

Healthy water, healthy life.



Filter Performance

		Sterasyt®	Super Sterasyt®	Ultra Sterasyt®	ATC Super Sterasyt®	Ultra Fluoride®	Chlorasyt®	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 granular activated carbon and lead removal media	Sterasyt® microfilter plus Fluoride and lead removal media with activated carbon	Sterasyt® microfilter plus carbon block core 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	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	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	N/A	N/A	10 psi	10 psi	10 psi
	Maximum	125 psi	125 psi	N/A	N/A	N/A	125 psi	125 psi	125 psi
Working Parameters	Working temperature range	5 – 30 (°C)	5 – 30 (°C)	5 – 30 (°C)	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	5.5 – 9.5	5.5 – 9.5	5.5 – 9.5
	Suitable for use in Gravity filters	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Recommended change frequency	12 months	6 months	6 months	6 months	6 months	6 months	6 months	6 months
Flow Rate	Unrestricted Flow at 3 Bar Pressure up to	5 Litres per minute	4.5 Litres per minute	N/A	N/A	N/A	3.7 Litres per minute	3.3 Litres per minute	3.3 Litres per minute
	To achieve maximum performance	1.33 US gallons per minute	1.2 US gallons per minute	N/A	N/A	N/A	1 US gallons per minute	0.9 US gallons per minute	0.9 US gallons per minute
Capacity	Before replacement to guarantee performance	10,000 Litres	2000 Litres	1500 Litres	1500 Litres	1500 Litres	3800 Litres	2300 Litres	2300 Litres
		2600 US gallons	535 US gallons	400 US gallons	400 US gallons	400 US gallons	1000 US gallons	600 US gallons	600 US gallons
Quality Approval	WRIS approved Turbidity reduction	YES >98%	YES >98%	NO >98%	NO >98%	NO >98%	NO >98%	YES >98%	†PENDING >98%
Fluoride Removal	Fluoride tested to 1500L 5ppm presence					Ave 36%			
	Fluoride tested to 1000L 5ppm presence					Ave 46%			
Pathogenic Organisms	% Bacteria Removal* E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
	% Cyst Removal Cryptosporidium	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
	Giardia	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
Trace Organics Removal	Range of Pesticides*			>95%	>95%			>85%	NO DATA
	Insecticides Lindane @ 0.1ppb presence	N/A	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	>85%	>85%
	Herbicides Atrazine @ 1.2ppb presence	N/A	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	>50%	>50%
	Phenols TCP @ 1.2ppb presence	N/A	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	>95%	>95%
	Polyaromatic Hydrocarbons PAHs @ 0.2ppb presence	N/A	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA	>50%	>50%
	Trihalomethanes Chloroform @ 150ppb presence	N/A	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA		
Enhanced Organics Removal	Pharmaceuticals*			>99.5%	>99.5%	NO DATA		N/A	Ave 70%
	Lindane ≥2ppb presence	N/A	>99%	>99%	>99%	NO DATA	Ave 95%	N/A	Ave 90%
	Atrazine ≥9ppb presence	N/A	>99.38%	99.38%	99.38%	NO DATA	N/A	N/A	Ave 87%
	Benzene ≥15ppb presence	N/A	>99% [†]	>99% [†]	>99% [†]	NO DATA	Ave 87%	N/A	
Inorganics Removal	Free Chlorine Removal		Under Gravity >99%	>99% under gravity	>99% under gravity	Ave 97.2%	>97%	94.2%	† >96%
	NSF Class 1 Std 42	N/A	Under Pressure >50%						
Monochloramine Reduction	3ppm presence	N/A	N/A	N/A	N/A	N/A	Ave 95% (600 USG)	N/A	N/A
	2ppm presence	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%	Ave 99.5%	Ave 99.5%	N/A	97.3%	98.9%
	Lead reduction pH8.5 @ 150ppb presence to NSF Std 53	N/A	N/A	Ave 99.5%	Ave 99.5%	N/A	N/A	99.5%	†99.1%
	Mercury reduction pH6.5 @ 6ppb presence	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Ave 90%
	Cadmium reduction pH 6.5 @ 30ppb presence	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Ave 95%
	Range of Metals pH 6.5*			81.5%	81.5%	81.5%	N/A	N/A	N/A
	Range of Metals pH 8.5*			81%	81%	81%	N/A	N/A	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

