

ACTIVATED CARBON EXTRUSION CARTRIDGES



CACX68 Carbon Cartridges

FEATURES

- Sanitary grade filter media
- Minimal binder usage. Free of carbon fouling and channeling, low flow resistance & greater dirt holding capacity
- Minimum carbon fine shed during start-up
- Rigid carbon extrusion for excellent pressure resistance
- Large carbon contact surface

CARBON PERFORMANCE DATA

- Chloride reduction: water 5,000 liters/carbon 100 grams
- Iodine rating 1,000 mg/g
- Methylene rating 195 mg/g
- Benzene adsorption capacity $\geq 30\%$
- Maximum operating temperature 80°C
- Chemically compatible to strong acid and alkali

- Specific gravity: 530kg/m^3
- Iodine adsorption efficiency $\geq 99.9\%$
- Methylene Blue de-colorization $\geq 160\text{ mg/g}$
- CTC adsorption $\geq 75\%$
- PH rating 7~9
- Low flammability

TECHNICAL SPECIFICATIONS

Filter Code	Description	Length	Micron Ratings	Efficiency	Change-out ΔP	Filtration Type	Max. Operating Temperature
CACX68	Coconut Shell Carbon	10~40"	0.5, 5, 10, 25	Nominal	0.25~0.35 MPa	Depth	80°C @ 0.1MPa
CACX110	Coconut Shell Carbon	10~20"	0.5, 5, 10, 25	Nominal	0.25~0.35 MPa	Depth	80°C @ 0.1MPa

PRODUCT CATEGORIES

- **CACX68** - Extruded Coconut Shell Carbon Cartridges
- **CACX110** - Big Blue Carbon Cartridges

The advantage of activated carbon is its broad spectrum capacity to adsorb organic chemicals and promote catalytic, chemical reduction of chlorine disinfectants, it remains the primary material used in water treatment filters for the control of chlorine, taste and odor, and reduction asbestos, submicron materials, removal of mercury, lead and other types of heavy metals, toxic organic chemicals, etc.

Both inner core and exterior are covered by compressed polypropylene mesh to prevent shedding of carbon fines.



CACX110 Big Blue

TYPICAL APPLICATIONS

- Water purification & removal of cyanide, fluoride, chlorine, organic chloride, TCE, ions, microbes, bacteria, order, etc. Widely used in bottled water and beverage processing, liquor processing and pharmaceutical liquid de-coloring, etc.
- Waste water treatment & removal of heavy metal, inorganic and organic compound, dyes, chloroform, PCBs, phenol, dactyl phthalate, Cr (VI); also change Au(III)-AU, Ag+-Ag, Pt(VI)-Pt++, Hg+-, Hg+, Fe(III)-Fe++, etc. Reclaiming of benzoic compounds, ketonic compounds, esters, alcohol compounds, petrol compounds, precious metals, VOCs and BTEXs.
- Liquid purification in paint, auto, electronics, semiconductors, synthetic fiber, chemical, petrol-chemical, rubber and pharmaceutical industries, etc.