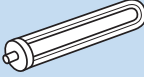
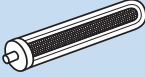
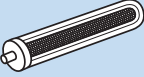
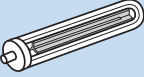
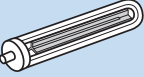




# Filter Performance (verified by independent laboratories)

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*
			 approved	YES	YES	NO	YES
			Turbidity reduction to NSF std. 53	>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	NO DATA	>85%	>85%
	Herbicides	Atrazine @ 1.2ppb presence	N/A	NO DATA	NO DATA	>85%	>85%
	Phenols	TCP @ 1.2ppb presence	N/A	NO DATA	NO DATA	>50%	>50%
	Polyaromatic Hydrocarbons	PAH's @ 0.2ppb presence	N/A	NO DATA	NO DATA	>95%	>95%
	Trihalomethanes	Chloroform @ 150ppb presence	N/A	NO DATA	NO DATA	>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](http://www.faireyceramics.com)

\*NSF approved replacement elements are Doulton Sterasyl™, Doulton Supercarb™ and Doulton Ultracarb™ as verified by testing in HIP/Inline systems.