Melt blown polypropylene depth filter elements are an exceptional value for general applications where economical filtration is required.

Donaldson® PP-FC 100 absolute depth filter elements are produced with proprietary melt blown microfiber technology using 100% pure polypropylene filter media. Our melt blown formula allows for exceptional dirt-holding capacity.

The PP-FC 100 uses an absolute graded density filter matrix—lower density at the surface of the filter with progressively higher density toward the center—which captures particles throughout the entire filter depth. This translates to higher efficiencies, longer life and fewer change outs, making the PP-FC 100 a great alternative to string-wound and nominal melt blown elements.

APPLICATIONS
The Donaldson PP-FC 100 element is designed and developed for the following industries and applications:

- Potable water filtration
- Chemical filtration - wide chemical compatibility
- Plating baths
- Amine filtration
- RO membrane prefiltration, spray nozzle protection and cleaning
- Cooling towers
- Oil and gas process water
- Pulp and paper processing

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>CFR TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter Media</td>
<td>Polypropylene</td>
</tr>
<tr>
<td>End Cap (if applicable)</td>
<td>Polypropylene</td>
</tr>
<tr>
<td>Gasket/O-Ring (if applicable)</td>
<td>EPDM (alternate material available upon request)</td>
</tr>
<tr>
<td>Spring (if applicable)</td>
<td>Polypropylene</td>
</tr>
</tbody>
</table>

DIMENSIONS

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
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</thead>
<tbody>
<tr>
<td>Nominal Diameter</td>
<td>2.5” (6.4 cm)</td>
</tr>
<tr>
<td>Nominal Length</td>
<td>10”, 20”, 30”, or 40” (alternate lengths available upon request)</td>
</tr>
</tbody>
</table>
AVAILABLE MICRON RATINGS
0.5, 1, 3, 5, 10, 20, 30, 50, and 75 microns

MAXIMUM TEMPERATURE
140°F

END CAP CONFIGURATION
Double Open End with Gasket, Plain End, Code 7, Spring End

RECOMMENDED FILTER CHANGE INTERVAL
35 psig differential pressure

FDA/NSF COMPLIANCE
Donaldson certifies that it uses no resin binders, lubricants, antistatic or release agents or other additives in the manufacture of these filter elements and that the resin used for manufacturing the filter media meets the food contact requirements of U.S. FDA 21 CFR regulations. All filter materials are NSF certified.

PP-FC 100 Differential Pressure
Per Ten Inch Equivalent (TIE) — Water

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, specifications, availability and data are subject to change without notice, and may vary by region or country.