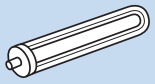
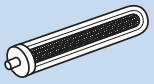
Filter Performance (verified by independent laboratories)

Candle Grade 49mmø

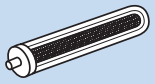
Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions.



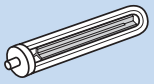
***Sterasyl™**
Silver impregnated ceramic microfilter



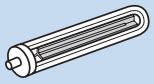
***Super Sterasyl™**
Sterasyl microfilter plus granular activated carbon



***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

			*Sterasyl™	*Super Sterasyl™	*ATC Super Sterasyl™	*Supercarb™	*Ultracarb™
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 Frequenc	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 performanc	Litres	10,000	2000	1500	3800	2300
		US gallons	2600	535	400	1000	600
Quality Approval		NSF approved version available	YES	NO	NO	YES	YES
		WRAS 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 Hydrocarbon	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