MS® Needled Filter Bag

General Description

MS® Needled Felt bags are designed to withstand higher solid loading, and are suitable for applications using vessel or open filtration systems. Our integrated technology and superior control over our manufacturing and quality leads to consistent performance. With MS® filter bag, you can count on what you are getting. We start with the finest material possible. Membrane Solutions, LLC produces the felt material used in our felt filter bags in-house, guaranteeing the highest quality. Our no-bypass welded seams eliminate the possibility of fluid bypass through needle holes. We provide a variety of glazed and singed finishes to inhibit fiber migration.

Feature

- Needled felt structure
- Stainless steel or self-sealing plastic collar
- Oil free material
- Suitable to lower viscosity fluid
- Stable filtration with high flow velocity
- Total melt blown structure
- without needle hole & by pass
- No chemical or fiber release

SIZE

01: 180*421mm
02: 180*821mm
03: 100*351mm
04: 150*551mm

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### Specifications

<table>
<thead>
<tr>
<th>Material</th>
<th>Temperature</th>
<th>Chemical Resistance</th>
<th>Filtration Accuracy (μm)</th>
<th>Structure</th>
<th>Filtration Style</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP</td>
<td>&lt;80 °C</td>
<td>Water, Salt, Strong acid, Alkali</td>
<td>1,5,10,25,50, 80,100,150, 200</td>
<td>Needled felt</td>
<td>Depth filtration</td>
<td>01,02,03,04</td>
</tr>
<tr>
<td>Extended life PP</td>
<td>&lt;80 °C</td>
<td>Water, Salt, Strong acid, Alkali</td>
<td>1,5,10,25,50, 80,100,150, 200</td>
<td>Needled felt</td>
<td>Depth filtration</td>
<td>01,02,03,04</td>
</tr>
<tr>
<td>PE</td>
<td>&lt;170 °C</td>
<td>Water, Aromatics, Weak acid, Alkali</td>
<td>1,5,10,25,50, 80,100,150, 200</td>
<td>Needled felt</td>
<td>Depth filtration</td>
<td>01,02,03,04</td>
</tr>
<tr>
<td>Extended life PE</td>
<td>&lt;170 °C</td>
<td>Water, Aromatics, Weak acid, Alkali</td>
<td>1,5,10,25,50, 80,100,150, 200</td>
<td>Needled felt</td>
<td>Depth filtration</td>
<td>01,02,03,04</td>
</tr>
<tr>
<td>PARA</td>
<td>&lt;220 °C</td>
<td>Water, Aromatics, Aliphatics, Strong acid</td>
<td>1,5,10,25,50, 80,100</td>
<td>Needled felt</td>
<td>Depth filtration</td>
<td>01,02,03,04</td>
</tr>
<tr>
<td>PTFE</td>
<td>&lt;240 °C</td>
<td>Almost all</td>
<td>1,5,10</td>
<td>Needled felt</td>
<td>Depth filtration</td>
<td>01,02,03,04</td>
</tr>
</tbody>
</table>

### Applications

- Pre-filtration in Water treatment
- Amine filtration in Petroleum industry
- Electrophoretic paint filtration in Automotive industry
- Syrup filtration
- Raw medicine filtration
- Recycled water filtration in electronics industry

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