

Exceptional *Cryptosporidium* and *Giardia* Cyst Protection



SPECTRUM

For **Chlorine** and **Organics**

Chlorine Reduction Start - End of Life (%)
95-75

Total Chlorine Capacity (mg)
100,625

Typical Life in UK Water (L)*
503,125

Performance based on 10" cartridge. *Life in UK water based on free chlorine concentration of 0.2mg/l.

FibreOnyx - Standard

0.5 micron

Designed to focus on cyst and chlorine reduction, taste refinement and odour removal; the new media utilized across the SPECTRUM FibreOnyx range forms the basis of speciality solutions such as the SPECTRUM SFBC. Finer fibres create finer filtration; therefore the matrix has been reduced to 0.5 micron, optimising cyst removal in drinking water applications. Boasting a higher capacity than the SPECTRUM EFBC, the SFBC maximises performance and chlorine retention. We recommend a 5 micron pre-filtration stage to ensure protection and longevity of the cartridge.

Key Features

- Flow rate and pressure drop comparable to a 10um carbon block, while retaining the efficiency of a 0.5um cartridge

Typical Applications

- Borehole and private water supply
- Designated drinking water outlets

Specification

Max. Operating Temperature
38°C

Max. Operating Pressure Differential
2.4 bar (35psi)

Carbon Type
Activated Coconut Carbon Bonded Antimicrobial Fibres

Netting Material
Polypropylene

End-cap / Gasket
Polypropylene / EPDM

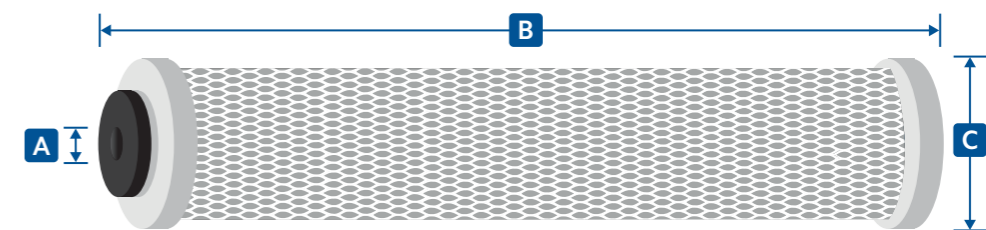
Length (")	SFBC Properties		
	Chlorine Reduction (L) @ 2mg/l*	Chlorine Reduction (L) @ 0.2mg/l**	Pressure Drop @ Flow Rate (LPM)
9¾	57,500	503,125	0.2 / 3.8
20	115,000	1,006,250	0.2 / 7.6
30	172,500	1,509,375	0.2 / 11.4
40	230,000	2,012,500	0.2 / 15.2
9¾LD	117,500	1,023,750	0.3 / 7.6
20LD	235,000	2,056,250	0.3 / 15.2

*Chlorine capacity using 2mg/l free available chlorine at 0.5mg/l breakthrough
**Calculated chlorine capacity using 0.2mg/l free available chlorine at 0.05mg/l breakthrough

Configurations

Micron (µm)	Length (")	Diameter
0.5	9¾, 20, 30, 40	Regular, Large = LD

Dimensions & Packaging



Length (")	Dimensions (mm)		
	A	B	C
9¾	27	248	70
20	27	508	70
30	27	762	70
40	27	1016	70
9¾LD	27	248	115
20LD	27	508	115

Part Number

Code	Micron	Length
SFBC	0.5	9¾, 20, 30, 40 9¾LD, 20LD

e.g. SFBC-0.5-93/4