Filter Bag
MONOFILAMENT MESH FILTER BAGS - EXTENDED SERVICE LIFE CLASS

PRODUCT CODES
- FCINMX - Nylon Monofilament Mesh Bags, Extended Service Life Class
- FCIEMX - Polyester Monofilament Mesh Bags, Extended Service Life Class
- FCIPMX - Polypropylene Monofilament Mesh Bags, Extended Service Life Class

We incorporate a pre-filter felt media into our Extended Service Life mesh bags to improve dirt loading. The mesh serves as the final filter, ensuring the final filtration efficiency of 98%. This material composition extends mesh filters’ service life by 200% while keeping the cost increase at the minimum.

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
- Exclusively FDA compliant monofilament mesh
- Double-layer composite filter media
- 5 - 1,200 micron range, absolute rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Change-out differential pressure 0.10 MPa, Max. 0.16 MPa

TYPICAL APPLICATIONS
- Auto coating & paint
- Water purification & processing
- Pharmaceutical
- Food & beverage

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>Nylon, PP, PE</td>
<td>Monofilament</td>
<td>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>Nylon, PP, PE</td>
<td>Monofilament</td>
<td>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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<tr>
<td>Size 3</td>
<td>Nylon, PP, PE</td>
<td>Monofilament</td>
<td>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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<tr>
<td>Size 4</td>
<td>Nylon, PP, PE</td>
<td>Monofilament</td>
<td>Stitched</td>
<td>380</td>
<td>100</td>
<td>0.15</td>
<td>2.5</td>
<td>FCISBF-M-417S1/S2/S3</td>
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<td>0.25</td>
<td>8.0</td>
<td>FCISBF-M-620S1/S2/S3</td>
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</tbody>
</table>

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