

CB Tech Carbon Block Filter Cartridges

Carbon Block Technology, Inc. (CB Tech) carbon block filter cartridges in industry standard sizes provide the most efficient filter performance possible. CB Tech carbon block filters combine the highest quality, FDA-compliant raw materials with cutting edge manufacturing methods resulting in unequalled performance.

CB Tech filters employ a premium grade carbon with industry-leading surface area allowing for the greatest use of the carbon's adsorptive capacity. Higher surface area extends the life of the cartridge, lowering the need for frequent filter changes. The manufacturing process yields carbon block filters of exceptional consistency, which further maximizes the adsorption capacity and maintains consistent flow rates. CB Tech filters complement any drinking water treatment system in a wide range of applications.

CB CTO FILTER

CB CTO Model	Dimensions	Chlorine Reduction	Micron Rating	Case Size (Units)
CB10CTO2.5	2.875" x 9.75"	>100,000 gallons @ .75 gpm	25 (nominal)	25
CB20CTO2.5	2.875" x 19.80"	>200,000 gallons @ 1 gpm	25 (nominal)	16
CB10CTO4.5**	4.65" x 9.75"	>300,000 gallons @ 2 gpm	25 (nominal)	16
CB20CTO4.5**	4.65" x 19.80"	>600,000 gallons @ 5 gpm	25 (nominal)	6
CB10-10M2.5	2.875" x 9.75"	>100,000 gallons @ .75 gpm	10 (nominal)	25
CB20-10M2.5	2.875" x 19.80"	>200,000 gallons @ 1 gpm	10 (nominal)	16
CB10-10M4.5**	4.65" x 9.75"	>300,000 gallons @ 2 gpm	10 (nominal)	16
CB20-10M4.5**	4.65" x 19.80"	>600,000 gallons @ 5 gpm	10 (nominal)	6
CB10-5M2.5	2.875" x 9.75"	>100,000 gallons @ .75 gpm	5 (nominal)	25
CB20-5M2.5	2.875" x 19.80"	>200,000 gallons @ 1 gpm	5 (nominal)	16
CB10-5M4.5**	4.65" x 9.75"	>300,000 gallons @ 2 gpm	5 (nominal)	16
CB20-5M4.5**	4.65" x 19.80"	>600,000 gallons @ 5 gpm	5 (nominal)	6

Estimated Capacity based on 2ppm influent concentration with >90% reduction. **4.5 filters come with a nipple end cap in white (see picture of CB SUBM for sample of nipple end cap)

CB CTO FILTER CARTRIDGES

- 5, 10 & 25 Micron nominal filtration
- High chlorine taste and odor reduction – high chlorine adsorption capacity
- High dirt holding capacity extends service life
- Excellent for pre-filtration or pre-treatment in RO applications
- Designed to be used in most standard-size housings
- This filter cartridge is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.
- Performance data based upon manufacturer's internal testing. Not performance tested or certified by NSF.

FILTER MATERIALS

- Filter Media - Activated PAC
- End Caps - Polypropylene
- Inner/Outer Wraps - Spunbonded Polypropylene
- Netting - Low Density Polyethylene



SubMicron Filter — VOC Reduction

CB SUBM Model	Dimensions	VOC (Chloroform) Reduction	Micron Rating	Case Size (Units)
CB10SUBM2.5	2.875" x 9.75"	>1,200 gallons @ .75 gpm	0.5 (nominal)	25
CB20SUBM2.5	2.875" x 19.80"	>2,400 gallons @ 1.5 gpm	0.5 (nominal)	16
CB10SUBM4.5**	4.65" x 9.75"	>4,000 gallons @ 1 gpm	0.5 (nominal)	16
CB20SUBM4.5**	4.65" x 19.80"	>8,000 gallons @ 2 gpm	0.5 (nominal)	6

Estimated Capacity based on 2ppm influent concentration with >90% reduction. **4.5 filters come with a nipple end cap in blue (see picture of CB SUBM for sample of nipple end cap)

CB SUBM FILTER CARTRIDGES

- 0.5 Micron nominal filtration
- VOC reduction
- High chemical adsorption capacity
- Excellent for final polishing of drinking water
- Designed to be used in most standard-size housings
- This filter cartridge is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.
- Performance data based upon manufacturer's internal testing. Not performance tested or certified by NSF.



SubMicron Filter — Lead & VOC Reduction

CB SUBMPb Model	Dimensions	VOC Reduction	Lead Reduction (6.5 & 8.5 pH)	Micron Rating	Case Size (Units)
CB10SUBMPB2.5	2.875" x 9.75"	>1,200 gallons @ .75 gpm	>1,200 gallons @ .75 gpm	0.5 (nominal)	25
CB20SUBMPB2.5	2.875" x 19.80"	>2,400 gallons @ 1.5 gpm	>2,400 gallons @ 1.5 gpm	0.5 (nominal)	16
CB10SUBMPB4.5**	4.65" x 9.75"	>4,000 gallons @ 1 gpm	>4,000 gallons @ 1 gpm	0.5 (nominal)	16
CB20SUBMPB4.5**	4.65" x 19.80"	>8,000 gallons @ 2 gpm	>8,000 gallons @ 2 gpm	0.5 (nominal)	6

Estimated Capacity based on 2ppm influent concentration with >90% reduction. **4.5 filters come with a nipple end cap in blue (see picture of CB SUBM for sample of nipple end cap)

CB SUBMPb FILTER CARTRIDGES

- 0.5 Micron nominal filtration
- High lead adsorption at high and low pH
- High chemical adsorption capacity
- VOC reduction
- Excellent for final polishing of drinking water where lead is a concern
- Designed to be used in most standard-size housings
- This filter cartridge is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.
- Performance data based upon manufacturer's internal testing. Not performance tested or certified by NSF.



FILTER MATERIALS

- Filter Media - Activated PAC
- End Caps - Polypropylene
- Inner/Outer Wraps - Spunbonded Polypropylene
- Netting - Low Density Polyethylene

Please note:

1. CB Tech filters are not intended to be used where the water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the filter. Filters used in systems NSF-certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
2. Maximum operating temperature 100° F; maximum operating pressure 100 psi.
3. All performance claims presented here are based on data believed to be reliable but are not to be considered a warranty of performance.
4. Performance of the filter may be altered by the housing, or the source water's organic content, turbidity, pH, or other conditions encountered in actual use.
5. Seller makes no warranties of any kind, expressed or implied, and expressly disclaims all warranties of every kind, concerning this product, including warranties of merchantability or fitness for a particular purpose, except that this product should be capable of performing as described in this product data sheet. Seller's obligation shall be limited solely to the refund of the purchase price or replacement of the product, if proven defective, at Seller's sole discretion. Determination of suitability of product for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. Use of this product constitutes Buyer's acceptance of this Limited Liability.
6. Filter products may be customized to increase reduction capacity for lead or other contaminants, if desired.



**To discuss your requirements
and to request a quote, please contact:**

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