

Candle Grade 49mmo Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions	Sterasyll Silver impregnated ceramic microfilter	Super Sterasyll Sterasyll microfilter plus granular activated carbon	ATC Super Sterasyll Sterasyll microfilter plus granular activated carbon and lead removal media	Supercarb Sterasyll microfilter plus carbon block core	Ultracarb Sterasyll Microfilter plus carbon block core and lead removal media
Filtration Rating – Absolute (% particulate filtration efficiency) (defined as >99.99%)	0.9 micron	0.9 micron	0.9 micron	0.9 micron	0.9 micron
Filtration Rating – Nominal (% particulate filtration efficiency) (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 – Minimum (for pressure filter use)	10 psi	10 psi	N/A	10 psi	10 psi
Working Pressure – Maximum (for pressure filter use)	125 psi	125 psi	N/A	125 psi	125 Psi
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	5.25-9.25	5.25-9.25
Suitable for Gravity Filters?	Yes	Yes	Yes	No	No
Reccomended Change Time	12 Months	8 Months	6 Months	6 Months	6 Months
Litres capacity (guaranteed performance)	10000	2000	1500	3800	2300
Gallons capacity (guaranteed performance)	2600	535	400	1000	600
Flow Rate – Unrestricted (litres per minute)	5	4.5	N/A	3.7	3.3
Flow Rate – Max Performance (litres per minute)	1.3	1.2	N/A	1	0.9
Flow Rate – Unrestricted (gallons per minute)	N/A	1.5	1.21/Hour under gravity	1.9	1.9
Flow Rate – Max Performance (gallons per minute)	N/A	0.4	1.3/Hour under gravity	0.53	0.53
Bactirea Removal (E.Coli, cholera, shigella, typhoid)	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
Cyst Removal (crptosporidium, giardia)	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
Insecticides removal (lindane @ 0.1 ppb prescence)	N/A	No Data	80.00%	85.00%	85.00%
Herbicides Removal (atrazine @ 1.2 ppb prescence)	N/A	No Data	80.00%	85.00%	85.00%
Pherols Removal (TCP @ 1.2 ppb prescence)	N/A	No Data	80.00%	50.00%	50.00%
Polyaromatic Hydrocarbons Removal (PAH's @ 0.2 ppb prescence)	N/A	No Data	80.00%	95.00%	95.00%
Trihalomethanes Removal (chloroform @ 150 ppb prescence)	N/A	No Data	66.00%	50.00%	50.00%
Free Chlorine Removal (2mg Cm Challenge)	N/A	Under Gravity 95% Under Pessure 50%	Under Gravity 95%	97% NSF class 1 std .42	96% NSF class 1 std .42
Lead Removal (@ pH 6.5 after 2,244L)	N/A	N/A	Under Gravity 94%	N/A	99.3% NSF std .53
Lead Removal (@ pH 6.5 after 2,244L)	N/A	N/A	N/A	N/A	99.2% NSF std .53
NSE Approved?	Yes	No	No	Yes	Yes
WKAS approved?	Yes	Yes	No	Yes	Yes
Turbidity Reduction To NSF Std. 53	98.00%	98.00%	98.00%	98.00%	98.00%