Filter Performance

<table>
<thead>
<tr>
<th>Candle Grade 49mm</th>
<th>Sterasyl®</th>
<th>Super Sterasyl®</th>
<th>ATC Super Sterasyl®</th>
<th>Supercarb®</th>
<th>Chlorasyl®</th>
<th>Ultracarb®</th>
<th>BioTect Ultra®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions.</td>
<td>Silver impregnated ceramic microfilter</td>
<td>Silver microfilter plus granular activated carbon</td>
<td>Silver microfilter plus granular activated carbon and lead removal media</td>
<td>Silver microfilter plus carbon block</td>
<td>Silver microfilter plus carbon block and lead removal media</td>
<td>Silver microfilter plus carbon block and heavy metals removal media</td>
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</tr>
</tbody>
</table>

Filtering Rating (% particulate filtration efficiency)
- Absolute (defined as >99.99%)
  - 0.9 micron
- Nominal (defined as >99.9%)
  - 0.5 to 0.8 micron
  - 0.5 to 0.8 micron
  - 0.5 to 0.8 micron
- Nominal (defined as >97%)
  - 0.2 to 0.3 micron

Working Pressure (for pressure filter use)
- Minimum: 10 psi
- Maximum: 125 psi

Working Parameters
- Working temperature range: 5 – 30 ºC
- Working pH range: 5.5 – 9.5

Flow Rate
- Unrestricted Flow at 3 Bar Pressure: up to Litres per minute
  - 5
- US gallons per minute
  - 1.33

Capacity
- Before replacement to guarantee performance:
  - Litres: 10,000
  - US gallons: 2600

Quality Approval
- Certificates version available: YES
- Approved: YES
- Turbidity reduction to NSF std. 53: >98%

Pathogenic Organisms
- % Bacteria Removal:
  - E. Coli / Vibrio / Shigella / Tyzicola / Klebsiella Terrigena: >99.99%
  - % Cyst Removal:
    - Cryptosporidium: >99.99%
    - Giardia: >99.99%
  - % Trace Organics Removal:
    - Insecticides: Lindane @ 0.1ppb presence
    - Herbicides: Atrazine @ 1.2ppb presence
    - Phenols: TCP @ 1.2ppb presence
    - Polynuclear Hydrocarbons: PAHs @ 0.2ppb presence
    - Trihalomethanes: Chloroform @ 150ppb presence
    - Enhanced Organics Removal
      - Lindane: 2ppb presence
      - Atrazine: 9ppb presence
      - Benzene: 15ppb presence
  - Inorganics Removal
    - Free Chlorine Removal: 2ppm presence
    - Monochloramine Reduction: 3ppm presence

Scale Inhibition
- Slow release scale inhibition available with Ultracarb® S® and Supercarb® S® ceramic filter candles.

State restrictions may limit the availability of certain products in California, Iowa and Wisconsin. For product availability in these States please refer to our website: www.faireyceramics.com

† Internally generated test data.
‡ Under approval process.