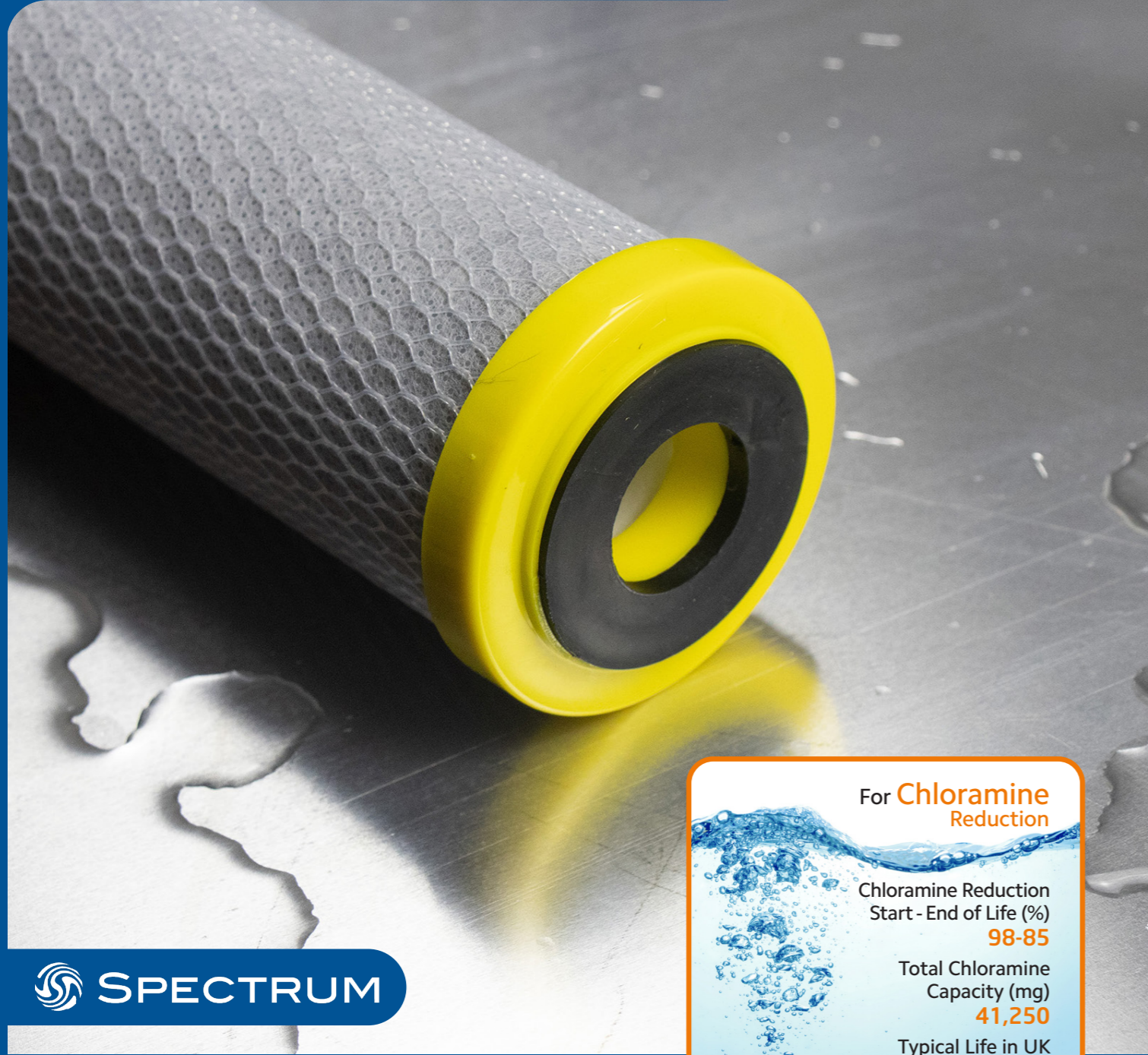


Premier Chloramine Reduction



SPECTRUM

For Chloramine Reduction

Chloramine Reduction Start - End of Life (%) **98-85**

Total Chloramine Capacity (mg) **41,250**

Typical Life in UK Water (L)* **206,250**

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

FibreOnyx - Premier 5 micron

This revolutionary dual-purpose chloramine cartridge tackles chloramine and holding sediment in one. The dual design utilizes catalytic carbon to deliver exceptional filtration results, keeping you and your environment safe. The presence of chloramine can have harmful effects on humans, fish, yeast production and more, making protection crucial. Compared to the 'Ultimate Chloramine Removal' SPECTRUM PCB, the PFBC offers a lower pressure drop and higher dirt-holding capacity whilst removing chloramine – essential features for dual-purpose applications.

Key Features

- Chlorine and sediment reduction in one cartridge
- 5µm sediment rating removes the need for pre-filtration stage
- Lower pressure drop than Premier Carbon Block (PCB)

Typical Applications

- Residential drinking water in high chloramine dosage areas
- Breweries using yeast
- Aquatics (to protect marine livestock)
- Bottling plants
- Dialysis

Specification

Max. Operating Temperature 38°C

Max. Operating Pressure Differential 2.4 bar (35psi)

Carbon Type Activated Catalytic Carbon Bonded Antimicrobial Fibres

Netting Material Polypropylene

End-cap / Gasket Polypropylene / EPDM

Length (")	PFBC Properties			
	Chloramine Reduction (L) @ 3mg/l*	Chlorine Reduction (L) @ 2mg/l**	Chlorine Reduction (L) @ 0.2mg/l***	Pressure Drop (Bar) @ Flow Rate (LPM)
9¾	15,000	190,000	1,662,500	0.14 / 3.8
20	30,000	380,000	3,325,000	0.14 / 7.6
30	45,000	570,000	4,987,500	0.14 / 11.4
40	60,000	760,000	6,650,000	0.14 / 15.2
9¾LD	50,000	950,000	8,312,500	0.2 / 7.6
20LD	100,000	1,900,000	16,625,000	0.2 / 15.2

*Chloramine capacity using 3mg/l free available chloramine at 0.5mg/l breakthrough

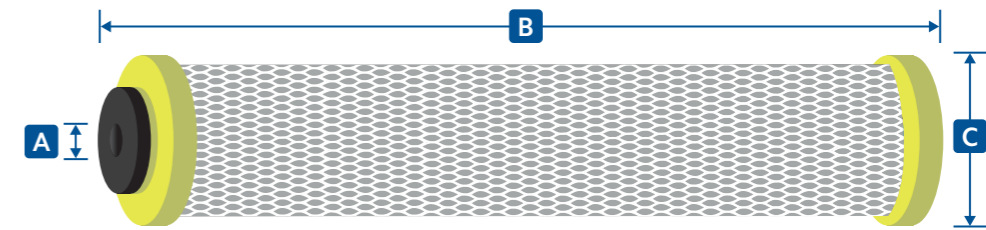
**Chlorine capacity using 2mg/l free available chlorine at 0.5mg/l breakthrough

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

Configurations

Micron (µm)	Length (")	Diameter
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
PFBC	5	9¾, 20, 30, 40 9¾LD, 20LD

e.g. PFBC-1-93/4

