



FILTER BAGS

ACTIVATED CARBON FILTER BAGS



Activated Carbon Bag w/ SDS™ Seal

PRODUCT CODES

- **ACBX** - Coconut Shell Activated Carbon Bags

CARBON PERFORMANCE DATA

- Chloride reduction: water 5,000 liters/carbon 100 grams
- Specific gravity: 530kg/m³
- Iodine rating 1,000 mg/g
- Iodine adsorption efficiency ≥ 99.9%
- Methylene rating 195 mg/g
- Methylene Blue de-colorization ≥ 160 mg/g
- Benzene adsorption capacity ≥ 30%
- CTC adsorption ≥ 75%
- Maximum operating temperature 500°C
- PH rating 7~9
- Chemically compatible to strong acid and alkali
- Low flammability

FEATURES

- Effective removal of chlorine, odor, asbestos, mercury, lead & other types of heavy metals, and toxic organic chemicals.
- Promote catalytic, reduction of chlorine disinfectants.
- Loose carbon fill without using binder. 100% carbon surface exposure, low velocity and longer liquid contact time.
- Extra large volume of carbon fill. A size two bag contains 5 kg of highly porous & uniform activated coconut shell carbon tablets.
- High absorption speed: 180 times faster than extruded carbon block.
- Low pressure drop, large carbon contact surface with water, low velocity, longer contact time and improved adsorption performance.
- Dual functionalities: Not only for impurity absorption, but also for contaminant particle retention.
- 1 ~ 100 micron range, nominal rating.
- **ACBX-AO Bag, special non-micron rated. Impurity absorption only.**
- Exclusively FDA compliant media.
- Patented SDS™ & STS pressure seal rings, steel snap-fit rings.
- Flow rate #1 bag @ 6 MT/Hr Max., #2 bag @ 12 MT/Hr Max.
- Change-out pressure differential 0.12 MPa, Max. 0.25 MPa.

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/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.
- Gas purification & removal of SO_x, NO_x, H₂S, etc.

TECHNICAL SPECIFICATIONS

Filter Size	Carbon Type	Filter Media	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m ²)	Volume (liter)	Housing Used
Size 1	Coconut Shell	PP	Welding	420	180	0.25	8.00	HEXB23, HECB23
Size 2	Coconut Shell	PP	Welding	820	180	0.50	17.50	HEXB45, HSTB45+
Size 5	Coconut Shell	PP	Welding	510	150	0.25	8.00	HPPB23V, HSSB23

**ISO9001 Certified
 Manufacturer**

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