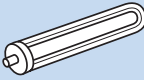
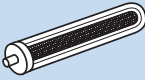

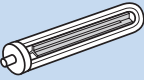
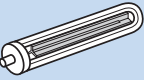




Filter Performance (verified by independent laboratories)

| Candle Grade 49mmø Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions. | | |  |  |  |  |  | |
|---|---|---|--|---|--|---|---|-------------------|
| | | | *Sterasyl™ Silver impregnated ceramic microfilter | *Super Sterasyl™ Sterasyl microfilter plus granular activated carbon | *ATC Super Sterasyl™ Sterasyl microfilter plus granular activated carbon and lead removal media | *Supercarb™ Sterasyl microfilter plus carbon block core | *Ultracarb™ Sterasyl microfilter plus carbon block core and lead removal media | |
| Filtration Rating (% particulate filtration efficiency) | | | Absolute (defined as >99.99%) | 0.9 micron | 0.9 micron | 0.9 micron | 0.9 micron | 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 | 0.5 to 0.8 micron | 0.5 to 0.8 micron |
| Working Pressure (for pressure filter use) | | | Minimum | 10 psi | 10 psi | N/A | 10 psi | 10 psi |
| | | | Maximum | 125 psi | 125 psi | N/A | 125 psi | 125 psi |
| Working Parameters | | | Working Temperature Range | 5 - 38 (°C) | 5 - 38 (°C) | 5 - 38 (°C) | 5 - 38 (°C) | 5 - 38 (°C) |
| | | | Working pH Range | 5.5 - 9.5 | 5.5 - 9.5 | 5.5 - 9.5 | 5.5 - 9.5 | 5.5 - 9.5 |
| | | | Suitable for use in Gravity Filters | YES | YES | YES | NO | NO |
| | | | Recommended Change Frequency | 12 months | 6 months | 6 months | 6 months | 6 months |
| Flow Rate | Unrestricted Flow at 3 Bar Pressure | Litres per minute | 5 | 4.5 | N/A | 3.7 | 3.3 | |
| | | US gallons per minute | 1.33 | 1.2 | N/A | 1 | 0.9 | |
| | To achieve maximum performance | Litres per minute | N/A | 1.5 | 1.2 l/hr under gravity | 1.9 | 1.9 | |
| | | US gallons per minute | N/A | 0.4 | 0.3 g/hr under gravity | 0.53 | 0.53 | |
| Capacity | Before replacement to guarantee performance | Litres | 10,000 | 2000 | 1500 | 3800 | 2300 | |
| | | US gallons | 2600 | 535 | 400 | 1000 | 600 | |
| Quality Approval | | |  approved version available | YES | NO | NO | YES | YES |
| | | |  approved | YES | YES | NO | YES | YES |
| | | | Turbidity reduction to NSF std. 53 | >98% | >98% | >98% | >98% | >98% |
| Pathogenic Organisms | % Bacteria Removal | E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena | >99.99% | >99.99% | >99.99% | >99.99% | >99.99% | |
| | % Cyst Removal | Cryptosporidium | >99.99% | >99.99% | >99.99% | >99.99% | >99.99% | |
| | | Giardia | >99.99% | >99.99% | >99.99% | >99.99% | >99.99% | |
| Trace Organics Removal | Insecticides | Lindane @ 0.1ppb presence | N/A | NO DATA | >80% | >85% | >85% | |
| | Herbicides | Atrazine @ 1.2ppb presence | N/A | NO DATA | >80% | >85% | >85% | |
| | Phenols | TCP @ 1.2ppb presence | N/A | NO DATA | >80% | >50% | >50% | |
| | Polyaromatic Hydrocarbons | PAH's @ 0.2ppb presence | N/A | NO DATA | >80% | >95% | >95% | |
| | Trihalomethanes | Chloroform @ 150ppb presence | N/A | NO DATA | >66% | >50% | >50% | |
| Inorganics Removal | Free Chlorine Removal | 2mg cl/l challenge | N/A | Under Gravity >95% Under Pressure >50% | >95% under gravity | >97% NSF Class 1 std. 42 | >96% NSF Class 1 std. 42 | |
| | Lead Removal | @ pH 6.5 after 2,244L | N/A | N/A | >94% under gravity | N/A | >99.3% NSF std. 53 | |
| | | @ pH 8.5 after 2,244L | N/A | N/A | N/A | N/A | 99.2% NSF std. 53 | |

*Please note that these products are not available for sale in California. For products that are for sale in California please refer to our website www.faireyceramics.com