Needled 16 oz. PPS (polyphenylene sulfide) felt is a high temperature filtration media used in pulse jet baghouse dust collectors. This material performs well in applications where alkaline and or chemical resistance is required. It also works well in applications with moisture content and where dew point crossings are common. It is strong, abrasion resistant with high resistance to alkalies and acids and good for applications up to 375°F.

**PREMIUM CONSTRUCTION**

- Heat-seam construction results in a seam with increased dependability and efficiency
- Available in a wide variety of top and bottom configurations, diameters and lengths
- Options include ground wires, abrasion cuffs and expansion rings

**APPLICATIONS**

- Used in coal fired boilers, incinerators, fluidized bed systems, cement mills, oil and gas firing, asphalt and aluminum smelting industries

**MEDIA SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Bag Technology</th>
<th>Singed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substrate</td>
<td>Needled Polyphenylene Sulfide Felt</td>
</tr>
<tr>
<td>Fabric Weight</td>
<td>16.0 oz./yd² (540 g/m²)</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.060-0.080 inches (1.5-2.0 mm)</td>
</tr>
<tr>
<td>Air Permeability</td>
<td>25-45 (cfm @ 0.5 “wg) 42-76 (m³/hr @ 1.25 mbar)</td>
</tr>
</tbody>
</table>

**MEDIA COMPATIBILITY DATA**

- Maximum Operating Temperature: 375°F, 191°C
- Maximum Surge Temperature: 375°F, 191°C
- Abrasion Resistance: Good
- Alkali Resistance: Excellent
- Subject to Hydrolysis**: No
- Chemical Resistance**: Excellent

**BAG CLEANING AND DISPOSAL**

For environmental compliance, it is highly recommended to consult federal, state and local environmental protection guidelines to determine the impact of washing or disposing of dirty bags. Many industry dusts are hazardous to our environment and are regulated by air quality standards and by national and local water standards during disposal.
Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user’s knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user’s application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. Call Donaldson Torit at 800-365-1331.

**CONFIGURATIONS**

<table>
<thead>
<tr>
<th>Collector Models</th>
<th>Filtration Area (ft², m²)</th>
<th>Outer Diameter (in, mm)</th>
<th>Length* (in, mm)</th>
<th>Flat Width (in, mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dalamatic Cased - x/x/10</td>
<td>10.8</td>
<td>5.875</td>
<td>149.23</td>
<td>52</td>
</tr>
<tr>
<td>Dalamatic Cased - x/x/15</td>
<td>16.1</td>
<td>5.875</td>
<td>149.23</td>
<td>76</td>
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<tr>
<td>Dalamatic Insertable - 5/12 - 30/10</td>
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<td>5.875</td>
<td>149.23</td>
<td>124</td>
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<tr>
<td>Dalamatic Insertable - 9/15 - 60/15</td>
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<td>5.875</td>
<td>149.23</td>
<td>148</td>
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<tr>
<td>Dalamatic Unit - DU 7, 14</td>
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<td>5.875</td>
<td>149.23</td>
<td>59</td>
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<tr>
<td>Dalamatic Unit - DU 10, 20</td>
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<td>149.23</td>
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<tr>
<td>Dalamatic Unit - DU 30 - D225</td>
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<td>5.875</td>
<td>149.23</td>
<td>69</td>
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<tr>
<td>FS/RSD Baghouse</td>
<td>10.2</td>
<td>5</td>
<td>149.23</td>
<td>76.2</td>
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<tr>
<td>FT/LP Baghouse</td>
<td>7.1</td>
<td>4.5</td>
<td>149.23</td>
<td>76.2</td>
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<tr>
<td>MB Baghouse - MBT, MBW</td>
<td>8.0</td>
<td>6.14</td>
<td>155.96</td>
<td>76.2</td>
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<tr>
<td>PJ &amp; PJD Baghouse - PJ, PJD</td>
<td>7.6</td>
<td>4.85</td>
<td>123.19</td>
<td>76.2</td>
</tr>
<tr>
<td>RF Baghouse</td>
<td>7.2</td>
<td>14.8 x 3.4</td>
<td>375.9 x 86.4</td>
<td>76.2</td>
</tr>
<tr>
<td>RJ Baghouse</td>
<td>7.2</td>
<td>14.8 x 3.4</td>
<td>375.9 x 86.4</td>
<td>76.2</td>
</tr>
</tbody>
</table>

* Rounded to the nearest inch (mm). ** Environmental conditions involving combinations of high temperature, corrosive material and moisture can reduce media strength. Reduction in media strength may compromise bag integrity and performance. *** A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise bag integrity and performance.

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