Multi-Purpose Depth Filter Cartridges

- Precision wound depth filter cartridges provide cost effective filtration of fluids
- Premium cotton, standard cotton, premium polypropylene, natural cotton, and general purpose polypropylene filter media available
- Retention ratings from 1-200 µm
- Cartridge lengths from 9 ¾" (24.8 cm) to 50" (127 cm) permit rapid installation into most filter housings
- Core cover and extended core options available

Performance Specifications

Filter Grades:
1, 3, 5, 10, 20, 25, 30, 40, 50, 75, 100, 200 µm

Product Specifications

Materials of Construction:

Filter Media: Bleached FDA-listed cotton, standard cotton, natural cotton, FDA-listed polypropylene, standard polypropylene

Center Core: Polypropylene, Electrolytic Tin Plated steel (ETP), 304 and 316 stainless steel

Core Cover: Cover is used to control fiber migration. Material is compatible with and equal to the resistance of the filter media.

Extended Core: Provides additional fiber migration control and is available in polypropylene, electrolytic tin plated steel, 304 and 316 stainless steel.

Dimensions (nominal):

Lengths: 9 ¾" (24.8 cm), 10" (25.4 cm), 19 ¾" (49.5 cm), 20" (50.8 cm), 29 ¾" (74.9 cm), 30" (76.2 cm), 39" (99.1 cm), 39 ¾" (100.3 cm), 40" (102 cm), 50" (127 cm)
**Material Selection Guide**

<table>
<thead>
<tr>
<th>Filter Medium</th>
<th>Premium Cotton(^1)</th>
<th>Standard Cotton</th>
<th>Natural Cotton</th>
<th>Premium Polypropylene(^1)</th>
<th>Standard Polypropylene</th>
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<tbody>
<tr>
<td>Electrolytic Tin Plated Steel Core</td>
<td>300˚F (149˚C)</td>
<td>300˚F (149˚C)</td>
<td>300˚F (149˚C)</td>
<td>275˚F (135˚C)</td>
<td>275˚F (135˚C)</td>
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<tr>
<td>Stainless Steel Core</td>
<td>300˚F (149˚C)</td>
<td>300˚F (149˚C)</td>
<td>300˚F (149˚C)</td>
<td>275˚F (135˚C)</td>
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<tr>
<td>Polypropylene Core</td>
<td>140˚F (60˚C)</td>
<td>140˚F (60˚C)</td>
<td>140˚F (60˚C)</td>
<td>140˚F (60˚C)</td>
<td>140˚F (60˚C)</td>
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</tbody>
</table>

### Compatibility with:

- **Food**
  - Excellent
  - NR
  - NR
  - Excellent
  - NR

- **Beverages**
  - Excellent
  - NR
  - NR
  - Excellent
  - NR

- **Potable Water**
  - Excellent
  - NR
  - NR
  - Excellent
  - NR

- **Organic Solvents**
  - Excellent
  - Excellent
  - Excellent
  - Good
  - Good

- **Oils**
  - Excellent
  - Excellent
  - Excellent
  - Fair
  - Excellent

- **Organic Acids**
  - Good
  - Good
  - Good
  - Excellent
  - Excellent

- **Alkalies**
  - Good
  - Good
  - Good
  - Excellent
  - Excellent

- **Oxidizing Agents**
  - Fair
  - Fair
  - Fair
  - Good
  - Good

- **Steam**
  - NR
  - NR
  - NR
  - Fair
  - NR

- **Strong Inorganic Acids**
  - NR
  - NR
  - NR
  - Excellent
  - Excellent

- **Dilute Inorganic Acids**
  - Fair
  - Fair
  - Fair
  - Excellent
  - Excellent

- **Microorganism Resistance**
  - Poor
  - Poor
  - Poor
  - Excellent
  - Excellent

\(^1\) - FDA-listed materials.
NR = Not Recommended

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**Part Numbers/Ordering Information**

<table>
<thead>
<tr>
<th>Code</th>
<th>Filter Medium</th>
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<tbody>
<tr>
<td>1</td>
<td>Premium Cotton(^1)</td>
</tr>
<tr>
<td>3</td>
<td>Natural Cotton</td>
</tr>
<tr>
<td>5</td>
<td>Standard Polypropylene</td>
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<tr>
<td>10</td>
<td>20</td>
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<tr>
<th>Code</th>
<th>Cartridge Lengths (nominal)</th>
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<tr>
<td>9.75</td>
<td>9 3/4&quot;</td>
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<tr>
<td>19.5</td>
<td>19 1/2&quot;</td>
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<td>20&quot;</td>
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<td>30&quot;</td>
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<tr>
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<td>39&quot;</td>
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<td>39.5</td>
<td>39 1/2&quot;</td>
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<td>40&quot;</td>
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<table>
<thead>
<tr>
<th>Code</th>
<th>Core Cover Option</th>
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<td>C</td>
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<tr>
<td>A</td>
<td>Blank, None</td>
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<tr>
<td>S</td>
<td>304 Stainless Steel</td>
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<tr>
<td>T</td>
<td>316 Stainless Steel</td>
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<tr>
<td>U</td>
<td>Electrolytic Tin Plated Steel</td>
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<tr>
<td>EU</td>
<td>Polypropylene</td>
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</table>

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