to form depth graded pore opening structure. The filter surface area is 2.5 times larger than our standard APM absolute efficiency bags, its filter media depth is eight times thicker. With Improvisons in both the filter surface area & filter media depth, dirt holding capacity & flow rate can be improved significantly while maintaining 95% absolute efficiency rating.

TYPICAL APPLICATIONS

- Auto coating & paint
- Water purification & processing
- Pharmaceutical
- Food & beverage
- Bulk & fine chemicals
- Electronics & semiconductor

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Filter Size</th>
<th>Media Availability</th>
<th>Media Category</th>
<th>Seam Treatment</th>
<th>Length (mm)</th>
<th>Diameter (mm)</th>
<th>Filter Area (m²)</th>
<th>Volume (Litre)</th>
<th>Housing Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>PP</td>
<td>Membrane</td>
<td>Ultrasonic Welded</td>
<td>420</td>
<td>180</td>
<td>0.63</td>
<td>8</td>
<td>FCISBF-M-717S1/S2/S3</td>
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<tr>
<td>Size 2</td>
<td>PP</td>
<td>Membrane</td>
<td>Ultrasonic Welded</td>
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<td>180</td>
<td>1.25</td>
<td>17.5</td>
<td>FCISBF-M-732S1/S2/S3</td>
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