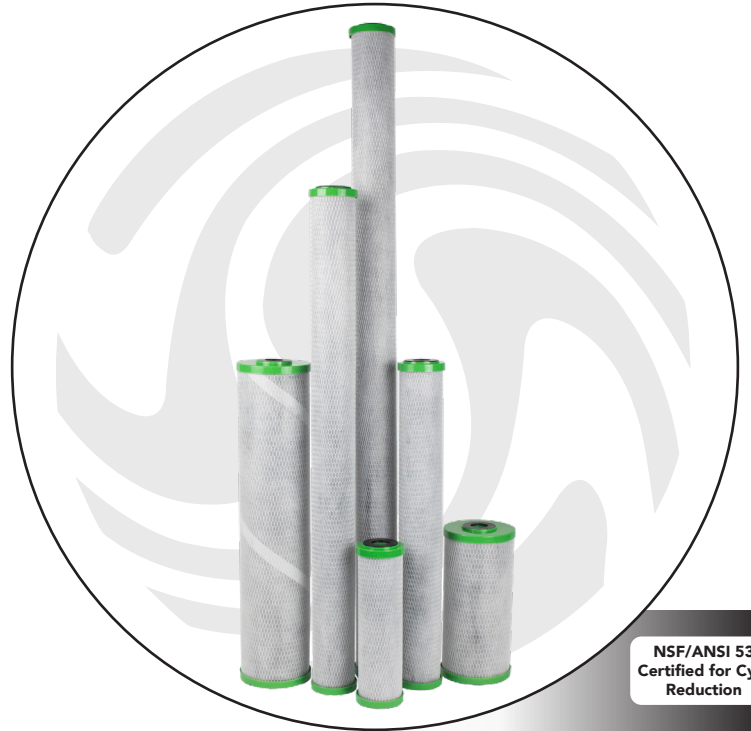


LEAD REDUCTION CAPABILITIES

Re-innovation of a modern media allows a greater void volume to improve dirt holding capacity and flow rates, while new technology allows greater carbon attachment to fibres, creating the ultimate high-flow carbon cartridges.

This media has allowed for speciality solutions such as the SPECTRUM SFBC-PB. Building on the SFBC this cartridge brings the focus of lead removal. Four times higher lead removal than the industry standard makes this cartridge the ideal solution for soft water areas or borehole feeds with lead piping. To maximise the lifespan of the SFBC-PB, we recommend using a 5-micron pre-filtration stage, ensuring the best performance and delivering unbeatable lead removal in a simple cartridge format.



FEATURES & BENEFITS



- Excellent lead reduction
- Simultaneous CTO reduction
- NSF-53 Certified for Giardia Cyst reduction
- Low pressure drop
- Antimicrobial agent applied to prevent bacteria growth
- Gaskets permanently moulded onto end-caps to prevent dislodging

MATERIALS OF CONSTRUCTION



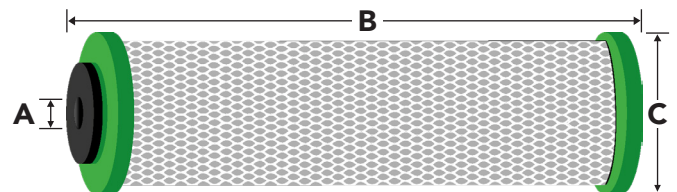
- Media: Activated Coconut Carbon Bonded Antimicrobial Fibres
- Netting: Polypropylene
- End-cap: Polypropylene
- Gasket: EPDM

TECHNICAL DATA



Micron Rating (µm)	0.5
Chlorine Removal Efficiency (%) (Initial to End of Test)	98 - 75
Maximum Operating Pressure Differential (bar)	2.4
Maximum Operating Temperature (°C)	38

DIMENSIONS



Dimensions (mm)			
Length (")	A	B	C
9 ³ / ₄	27	248	70
20	27	508	70
30	27	762	70
40	27	1016	70
9 ³ / ₄ LD	27	248	115
20LD	27	508	115

PERFORMANCE



SFBC-PB Properties

Length (")	Lead Reduction (L) @ 0.15mg/l*	Chlorine Reduction (L) @ 2mg/l**	Chlorine Reduction (L) @ 0.2mg/l***	Pressure Drop (Bar) @ 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

ORDERING GUIDE



Code	Micron (µm)	Length (")
SFBC-PB	0.5	9¾, 20, 30, 40, 9¾LD, 20LD

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

PRODUCT RANGE



The below products have often been associated with this product.



EFBC

Advanced Carbon Technology



SFBC

Exceptional Cryptosporidium and Giardia Cyst Protection



PFBC

Premier Chloramine Reduction



SFBC-PB

Lead Reduction Capabilities



SFBC-EL

Primary Carbon for Electroplaters