

# Lead Reduction Capabilities



NSF/ANSI 53  
Certified for  
Cyst Reduction

**For Lead Reduction**

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

Total Chlorine Capacity (mg)  
**47,250**

Typical Life in UK Water (L)\*  
**236,250**

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



## FibreOnyx - Lead Reduction 0.5 micron

Providing four times higher lead removal than the industry standard, this cartridge is the perfect solution for soft water areas or borehole feeds with lead piping. Lead can cause extensive health problems in consumers, making removal from water applications paramount. The SFBC-PB offers equivalent chlorine removal levels to the SFBC. We recommend installing a 5 micron pre-filtration stage to ensure the best performance of the SFBC, maximise longevity and deliver unbeatable lead removal time and time again.

### Key Features

- Post filtration layer fused into the media eliminates fine release into the effluent stream after flushing
- 5µm pre-filtration recommended to maximise capacity for chlorine and lead reduction
- NSF53 certified media for reduction of *Giardia* cysts.

### Typical Applications

- Point of use drinking water from borehole feed
- Drinking water in aged pipework and closed loop systems

### Specification

**Max. Operating Temperature**  
38°C

**Carbon Type**  
Activated Coconut Carbon Bonded Antimicrobial Fibres

**End-cap / Gasket**  
Polypropylene / EPDM

**Max. Operating Pressure Differential**  
2.4 bar (35psi)

**Netting Material**  
Polypropylene

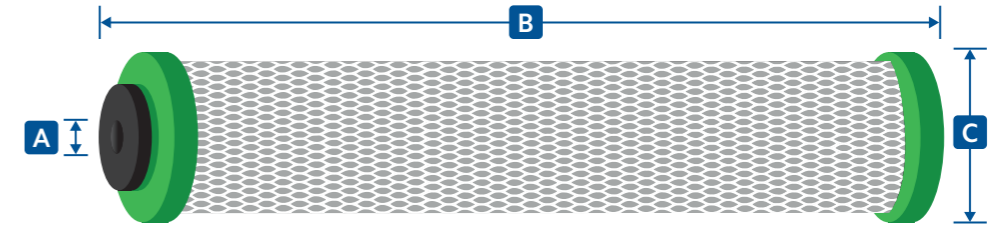
SFBC-PB Properties					
Length (")	Lead Reduction (L) @ 2mg/l*	Chlorine Reduction (L) @ 2mg/l**	Chlorine Reduction (L) @ 0.2mg/l***	Pressure Drop @ Flow Rate (LPM)	
9¾	43,000	27,000	236,250	0.2	3.8
20	86,000	54,000	472,500	0.2	7.6
30	129,000	81,000	708,750	0.2	11.4
40	172,000	108,000	945,000	0.2	15.2
9¾LD	93,000	58,000	507,500	0.3	7.6
20LD	186,000	116,000	1,015,000	0.3	15.2

\*Lead capacity using 0.15mg/l lead at 0.01mg/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
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-PB	0.5	9¾, 20, 30, 40 9¾LD, 20LD

e.g. SFBC-PB-0.5-93/4