### Filter Performance

#### Filter Performance

**Sterasyl®**  
Silver impregnated ceramic microfilter  
**Super Sterasyl®**  
Silver impregnated plus granular activated carbon  
**Ultra Sterasyl®**  
Silver impregnated plus granular activated carbon and lead removal media  
**ATC Super Sterasyl®**  
Silver impregnated plus granular activated carbon and lead removal media with activated carbon  
**Ultra Fluoride®**  
Silver impregnated plus carbon block removal media  
**Chlorane®**  
Silver impregnated plus carbon block removal media  
**Ultracarb®**  
Silver impregnated plus carbon block core and heavy metals with lead removal media  
**BioClip®**  
Silver impregnated plus carbon block core and heavy metals with lead removal media

#### Filtration Rating (% particulate filtration efficiency)

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<tr>
<td>Absolute (defined as &gt;99.99%)</td>
<td>5 – 30 (°C)</td>
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<tr>
<td>Nominal (defined as &gt;99.9%)</td>
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#### Flow Rate

- **Unrestricted Flow at 1 Bar Pressure up to 1 l per minute**
  - US gallons per minute: 1.33, 1.2
  - Flow rate: 1.2 l/hr under gravity

- **To achieve maximum performance**
  - US gallons per minute: 1.33, 1.2
  - Flow rate: 1.2 l/hr under gravity

#### Capacity

- **Before replacement to guarantee performance**
  - Litres: 10,000, 2600
  - Flow rate: 5 l/min

- **Fluoride Removal**  
  - Fluoride tested to 1000 L
  - Flow rate: 1.2 l/hr under gravity

#### Pathogenic Organisms

- **% Bacteria Removal**
  - E. Coli / Shigella / Staphylococcus: >99.9%
  - Typhoid / Klebsiella Terrigena: >99.9%
  - Cryptosporidium: >99.9%
  - Giardia: >99.99%
  - % Cyst Removal: Cryptosporidium: >99.99%

#### Trace Organics Removal

- **Organics Removal**
  - Lead: <0.5 ppm presence
  - Arsenic: <0.5 ppm presence
  - Polychlorinated Biphenyls: <0.5 ppm presence
  - Polycyclic Aromatic Hydrocarbons: <0.5 ppm presence

#### Enhanced Organics Removal

- **Pharmaceuticals**
  - Lindane: <0.5 ppm presence
  - Ataluren: <0.5 ppm presence
  - Amiodarone: <0.5 ppm presence

#### Inorganics Removal

- **Free Chlorine Removal**
  - 2 ppm presence to NSF Class 1 Std 42
  - Flow rate: 1.2 l/hr under gravity

#### Monochloramine Reduction

- **3 ppm presence**
  - Flow rate: 1.2 l/hr under gravity

#### Heavy Metal Reduction

- **Lead**
  - Lead reduction pH 6.5: 0.05 ppm presence to NSF Std 42

- **Mercury**
  - Mercury reduction pH 6.5: <0.05 ppm presence

- **Cadmium**
  - Cadmium reduction pH 6.5: <0.05 ppm presence

- **Range of Metals**
  - Range of Metals pH 6.5: >95%

#### Scale Inhibition

- **Scale release scale inhibition available with Ultracarb® and BioClip® ceramic filter candles.

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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.doulton.com

† Internally generated test data.
‡ Under approval process.
* Ceramics tested in HIS filter housing with a minimum of 5 log/100ml influent challenge.