MicroSentry™ SCB Series
Carbon Block Filter Cartridges

- Extruded activated carbon block filter
- High adsorptive capacity – effectively reduces chlorine and organic chemicals that contribute to undesirable tastes and odors
- 5 micron filtration - high retention efficiency
- Minimal release of carbon fines
- No channeling, no fluidizing or bypass
- Competitively priced versus Granular Activated Carbon cartridges (GAC)
- Performance tested and verified by independent laboratory
- Available in standard 2 3/4” and 4 1/4” (BB Style) diameter configurations

Applications
- RO Prefilters
- Potable Water
- Water & Wastewater
- Plating Solutions
- Food & Beverages
- Chemicals
- Chlorine Removal
- Color Removal

Specifications & Operating Parameters

**Pore Sizes**
5 micron

**Nominal Lengths**
2.7” diameter - 9 3/4”, 20”, 30”, 40”
4.25” diameter - 9 3/4”, 20”

**Materials of Construction**
Filter Media: Powdered Activated Carbon
Outer Wrap: Melt Blown Polypropylene
End Cap/Netting: Polypropylene
End Cap Adhesive: Low Density Polyethylene

**Gaskets**
Santoprene (Polyethylene direct bond gaskets)

**Maximum Temperature**
125°F (52°C)

**Recommended Flush Procedure**
Filters should be flushed for 5 minutes prior to use

**Maximum Operating Pressure**
250 psi (17.2 bar)

**Maximum Differential Pressure**
100 psid (6.9 bar)

**Recommended Change-out Differential Pressure**
20 psid (1.4 bar)

**FDA Compliance**
Manufactured of FDA compliant materials with no additives or other manufacturing agents.

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Shelco manufactures a full line of filter housings. From our rugged single cartridge housings to our heavy duty multi-cartridge housings and bag filter housings, Shelco is the perfect choice for your filtration solutions.

### Ordering Guide (Example: SCB-20)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LENGTH</th>
<th>DIAMETER</th>
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</thead>
<tbody>
<tr>
<td>SCB</td>
<td>5 = 4 7/8&quot;</td>
<td>Blank = 2.7&quot;</td>
</tr>
<tr>
<td></td>
<td>975 = 9 3/4&quot;</td>
<td>BB = 4.5&quot;</td>
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<tr>
<td></td>
<td>20 = 20&quot;</td>
<td></td>
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<td></td>
<td>30 = 30&quot;</td>
<td></td>
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<tr>
<td></td>
<td>40 = 40&quot;</td>
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### Notes:
1. Projected chlorine, taste and odor reduction capacity when tested is accordance with NSF/ANSI standard 40 protocol.
2. Nominal particulate rating (5µm) is for 85% of a given size as determined from single pass particle counting results.
3. Service life of SCB cartridge is greatly extended by use of a prefiltration medium.

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