

Continuing the revolution in Ceramic Filtration Technology.

Filter Grades

Doulton® and British Berkefeld® ceramic filter elements are available in 6 grades. The grade you ultimately choose will depend on which contaminants you want to remove from the water.

At the heart of every Doulton® and British Berkefeld® water filter candle is a Sterasyl® silver impregnated ceramic microfilter.

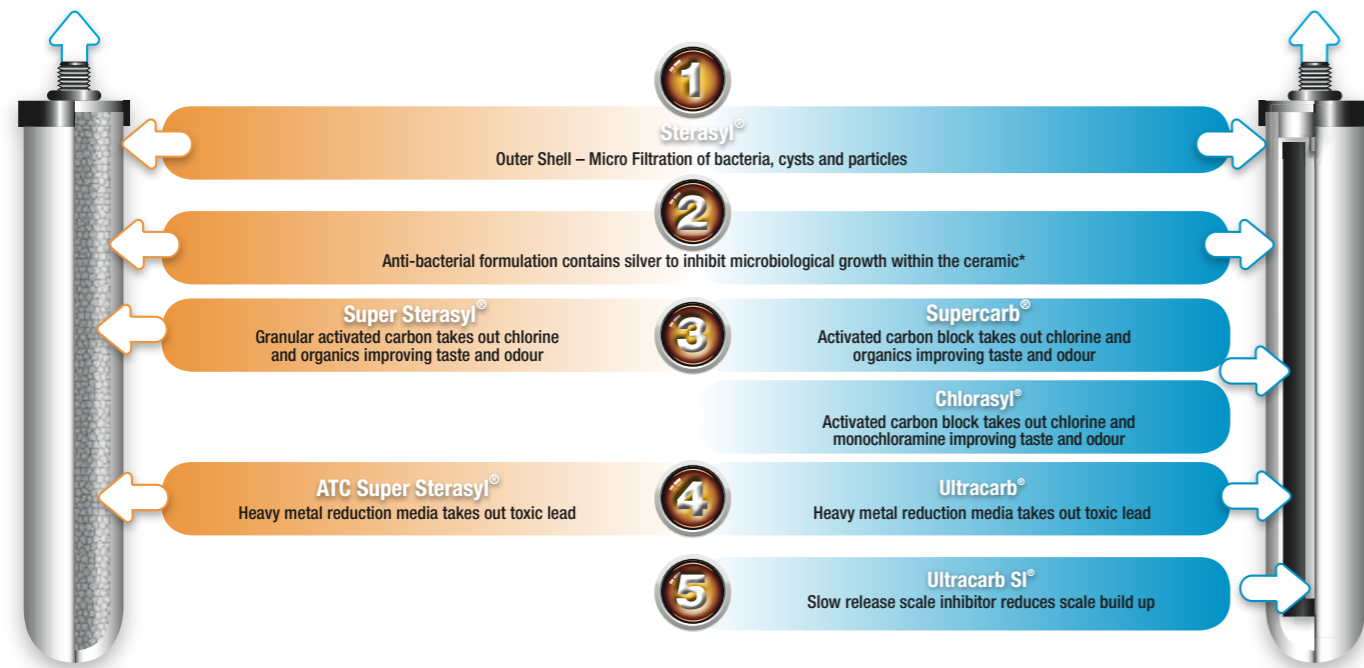
The incorporation of silver locked within the ceramic structure inhibits the growth of bacteria on the filter.

By incorporating activated carbon in the form of granular carbon or carbon block, the Sterasyl® ceramic can also be produced in Super

SterasyI®, Supercarb® and ChlorasyI® grades which combine the advantages of ceramic and carbon treatment within a single filter element.

At the top end of the product range the ATC Super SterasyI® and Ultracarb® candles have an additional ion exchange media which reduces Lead and other harmful heavy metals.

The Supercarb SI® and Ultracarb SI® candles also incorporate a slow release scale inhibitor to reduce the unwanted effects of scale build-up.



Authenticate and Register your Ceramic Drinking Water Filter

The unique 10 digit authenticity code printed on every single ceramic filter enables you to authenticate and register your product directly with the manufacturer.

This gives you the reassurance that you have purchased a genuine Doulton® or British Berkefeld® product that has been precision made, in England, to the highest standards.

Authenticity and registration can be completed online by visiting www.doulton.com

To ensure an accurate match with the manufacturing database input both the Product Reference Code and the Unique Authenticity Code (indicated below) and follow the instructions on screen.

Unique Authenticity Code



Product Reference Code

AUTHENTICITY GUARANTEE

Filter Performance

Verified by independent laboratories

Candle Grade 49mm

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

		SterasyI®	Super SterasyI®	ATC Super SterasyI®	Supercarb®	ChlorasyI®	Ultracarb®
		Silver impregnated ceramic microfilter activated carbon	SterasyI® microfilter plus granular activated carbon and lead removal media	SterasyI® microfilter plus granular core	SterasyI® microfilter plus carbon block core	SterasyI® microfilter plus carbon block core	SterasyI® microfilter plus carbon block core and heavy metals removal media
Filtration Rating (% particulate filtration efficiency)	Absolute (defined as >99.99%) Nominal (defined as >99.9%)	0.9 micron 0.5 to 0.8 micron	0.9 micron 0.5 to 0.8 micron	0.9 micron 0.5 to 0.8 micron	0.9 micron 0.5 to 0.8 micron	0.9 micron 0.5 to 0.8 micron	0.9 micron 0.5 to 0.8 micron
Working Pressure (for pressure filter use)	Minimum Maximum	10 psi 125 psi	10 psi 125 psi	N/A N/A	10 psi 125 psi	10 psi 125 psi	10 psi 125 psi
Working Parameters	Working temperature range Working pH range Suitable for use in Gravity filters Recommended change frequency	5 - 30 (°C) 5.5 - 9.5 Yes 12 months	5 - 30 (°C) 5.5 - 9.5 Yes 6 months	5 - 30 (°C) 5.5 - 9.5 Yes 6 months	5 - 30 (°C) 5.5 - 9.5 Yes 6 months	5 - 30 (°C) 5.5 - 9.5 Yes 6 months	5 - 30 (°C) 5.5 - 9.5 Yes 6 months
Flow Rate	Unrestricted Flow at 3 Bar Pressure up to To achieve maximum performance	5 1.33 N/A	4.5 1.2 1.2 l/hr under gravity 0.3 g/hr under gravity	N/A N/A 1.2 l/hr under gravity 0.3 g/hr under gravity	3.7 1 1.9 0.5	3.7 1 1.9 0.5	3.3 0.9 1.9 0.5
Capacity	Before replacement to guarantee performance	Litres US gallons 10,000 2600	2000 535	1500 400	3800 1000	3800 1000	2300 600
Quality Approval	NSF certified version available NSF approved Turbidity reduction to NSF std. 53	YES* YES >98%	NO YES >98%	NO NO >98%	YES* YES >98%	NO NO >98%	YES* YES >98%
Pathogenic Organisms	% Bacteria Removal* % Cyst Removal	E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena >99.99% >99.99% >99.99%	>99.99% >99.99% >99.99%	>99.99% >99.99% >99.99%	>99.99% >99.99% >99.99%	>99.99% >99.99% >99.99%	>99.99% >99.99% >99.99%
Trace Organics Removal	Insecticides Herbicides Phenols Polyaromatic Hydrocarbons Trihalomethanes	Lindane @ 0.1ppb presence N/A N/A N/A N/A	NO DATA NO DATA NO DATA NO DATA NO DATA	NO DATA NO DATA NO DATA NO DATA NO DATA	>85% >85% >50% >95% >50%	NO DATA NO DATA NO DATA NO DATA NO DATA	>85% >85% >50% >95% >50%
Enhanced Organics Removal	Lindane Atrazine Benzene	2ppb presence 9ppb presence 15ppb presence	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	Ave 95% N/A Ave 87%	N/A N/A N/A
Inorganics Removal	Free Chlorine Removal	2ppm presence to NSF Class 1 Std 42	N/A	Under Gravity >95% † Under Pressure >50% †	>95% under gravity † >97%	>97%	>96%
Monochloramine Reduction	3ppm presence 2ppm presence	N/A N/A	N/A N/A	N/A N/A	N/A N/A	Ave 95% (600 USG) N/A	N/A N/A
Heavy Metals Removal	Lead reduction pH6.5 Lead reduction pH8.5 Mercury reduction pH6.5 Cadmium reduction pH 6.5	@ 150ppb presence to NSF Std 53 @ 150ppb presence to NSF Std 53 @ 6ppb presence @ 30ppb presence	N/A N/A N/A N/A	N/A N/A N/A N/A	>94% under gravity N/A N/A N/A	N/A N/A N/A N/A	98.7% 98.7% N/A N/A
Scale Inhibition	Slow release scale inhibition available with Ultracarb SI® and Supercarb 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.faireyceramics.com
 * NSF certified replacement elements are Doulton SterasyI®, Doulton Supercarb®, Doulton Ultracarb® and Doulton BioTect Ultra® as verified by testing in HIP In-line, and EcoFast® In-line Systems.
 † Internally generated test data. ‡ Under approval process. *Ceramics tested in HIS filter housing with a minimum of 5 log/100mls influent challenge.