Filter Bag

POLYESTER ANTI-STATIC FILTER BAGS

PRODUCT CATEGORIES

- FCIEASY - Polyester Micron Felt Bags, Anti-static Class

Anti-static Polyester filter bags, Filter Code “FCIEASY”, feature their static conductivity which allows the continuous static discharge during operation.

During filtration process, static electricity will unavoidably build up, which may spark and cause severe explosions in flammable liquid applications. To prevent such hazards, it is crucially important to discharge static electricity continuously. Our “FCIEASY” bags have embedded Anti Static Yarns that conduct and discharge static electricity as it occurs, safeguard spark-free operations.

“FCIEASY” bags are made of FDA compliant Polyester non-woven felt, embedded with special carbon anti-static electricity yarns. The standard series are made of Single Layer Profile, PLEATED, BI-DIRECTIONAL (Dual-Flow) as well as various types of Anti-static Designers are also available upon request.

FEATURES

- FDA compliant non-woven felt. 100% free of silicon contamination
- Static electricity conductive carbon embedded Single & multiple layer depth media composites
- 1 ~ 25 micron range, nominal rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Wide chemical compatibilities
- Fiber migration & extractable free media treatment
- High contaminant retention capacities, extended service life
- Change-out differential pressure 0.10 MPa, Max. 0.16 MPa

TYPICAL APPLICATIONS

- Petro-chemicals
- Oil & fuel purification & processing
- Pharmaceutical
- Alcohol processing
- Bulk & fine chemicals

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>PE Antistatic</td>
<td>Non-Woven</td>
<td>Ultrasonic Welded / Stitched</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>PE Antistatic</td>
<td>Non-Woven</td>
<td>Ultrasonic Welded / Stitched</td>
<td>820</td>
<td>180</td>
<td>1.25</td>
<td>17.5</td>
<td>FCISBF-M-732S1/S2/S3</td>
</tr>
</tbody>
</table>

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