Filter cartridge
amaCarb AN-B

1. Introduction

The general purpose of filtering with activated carbon cartridges is to remove taste, odour and unwanted colour from water and other liquids, air and gases. The amaCarb AN-B and AS-B filter cartridge are an activated carbon impregnated cellulose filter cartridges. The filter media is wound on a polypropylene core. The polyester inner sleeve and the outer netting provide for additional strength. The amaCarb AN-B and AS-B are excellent cartridges to reduce chlorine, taste, odour, colour and organics in water and are an economical alternative to granular activated carbon cartridges.
2. Features

- Activated carbon impregnated cellulose
- Reduces chlorine, taste, odour, colour, organics and oil vapour
- 5 and 1 micron nominal particulate filtration
- Plastic materials according to FDA requirements

3. Product/Performance specifications

<table>
<thead>
<tr>
<th>Filter medium</th>
<th>Maximum operating temperature</th>
<th>Netting</th>
<th>Inner sleeve</th>
<th>Outer sleeve</th>
<th>End caps</th>
<th>Gaskets</th>
<th>Micron rating</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>activated carbon impregnated</td>
<td>50 °C for AN-B</td>
<td>polyethylene</td>
<td>cellulose polyester (AN-B)</td>
<td>polypropylene</td>
<td>polyvinyl plastisol (AN-B)</td>
<td>Buna-N</td>
<td>1 micron for AS-B</td>
<td>External diameter: 64 mm for AN-B</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5 micron for AN-B</td>
<td>Length: see ordering information</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Chlorine reduction data is for 2 ppm free chlorine to &lt; 0.5 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Food safety

The plastic materials of the filter cartridges comply with the FDA 21CFR177 requirements for the use in food and beverage applications.

Pre-rinse

Before filtration, the cartridges should be flushed for 5 minutes to remove all traces of carbon fines.

4. Ordering code

<table>
<thead>
<tr>
<th>amaCarb type</th>
<th>Length [inch]</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN-B-9.75U</td>
<td>9.75 (248 mm)</td>
</tr>
<tr>
<td>AN-B-20-U</td>
<td>20 (508 mm)</td>
</tr>
<tr>
<td>AS-B-9.75-U</td>
<td>9.75 (248 mm)</td>
</tr>
<tr>
<td>AS-B-10-U</td>
<td>10 (254 mm)</td>
</tr>
</tbody>
</table>

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