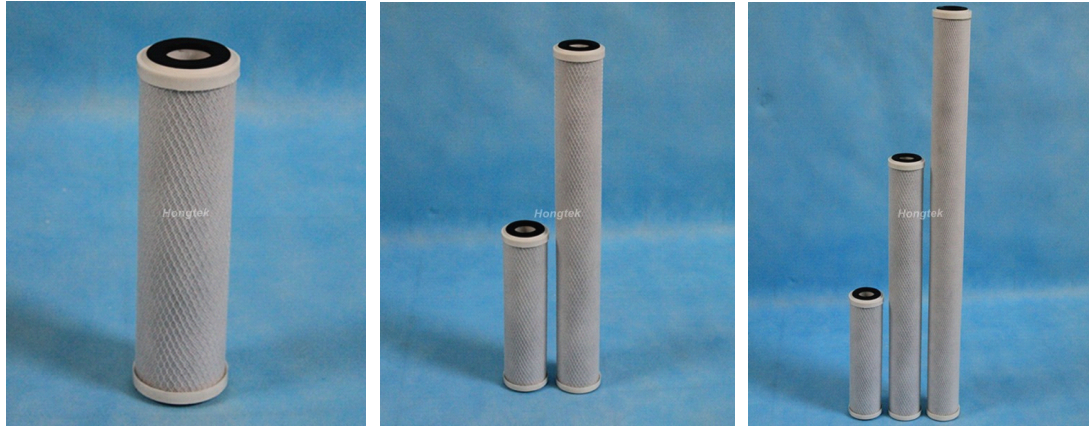




Hongtek Filtration Co., Ltd

Carbon Block Filter Cartridges



Description

Carbon Block Filter Cartridge are made of activated carbon block which is manufactured by strictly sintered and extruded controlled engineering processes, techniques and material of the highest quality guarantee excellent durability, minimal pressure loss and high filtration rate. It is highly effective in removing odour, bad taste, chlorine spores and microorganisms in liquid. Carbon cartridge provide economic solutions for a wide range of residential, commercial and industrial water filtration processes.

Feature

- 1, Excellent absorbency, no release of carbon fines
- 2, Effectively wipe off chlorine, bad taste, odour and other impurities of dissolved organics.
- 3, Extended dirt holding capacity, low pressure drop and good filtering effect
- 4, Wide application in liquid filtration field
- 5, High chemical compatible ability

Application

- Drinking Water
- Food & Beverages
- Waste Water Treatment
- Plating Processes
- PCB industry
- Pre RO/DI filtration
- Electronics
- Petrochemical
- Chemicals

Specifications

Filter Media	Coal Based Activated Carbon Block/Coconut Shell
Long size	5", 9.75", 9.8", 10", 20", 30", 40"

Micron Rating	5 μ m,10 μ m
ID	28mm , 30mm
OD	61mm,65mm
End Cap	PP
Gasket	Silicone,Buna-N,EPDM
Netting	Polythene

Operation Data

Max. Operating Temperature	80°C (176°F)
Max. Differential Pressure	7.0 bar at 25°C (100 psi at 77°F)
Max.Operation Pressure	17 bar
Recommended Change Out Differential Pressure :	2.1 bar (31 psi)
Max.Flowrate	5 L/min (water, Δ P=0.15kgf/cm ² , 10"filter)

Technical Index

Ratio for surface area	800 - 1000 m ² /g
Adsorption for iodine	900-1000mg/g
Adsorption for Benzene	20-25%
Adsorption for carbon tetrachloride	50-60%
Adsorption for Methylene Bule	13-16ml/g
Ash content :	\leq 3.5

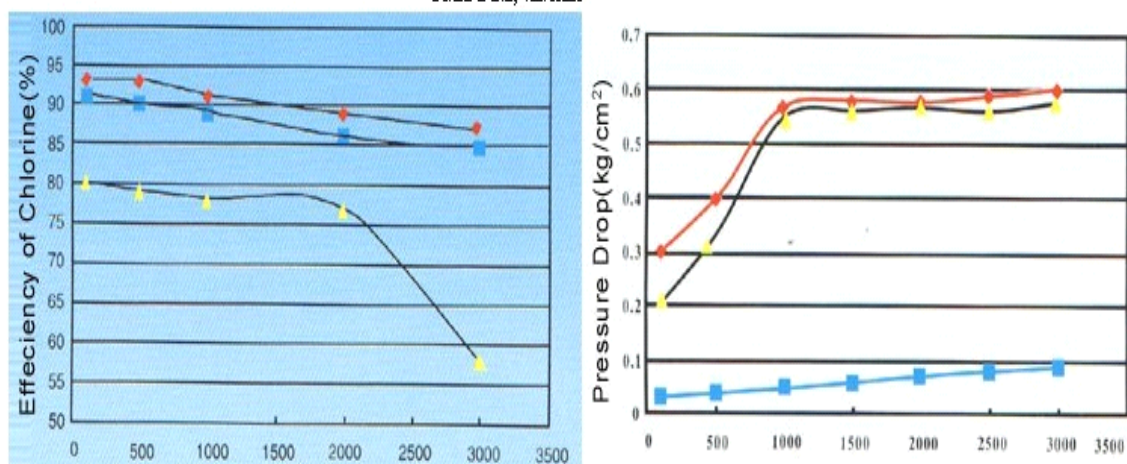
Removability to multifarious impurities

Remaining chloride	Chemical oxygen demand	Total iron	Oxide	Mercury	As	Cyanide	Phenol	Sixivalency
93.83%	43.21%	91.88%	67.32%	79.43%	38.51%	99.98%	78.85%	8.77%

Average Adsorption to poison substance for 10" carbon block filter

Benzne	Toluene	Methanol	Ethoxy	Chloroform	Acetone	Styrene	Hyaarogen sulphide	N-butyl sulfhydrate
68g	81g	69g	91g	120g	72g	60g	125g	171g

Cl:2PPM,4L/min



10" Carbon Block Filter Cartridges

Order Information

HTCB	Filter Material	ID	OD	Rating	Length	Gasket
Hongtek Carbon Block Filter	A: Coal	C:28mm	E:61mm	05:5µm	5:5"	S:Silicone
	B: Coconut Shell	D:30mm	F: 65mm	010:10µm	9.75:9.75"	BN:Buna-N
					9.8:9.8"	M:EPDM
					10:10"	
	Other Customized Sizes					20:20"
					30:30"	
					40:40"	

For Example:

HTCB-A-C-E-05-10-8

Hongtek Carbon Block Filter -Filter Material: Coal-

ID:28mm -OD:61mm-Rating:5µm-Length:10"-Gasket: Silicone

Packing Reference

Long size	Pcs/ctn	G.W/ctn(kg)	Size/ctn (cm)
10"	60	29	35 * 35 * 80
20"	30	29	35 * 35 * 80

 **Hongtek Filtration Co., Ltd**

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