

Advanced Carbon Technology



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

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

Total Chlorine Capacity (mg)
91,875

Typical Life in UK Water (L)*
459,375

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



FibreOnyx - Economic

5 micron

Designed to provide an economic solution chlorine, taste and odour (CTO) refinement. Re-innovation of a modern media furnishes this build with all the benefits of activated carbon and the minimum pressure drop commonly associated with a carbon block, while promoting extended CTO reduction. Equipped with an antimicrobial agent to prevent premature blocking in order to maximise full chlorine capacity utilization, this cartridge is truly deserving of the 'economic' name. Perfect for domestic water supplies and incoming water.

Key Features

- Over 50% reduction in pressure drop over carbon block
- One-stage chlorine and sediment removal promotes ease-of-use
- Unique post-filtration layer reduces fine release downstream

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
Polyethylene

EFBC Properties				
Length (")	Chlorine Reduction (L) @ 2mg/l*	Chlorine Reduction (L) @ 0.2mg/l**	Pressure Drop @ Flow Rate (LPM)	
9¾	52,500	459,375	0.14	3.8
20	105,000	918,750	0.14	7.6
30	157,500	1,378,125	0.14	11.4
40	210,000	1,837,500	0.14	15.2
9¾LD	112,500	984,375	0.2	7.6
20LD	225,000	2,056,250	0.2	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

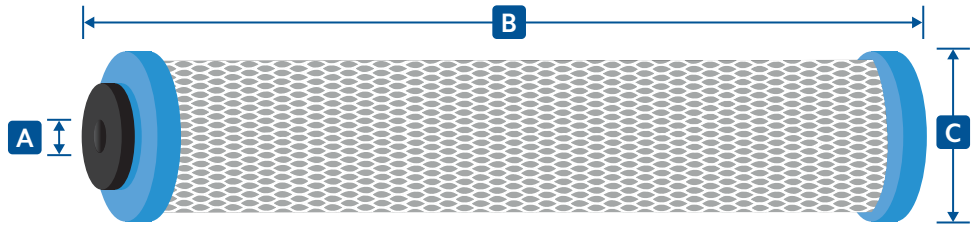
Typical Applications

- Domestic and general water supply
- Incoming water for breweries

Configurations

Micron (µm)	Length (")				Diameter	
5	9¾	20	30	40	Regular	Large = LD

Dimensions & Packaging



Dimensions (mm)			
Length (")	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
EFBC	5	9¾, 20, 30, 40 9¾LD, 20LD

e.g. EFBC-5-93/4

