FILTER CONCEPT
www.filter-concept.com

Filter Bag
POLYPROPYLENE ABSOLUTE FILTER BAGS

PRODUCT CATEGORIES
- FCIAPM - Polypropylene Composite Matrix Bags, Absolute Class

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 Polypropylene microfiber matrix, Silicon free. Non-foaming. Low TOC content.
- Multiple layer depth composites matrix.
- 0.5 ~ 50 micron range. 98% absolute rating.
- High oil adsorbent capabilities. Capable of adsorbing and retaining trace oil up to twenty-five times of APMS’ own dry weight.
- Patented SDS & STS pressure seal rings, steel snap-fit rings.
- Wide chemical compatibilities.
- Fiber migration & extractable free media treatment.
- High flow rate, low pressure drop.
- Recommended flow rate: #1 @ 6 MT/Hr, #2 @ 12 MT/Hr.
- Change-out differential pressure 0.12 MPa, Max. 0.20 MPa.

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>Matrix</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>
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<td>Matrix</td>
<td>Ultrasonic Welded</td>
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<td>1.25</td>
<td>17.5</td>
<td>FCISBF-M-732S1/S2/S3</td>
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</tbody>
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