**SCC MICRO-CARBON® II Series**

**Filter Cartridges**

**Powder Activated Carbon Cartridges Reduce Sediment, Tastes, Odors and Chlorine**
- Excellent Polishing Filter for Process or Closed-loop Streams
- Available in Nominal Retention Ratings of 1 and 5 Microns
- Constructed of Carbon-impregnated Cellulose Media Around a Polypropylene Core
- Polyester Layers in the 1 µm Cartridges Provide Additional Strength and Dirt Holding Capacity
- DOE End Configuration

**Typical Performance Specifications**

**Filter Grades:**
- 1 or 5 µm

**Recommended Maximum Flow Rates:**
- **1 µm:**
  - 10" (25.4 cm): 1 gpm (3.8 lpm)
  - 20" (50.8 cm): 2 gpm (7.6 lpm)
- **5 µm:**
  - 9 ¾" (24.8 cm): 1 gpm (3.8 lpm)
  - 20" (50.8 cm): 1 gpm (3.8 lpm)

**Chlorine Reduction @ Flow Rate (gpm)¹:**
- **10" (25.4 cm):**
  - @ 1 gpm (3.8 lpm): >5,000 gallons (18,927 l)
- **20" (50.8 cm):**
  - @ 1 gpm (3.8 lpm): >10,000 gallons (37,854 l)

**Maximum Operating Temperature:**
- 125°F (52°C)

**FDA Listed Materials:**
All polymeric materials are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

**Product Specifications**

**Materials of Construction:**
- **1 µm:**
  - **Filter Media:** Powder Activated Carbon Impregnated Cellulose
  - **End Caps:** Polypropylene
  - **Netting:** Polyethylene
  - **Inner/Outer Wraps:** Polyester Reinforcement Backing/Polyethylene Outer Netting
  - **Gaskets:** Buna N
- **5 µm:**
  - **Filter Media:** Powder Activated Carbon Impregnated Cellulose
  - **End Caps:** Vinyl Plastisol
  - **Netting:** Polyethylene
  - **Inner/Outer Wraps:** Cellulose Polyester Reinforcement Backing/Polyethylene Outer Netting

**Dimensions (nominal):**
- **1 µm:**
  - Outside Diameter: 2 ¼" (6.9 cm)
  - Inner Diameter: 1" (2.5 cm)
  - Lengths: 10" (25.4 cm)
- **5 µm:**
  - Outside Diameter: 2 ¼" (6.9 cm)
  - Inner Diameter: 1" (2.5 cm)
  - Lengths: 9 ¾" (24.8 cm), 20" (50.8 cm)

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¹ - Chlorine reduction data is for 2 ppm free chlorine to <0.5 ppm.
## Applications

<table>
<thead>
<tr>
<th>Water:</th>
<th>Oil Vapor</th>
<th>Organics</th>
<th>Taste, Odor, Color</th>
<th>Chlorine</th>
<th>Particulate Removal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drinking</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bottle Washing</td>
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<tr>
<td>Rinse Water</td>
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<tr>
<td>Single Pass</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>Recirculating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Use Pre-filter</td>
</tr>
</tbody>
</table>

**Chemicals:**

| Single Pass | ✓ | ✓ | ✓ |

**Gases:**

| Air, Plant    | ✓ | ✓ | ✓ |

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**WARNING:**
For drinking water applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:**
Some harmless bacteria will attack cellulose media cartridges. If your cartridge seems to disintegrate, or has a “musty or moldy” odor, switch to a synthetic media cartridge or consult Pall.

**CAUTION:**
Filter must be protected against freezing, which can cause cracking of the filter and water leakage.

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## Part Numbers/Ordering Information

**C • P –   (e.g., C10P–SCC1)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Cartridge Grades</th>
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</thead>
<tbody>
<tr>
<td>9.75</td>
<td>SCC1 1 µm (10”)</td>
</tr>
<tr>
<td>10</td>
<td>SCC1 5 µm (9.75” and 20”)</td>
</tr>
</tbody>
</table>

**Part Numbers/Ordering Information**

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