

healthy water
HEALTHY LIFE



Doulton[®]
world class ceramic filters

Supercarb Filter Element



Why a ceramic filter?

The small and complex pore structure of Doulton[®] ceramics makes them an ideal filter medium for drinking water:



High Efficiency Filter:

Doulton[®] filters are capable of removing more than 99.99% of pathogenic bacteria, disease causing cysts such as Cryptosporidium and Giardia, and particles.



Long Life/Value for Money:

As confirmed by the user instructions supplied with the product, the outer shell of Doulton[®] ceramic drinking water filters may be cleaned in order to prolong the life of the product. In this way, the filter can be re-used rather than replaced, giving it a much longer life-span than many other products on the market, saving you money. On average, a Doulton[®] filter candle will remain effective for at least 6 months (depending on usage and water quality) before it will need to be replaced.



Anti-Bacterial Action:

FICL's ceramics contain a proprietary system to inhibit microbiological growth, meaning that there is no need to sterilise Doulton[®] ceramic filters.



Retains Essential Minerals:

Doulton[®] ceramic filters keep those minerals in the water, which are beneficial to health.



No Power Required:

Doulton[®] drinking water filters do not require electricity to function, which means that they are cost-effective to run, are not vulnerable to interruption of power supplies, and can be used where there are no power supplies.

- ✓ Bottled water quality on tap in your own home.
- ✓ Long-life filters. Great value for money.
- ✓ Simple to install, use and maintain.
- ✓ No power required. Low running costs.
- ✓ Eco-friendly, reusable filter cartridges.
- ✓ 175 years experience. A proven brand you can trust.



Doulton®

world class ceramic filters



Supercarb™
Sterasyl microfilter
plus carbon block
core

Candle Grade 49mmø
Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions.

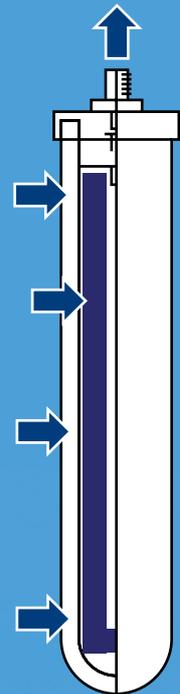
Filtration Rating (% particulate filtration efficiency)		Absolute (defined as >99.99%)	0.9 micron
		Nominal (defined as >99.9%)	0.5 to 0.8 micron
Working Pressure (for pressure filter use)		Minimum	10 psi
		Maximum	125 psi
Working Parameters		Working Temperature Range	5 - 38 (°C)
		Working pH Range	5.5 - 9.5
		Suitable for use in Gravity Filters	NO
		Recommended Change Frequency	6 months
Flow Rate	Unrestricted Flow at 3 Bar Pressure	Litres per minute	3.7
		US gallons per minute	1
	To achieve maximum performance	Litres per minute	1.9
		US gallons per minute	0.53
Capacity	Before replacement to guarantee performance	Litres	3740
		US gallons	1000
Quality Approval		approved version available	YES
		approved	YES
		turbidity reduction std .53	>98%
Pathogenic Organisms	% Bacteria Removal	E. Coli	>99.99%
		Vibrio Cholerae (Cholera)	>99.99%
		Shigella	>99.999%
		Salamonella Typhi (Typhoid)	>99.999%
		Klebsiella Terrigena	>99.999%
	% Cyst Removal	Cryptosporidium	>99.999%
	Giardia	>99.999%	
Trace Organics Removal	Insecticides	Lindane @ 0.1ppb presence	> 85%
	Herbicides	Atrazine @ 1.2ppb presence	> 85%
	Phenols	TCP @ 1.2ppb presence	> 50%
	Polyaromatic Hydrocarbons	PAH's @ 0.2ppb presence	> 95%
	Trihalomethanes	Chloroform @ 150ppb presence	> 50%
Inorganics Removal	Free Chlorine Removal	2mg c/l challenge	> 97% NSF Class 1 std. 42
	Lead Removal	@ pH 6.5 after 2,244L	N/A
		@ pH 8.5 after 2,244L	N/A

Multi-stage filtration in one Doulton® filter cartridge:

Stage 1
Outer Shell - Micro Filtration

Stage 2
Anti-Bacterial formula within the ceramic matrix kills pathogens

Stage 3
Activated carbon insert in the Supercarb™ takes out chlorine and organics improving taste and odour.



Due to a policy of continuing product development Fairey Industrial Ceramics Limited reserves the right to change any information without prior notice.

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Due to state regulations, the only products available for sale in California, Iowa, Massachusetts, and Wisconsin are the HIP/Ultracarb NSF filtration system, HIP/Ultracarb Inline NSF filtration system, and Ultracarb NSF replacement filter elements.

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