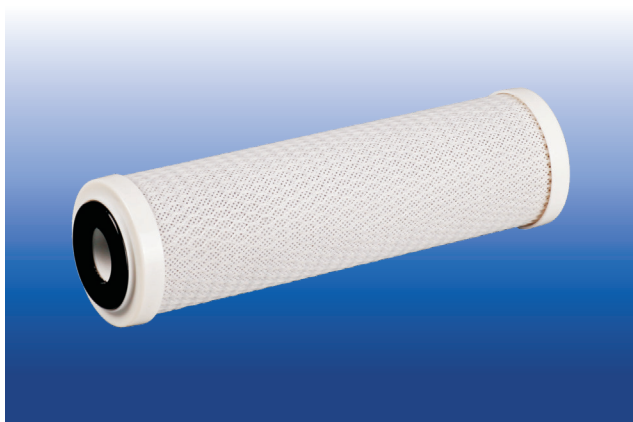




CTO Series Extruded Carbon Block Filter Cartridges are made of activated carbon block manufactured under tightly controlled process conditions. They are effective in removing unpleasant taste, odor, color, chlorine, and particulates from water. The CTO series is an economical solution for a wide range of residential, commercial, and industrial water filtration applications.

Features

- High adsorption capacity
- Reduction of chlorine/taste/odor/particulate
- Low pressure drop
- Negligible release of carbon fines

Applications

- Portable & Process Water
- Food and Beverage
- Plating Solutions
- Chemical Processing
- Pre- or Post- Filter for RO Systems
- Water Purification Systems

Performance

Length	Chlorine Reduction(L) @2mg/l (1)	Chlorine Reduction (L) @0.2mg/l (2)	Clean Pressure Drop
9.75"/9.87"	5,200 gal. (19.7k lit.) @ 2 gpm (7.6 lpm)	17,000 gal. (64k lit.) @ 2 gpm (7.6 lpm)	1 psi (0.07 bar) @ 2 gpm (7.6 lpm)
20"	10,400 gal. (39.3k lit.) @ 4 gpm (15 lpm)	34,000 gal. (129k lit.) @ 4 gpm (15 lpm)	1 psi (0.07 bar) @ 4 gpm (15 lpm)
30"	15,600 gal. (59k lit.) @ 6 gpm (23 lpm)	52,000 gal. (197k lit.) @ 6 gpm (23 lpm)	1 psi (0.07 bar) @ 6 gpm (23 lpm)
40"	20,800 gal. (k lit.) @ 8 gpm (30 lpm)	68,000 gal. (257k lit.) @ 8 gpm (30 lpm)	1 psi (0.07 bar) @ 8 gpm (30 lpm)
9.75"/9.87"BB	24,000 gal. (90.7k lit.) @ 5 gpm (19 lpm)	76,000 gal. (287k lit.) @ 5 gpm (19 lpm)	2 psi (0.14 bar) @ 5 gpm (19 lpm)
20"BB	48,000 gal. (181k lit.) @ 10 gpm (38 lpm)	152,000 gal. (575k lit.) @ 10 gpm (38 lpm)	2 psi (0.14 bar) @ 10 gpm (38 lpm)

(1) Chlorine reduction capacity with 2mg/L free chlorine challenge and 0.5mg/L breakthrough.

(2) Chlorine reduction capacity with 0.2mg/L free chlorine challenge and 0.05mg/L breakthrough.

Available Sizes

Available Length:	9.75"(248mm)
	9.87"(250mm)
	10"(254mm)
	20"(508mm)
	30"(762mm)
	40"(1,016mm)
Outer Diameter:	2.6" (65mm)
	2.75" (70mm)
	4.53" (115mm)

Material of Construction

Filter Media:	Coal based activated carbon
End Cap:	Polypropylene
Netting:	Polyethylene
Gasket:	Thermoplastic elastomer
Wrap:	Polyester

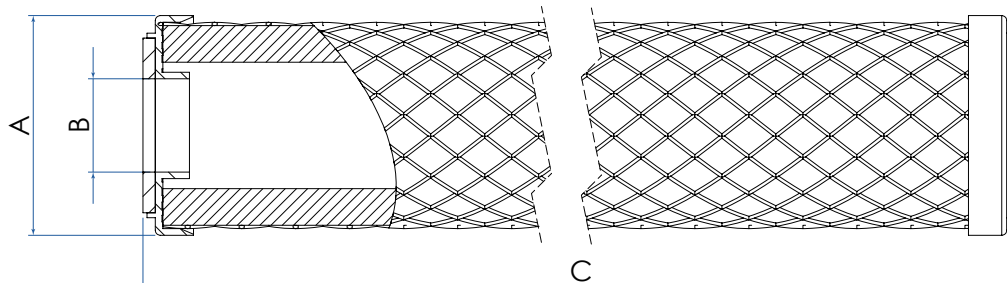
Operating Range

Operating Temperature:	40-100°F(4-38°C)
Max. Working Differential Pressure:	35psi (2.4bar) @ 100°F (38°C)

Quality Management

- Manufactured under an ISO9001:2015 certified Quality Management System

Dimensions (mm)



Length	A	B	C
9.75"	70	28	248
9.87"	70	28	250
10"	70	28	254
20"	70	28	508
30"	70	28	762
40"	70	28	1,016
9.75"BB	115	28	248
9.87"BB	115	28	250
10"BB	115	28	254
20"BB	115	28	508

Ordering Information

Example: CTOB975

CTO	B	975
Diameter	Length	
B = ϕ 115mm	975 = 9.75" (248mm)	
S = ϕ 65mm	987 = 9.87" (250mm)	
H = ϕ 70mm	10 = 10" (254mm)	
	20 = 20" (508mm)	
	30 = 30" (762mm)	
	40 = 40" (1,016mm)	

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

