Filter Bag

ACTIVATED CARBON FILTER BAGS

PRODUCT CODES
- FCIACBX: Coconut Shell Activated Carbon Bags

CARBON PERFORMANCE DATA
- 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%
- PH rating 7–9
- Chemically compatible to strong acid and alkali
- Low flammability

TYPICAL APPLICATIONS
- Water purification & removal of cyanide, fluoride, chlorine, organic chloride, TCE, ions, microbes, bacteria, odor, 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, chloriform, PCBs, phenol, dactyl phthalate, Cr (VI); also change Au(III)-Au, Ag+-Ag, Pt(VI)-Pt++, Hg++-Hg+, Fe(III)-Fe++, etc. Reclaiming of benzic 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, pharmaceutical industries, etc.
- Gas purification & removal of SOx, NOx, H2S, etc.

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 2 bag contains 5 kg of highly porous & uniformly 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.
- Exclusively FDA compliant media
- T ~ 100 micron range, nominal rating
- 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 differential pressure 0.12 MPa, Max. 0.25 MPa

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Filter Size</th>
<th>Carbon Type</th>
<th>Filter Media</th>
<th>Seam Treatment</th>
<th>Length (mm)</th>
<th>Diameter (mm)</th>
<th>Filter Area (m²)</th>
<th>Volume (litre)</th>
<th>Housing Used</th>
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</thead>
<tbody>
<tr>
<td>Size 1</td>
<td>Coconut Shell</td>
<td>PP</td>
<td>Welding</td>
<td>420</td>
<td>180</td>
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<td>FCISBF-M-717S1/S2/S3</td>
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<td>Welding</td>
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<td>8.00</td>
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