

Clean, healthy, great-tasting water on tap®

Ceramic Filtration Technology



Reasons for Ceramic

- **High Efficiency Filter.** 99.99% plus filtration of bacteria, cysts, turbidity and particles
- **Enhanced Anti-Bacterial Properties.** Silver impregnated to inhibit microbiological growth within the ceramic filter
- **Retains Essential Minerals.** Does not remove those minerals from the water which are beneficial to health
- **Eco Friendly.** Made from 100% natural earths and uses activated carbon
- **Long Life.** Cleanable filter surface for prolonged life
- **Value for Money.** Cost effective to run, no power required

Filter Grades

Doulton® manufactures a range of ceramic filter candles. Each grade provides filtration performance specific to a particular contaminant, allowing the ceramic filter candle to be matched to the requirements of the local water conditions.

Filter Format

There are two ceramic filter formats: Candle and Cartridge. The format used is dictated by the filter housing.

Candle

Ceramic filter candles have a domed end and are available in 2 standard diameters:

2 standard diameters:

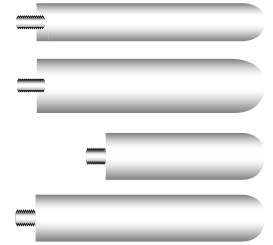
Slimline: 2 inches/49 mm.

Imperial: 2¾ inches/67mm

2 standard lengths:

7 inches/177mm

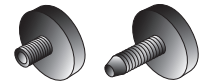
10 inches/254mm.



Each candle has a plastic mount on the top to fix it into the filter housing. Candles are manufactured as standard with a ¼ inch BSP threaded mount, available in two lengths:

Short mount: ¾ inch/19mm.

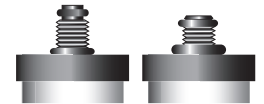
Long mount: 1 ½ inch/38mm



Alternative threaded mounts are available, which are specific to a particular filter housing:

M15: ¾ inch/19mm

M12: ¾ inch/19mm



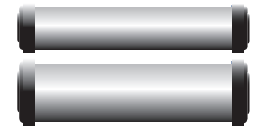
Cartridge

Cartridges (OBEs) have a plastic mount and rubber washer at both ends. They are designed to fit industry standard 10 inch filter housings.

Cartridges are manufactured at a standard length of 9 ¾"/248mm and two standard diameters:

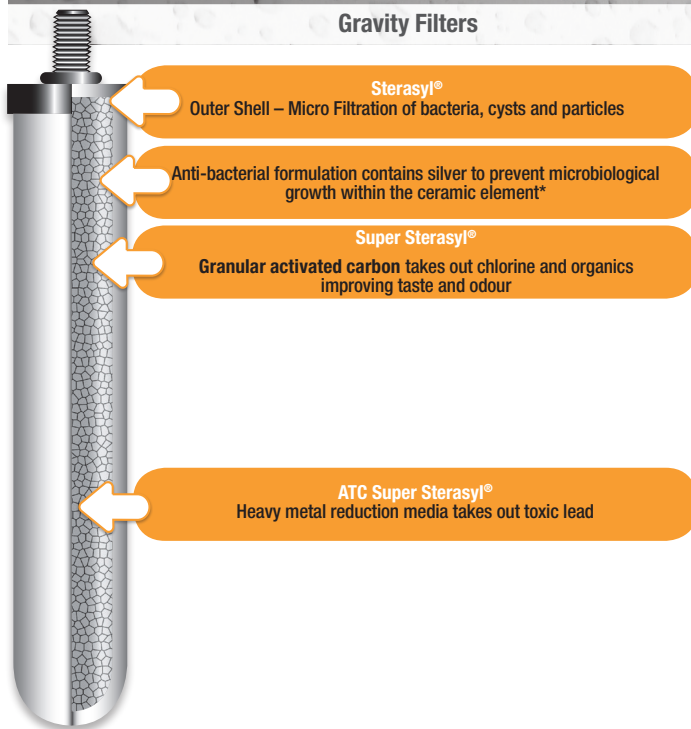
Slimline: 2 inches/49mm

Imperial: 2¾ inches/67mm

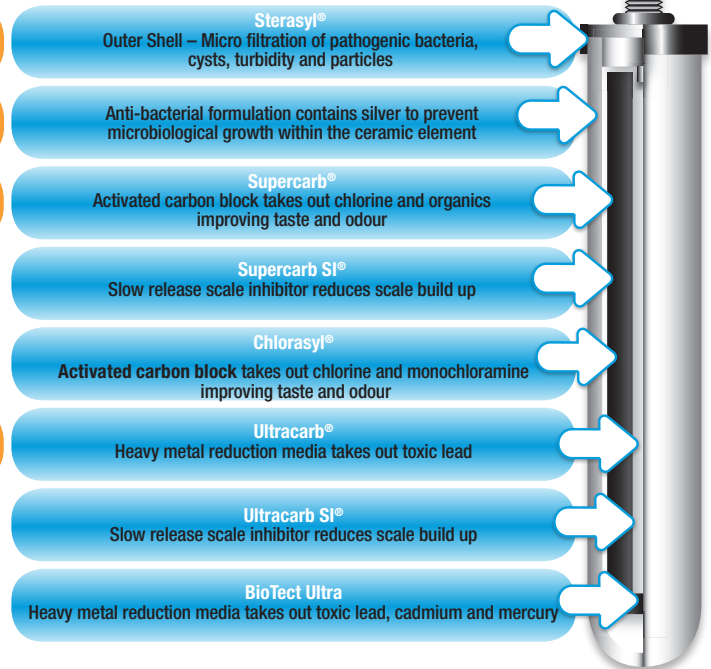


Multi-Stage Filtration

Gravity Filters



Pressure Filters



Filtration - at a glance[®]

Ceramic Filtration Technology



		Sterasy [®]	Super Sterasy [®]	ATC Super Sterasy [®]	Supercarb [®]	Chlorasy [®]	Ultracarb [®]	BioTect Ultra ⁺
Bacteria - E.Coli /Cholera / Shigella / Typhoid / Klebsiella Terrigena		✓	✓	✓	✓	✓	✓	✓
Cyst - Cryptosporidium / Giardia		✓	✓	✓	✓	✓	✓	✓
Particles		✓	✓	✓	✓	✓	✓	✓
Chlorine			✓	✓	✓	✓	✓	✓
Monochloramine						✓		✓
Trace Organics – Insecticides (Lindane) / Herbicides (Atrazine) / Phenols (TCP) / Polyaromatic Hydrocarbons / Trihalomethane (Chloroform)					✓		✓	✓
Enhanced Organics - Benzene / Atrazine / Lindane						✓		✓
Heavy metals	Lead			✓			✓	✓
	Cadmium							✓
	Mercury							✓
Capacity before replacement to guarantee performance - Litres	1,500 +		✓	✓				
	2,300 +						✓	✓
	3,800 +				✓	✓		
	10,000 +	✓						
Typical unrestricted flow rate at 3 bar pressure - litres per minute	3.3+						✓	✓
	3.7+				✓	✓		
	4.5 +		✓					
	5+	✓						
Flow rate to achieve maximum performance (0.5 GPM):			Gravity	Gravity	✓	✓	✓	✓
Key Features								
Mount	BSP	✓	✓	✓	✓	✓	✓	
	M15				✓		✓	
	M12							✓
BioTect [®] protected ceramic microfilter		✓	✓	✓	✓	✓	✓	✓
Activated Carbon	Granular		✓	✓				
	Block				✓	✓	✓	✓
Sub-micron Particulate Filtration		✓	✓	✓	✓	✓	✓	✓
Turbidity reduction		✓	✓	✓	✓	✓	✓	✓
Working Pressure	Min 10 psi	✓	✓		✓	✓	✓	✓
	Max 125 psi	✓	✓		✓	✓	✓	✓
Working Parameters	Temperature 5 - 30°C	✓	✓	✓	✓	✓	✓	✓
	PH Range 5.5 - 9.5	✓	✓	✓	✓	✓	✓	✓
	Suitable for gravity filters	✓	✓	✓				
Quality Approval	NSF	✓			✓		✓	✓
	WRAS	✓	✓		✓		✓	✓

Scale Inhibition

Slow release scale inhibition available with Supercarb SI[®] and Ultracarb SI[®] ceramic filter candles.

For full technical and performance specifications and product availability please refer to the technical performance table on our website.

NSF certified replacement elements are Doulton Sterasy[®], Doulton Supercarb[®], Doulton Ultracarb[®] and Doulton BioTect Ultra[®] as verified by testing in HIP Inline, and EcoFast[®] Inline Systems. Ceramics tested in HIS filter housing with a minimum of 5 log/100mls influent challenge.

Manufactured by:

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Certifications held by Fairey Industrial Ceramics Limited, see website for full details.

Doulton[®], Sterasy[®], Supercarb[®], Ultracarb[®] and BioTect Ultra[®] are trademarks registered to Fairey Industrial Ceramics Limited.

Independently tested, see website for full technical and performance specifications and product availability.

State restrictions may limit the availability of certain products in California, Iowa and Wisconsin.

A GENUINE WATER FILTER

MADE IN BRITAIN

