

Healthy water, healthy life.

Filter Performance



		Sterasyt®	Super Sterasyt®	Ultra Sterasyt®	Ultracarb®	BioTect Ultra®
Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions		Silver impregnated ceramic microfilter	Sterasyt® microfilter plus granular activated carbon	Sterasyt® microfilter plus granular activated carbon and lead removal media	Sterasyt® microfilter plus carbon block core and lead removal media	Sterasyt® microfilter plus carbon block core and heavy metals with 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 – 30 (°C)	5 – 30 (°C)	5 – 30 (°C)	5 – 30 (°C)	5 – 30 (°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	N/A	N/A
	Recommended change frequency	12 months	6 months	6 months	6 months	6 months
Flow Rate	Unrestricted Flow at 3 Bar Pressure up to	5	4.5	N/A	3.3	3.3
	To achieve maximum performance	Litres per minute US gallons per minute	1.33 1.2	N/A 1.2 l/hr under gravity	0.9 1.9	0.9 1.9
Capacity	Before replacement to guarantee performance	Litres US gallons	2000 535	1500 400	2300 600	2300 600
	Quality Approval	WRAS approved Turbidity reduction	YES >98%	YES >98%	YES >98%	YES >98%
Pathogenic Organisms	% Bacteria Removal*	E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena	>99.99%	>99.99%	>99.99%	>99.99%
	% Cyst Removal	Cryptosporidium Giardia	>99.99%	>99.99%	>99.99%	>99.99%
	Trace Organics Removal	Insecticides Herbicides Phenols Polycyclic Aromatic Hydrocarbons Trihalomethanes	Lindane @ 0.1ppb presence Atrazine @ 1.2ppb presence TCP @ 1.2ppb presence PAHs @ 0.2ppb presence Chloroform @ 150ppb presence	N/A N/A N/A N/A N/A	NO DATA NO DATA NO DATA NO DATA NO DATA	>85% >85% >50% >95% >50%
Range of Pesticides*	including Atrazine, Metalachlor, Cyanazine, Alachlor & PCBs			>95%		
Enhanced Organics Removal	Lindane	≥2ppb presence	N/A	>99%	>99%	N/A
	Atrazine	≥9ppb presence	N/A	>99.38%	99.38%	N/A
	Benzene	≥15ppb presence	N/A	>99% [^]	>99% [^]	N/A
Pharmaceuticals*	including Testosterone, Bisphenol A, Ibuprofen, Naproxen & Estrone			>99.5%		
Inorganics Removal	Free Chlorine Removal	2ppm presence to NSF Class 1 Std 42	N/A	Under Gravity >99% Under Pressure >50%	>99% under gravity	94.2%
Monochloramine Reduction	3ppm presence 2ppm presence	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A Ave 64%
Heavy Metals Removal	Lead reduction pH6.5	@ 150ppb presence to NSF Std 53	N/A	N/A	Ave 99.5%	98.9%
	Lead reduction pH8.5	@ 150ppb presence to NSF Std 53	N/A	N/A	Ave 99.5%	†99.1%
	Mercury reduction pH6.5	@ 6ppb presence	N/A	N/A	N/A	Ave 99%
	Cadmium reduction pH 6.5	@ 30ppb presence	N/A	N/A	N/A	Ave 95%
	Range of Metals pH 6.5*				81.5%	N/A
Range of Metals pH 8.5*				81%	N/A	
Scale Inhibition	Slow release scale inhibition available with Ultracarb SI® and BioTect Ultra SI® ceramic filter candles.					

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/100mls influent challenge.

^Tested as Hexachlorobenzene

A GENUINE WATER FILTER

MADE IN BRITAIN

