Filter Bag
NON-WOVEN MICRON FELT FILTER BAGS - EXTENDED LIFE CLASS

PRODUCT CATEGORIES
FCIPPE - Polypropylene Micron Felt Bags, Extended Life
FCIPEE - Polyester Micron Felt Bags, Extended Life

The primary filter layer is made up of non-singed media, leaving all pore openings on the felt unblocked, which slows down the premature formation of filter cakes, thereby successfully extending the filter’s service life. A layer of spunbound material is used as protective cover to prevent fiber migration. Lab tests show that the average service life is 18% to 30% longer than standard PP and PE bags, depending on application conditions.

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

- FDA compliant non-woven felt, 100% free from silicon contamination
- Double-layer composite media, 30% service life extension
- 1 - 200 micron range, nominal rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Wide chemical compatibilities
- Fiber migration & extractable free media treatment
- Large contaminant retention capacities, extended service lives
- Change-out differential pressure 0.10 MPa, Max. 0.16 MPa

TYPICAL APPLICATIONS

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

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>
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</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>PP, PE</td>
<td>Non -Woven</td>
<td>Welded/Stitched</td>
<td>420</td>
<td>180</td>
<td>0.25</td>
<td>8.0</td>
<td>FCISBF-M-717S1/S2/S3</td>
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<td>Size 2</td>
<td>PP, PE</td>
<td>Non -Woven</td>
<td>Welded/Stitched</td>
<td>820</td>
<td>180</td>
<td>0.50</td>
<td>17.5</td>
<td>FCISBF-M-732S1/S2/S3</td>
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<td>Size 3</td>
<td>PP, PE</td>
<td>Non -Woven</td>
<td>Welded/Stitched</td>
<td>230</td>
<td>100</td>
<td>0.09</td>
<td>1.5</td>
<td>FCISBF-M-410S1/S2/S3</td>
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<td>PP, PE</td>
<td>Non -Woven</td>
<td>Welded/Stitched</td>
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<td>100</td>
<td>0.15</td>
<td>2.5</td>
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<td>0.25</td>
<td>8.0</td>
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