



Extruded Activated Carbon Block Filter Cartridges

CAC series carbon block filter cartridge is characterized by high porosity, solidity, stability, orderly alignment and well-distributed density of charcoal particles. Raw materials could be different kinds of activated carbon, fruit shell carbon, for instance, coal carbon, coconut shell carbon, silver-supported granule acticarbon and carbon powder, mixed with small amount of food-grade bonder, and then continuously compressed into shape, thus form into carbon filter cartridge. The product is the best choice of normal civil and industrial process water treatment.

CAC series provide 1~20µ m particulate filtration and extended life as a fine sediment Cartridges.

Thus service life of a CAC series carbon block filter cartridge is greatly extended by an outer layer of 10~20µ m polypropylene non-woven prefiltration media and will operate effectively in most installation without prefiltration. It is ideal for residential and food service applications where Improving the taste of the water is the primary objective.

Features

- Highly effective filtration of water for certain VOC'S, Chlorine, taste and odor.
- Low pressure Drop. High performance.
- Extra dust holding capacity
- Greater solids holding capacity.
- Longer service life.
- Various Media are available.
- No leaching carbon ash.
- 1 to 20 micron filtration.

Applications

- Drinking water purification
- Water purification & processing
- Pharmaceutical
- Chemicals
- Food & beverage

Structure

End Caps	Inner/Outer	Netting	Gaskets
Polypropylene	Wraps Polypropylene Non-woven	Polypropylene	Buna-N

Specifications

Product Code	Description	Length	Micron	Efficiency	Change-out Pressure Max.	Max. Operating Temperature
CACC	Activated coal carbon	5~40"	1~20	Nominal	0.25 MPa	75°C
CACX	Activated coconut shell carbon	5~40"	1~20	Nominal	0.25 MPa	75°C
CACS	Silver vaporised coconut shell carbon	5~40"	1~20	Nominal	0.25 MPa	75°C

Materials Technical Data

Product Code	Bet. N2 Surface Area (m ² /g)	Iodine Number (mg/g)	Methylene Blue Adsorption (mg/g)	Benzol Adsorption/CTC (%)	Hardness (%)	Bulk Density (g/cm ³)	Ash Content (%)	Moisture (%)	P.H.	Vaporized Silver Content (%)
		(ASTM)	GB/-7702.6 1997		(ASTM)	(ASTM)	(ASTM)	(ASTM)		
CACC	1000	≥950	≥160	≥33/60	≥90	~0.43	≤15	<5	~9	-
CACX	1000	≥1000	≥135	≥33/55	≥95	~0.43	≤8	≤5	~9	-
CACS	1000	≥1000	≥135	≥33/55	≥95	~0.43	≤8	≤5	~9	0.15~0.3



megafilter
Filtros e sistemas de Filtragem



Fone: +55 41 3081 3050

E-mail: vendas@megafilter.com.br

Site: <https://www.megafilter.com.br/>

**Rua Silvio Pinto Ribeiro, 1625 – Quississana, São José dos Pinhais – PR
CEP 83085-400**



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