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. Housing Cover
- 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% compared to industrial standards
- Significantly improved flow rate and reduced pressure drop
- Significantly increased contaminant retention capacities & extended service lives
- Oil adsorbent weight 2.5 times heavier than industrial standards. Retains oil up to 23 times of its own dry weight
- 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
FCIOAP - Polypropylene Oil Adsorbent Bags, Pleated Oil Adsorbent Pleated Bags (OAP) consist of two primary composite layers:

I. Pleated adsorbents: The weight and the filter surface area are both 2.5 times larger than our standard PPAB bags. OAP not only improves oil adsorbing capability by 250%, but also significantly improves the flow rate.

II. Pleated micron felt: Designed as primary filter Layer for effective contaminant retentions.

TYPICAL APPLICATIONS
- Auto coating & paint
- Waste Water processing

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 (㎡)</th>
<th>Volume (Litre)</th>
<th>Housing Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>PP, PE</td>
<td>Micro Fiber</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, PE</td>
<td>Micro Fiber</td>
<td>Ultrasonic Welded</td>
<td>820</td>
<td>180</td>
<td>1.25</td>
<td>17.5</td>
<td>FCISBF-M-732S1/S2/S3</td>
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