

CARBON BLOCK/FIBER FILTERS

Activated Carbon & Activated Carbon Fiber filters for removal of particles, odor, heavy metal ions, and molecular pigments from water

CARBON BLOCK/FIBER FILTERS

ACTIVATED CARBON & ACTIVATED CARBON FIBER FILTERS TO DELIVER PURIFIED LIQUIDS

Cobetter Carbon Block/Fiber Filters are comprised of activate carbon and carbon fiber. The activated carbon effectively absorbs macromolecular pigments, organic matter, heavy metals, and particles. The carbon fiber provides good removal capabilities for Total Organic Carbon (TOC) in water.

FEATURE	BENEFIT
Activated Carbon and Activated Carbon Fibers	Provides a three-dimensional mesh structure that purifies and provides decolorization processing
Polypropylene Non-woven Fabric Outer Layer	Provides additional protection for particulate removal
Available in Standard Lengths and Connections	Available from in 5, 10, 20, and 40 inch lengths, in DOE, 226, and 222 configurations (see ordering information)

QUALITY STANDARDS

Quality Assurance	These products are manufactured in a facility which adheres to ISO 9001 Practices.
Particle Shedding	Autoclaved filter effluent meets the requirements in USP <788> for large volume injections
Non-Fiber Releasing	Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3 (b) (6)
Indirect Food Additive	All component materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182, and EU framework regulation [1935/2004/EC].

SPECIFICATIONS

Filter media	Activated Carbon (Wood) & Activated Carbon Fiber
External Wrap	Polypropylene Nonwoven Material
End Cap	Polypropylene
Operating Temperature	5-60°C
Max. Recommended low Differential Pressure	10" Filter: 32 L/min (8.4 gpm) 20" Filter: 64 L/min (16.8 gpm) 40" Filter: 128 L/min (33.6 gpm)

* These filters should be fully disinfected before and after use with food or medicine. Do not use water containing unsafe microorganisms and unknown quality. Some "harmless" bacteria may affect the PACW filter element. If damage to the filter element and/or there is a moldy odor, replace the filter element immediately.



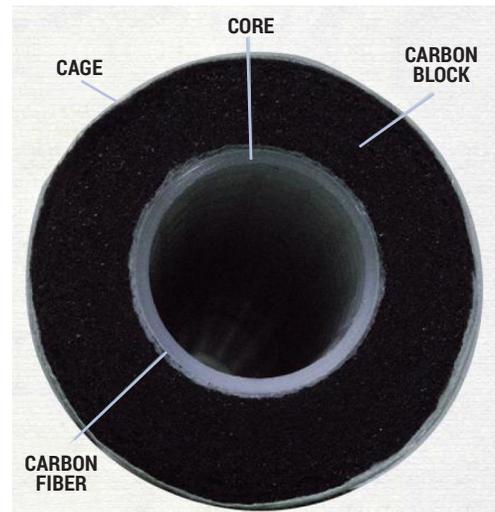
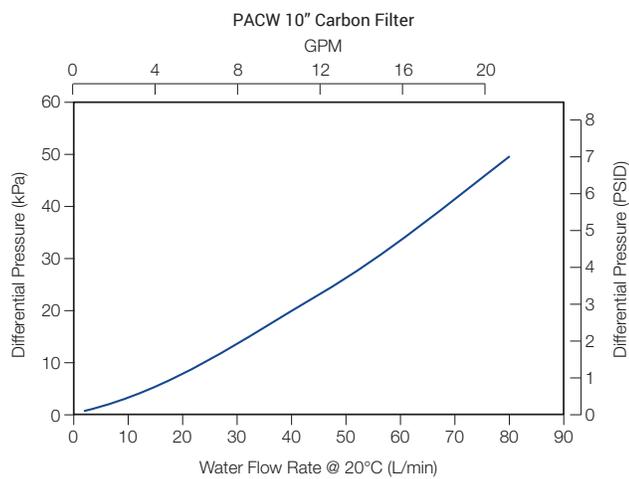
Typical Applications

- Water Purification
- Water Clarification
- Molecular Pigmentation Removal
- TOC Reduction
- Odor Removal
- Particle Removal
- Heavy Metal Ion Removal

APPLICATIONS/CONTAMINANT REMOVAL

	Molecular Pigment	Heavy Metal Ions	Odor	Particles
Chemical Intermediates	✓	✓	✓	✓
Carbohydrate	✓	✓	✓	✓
Food Additives	✓	✓	✓	✓
Biopharmaceuticals	✓	✓	✓	✓
Air			✓	✓

FLOW RATES



ORDERING INFORMATION

EXAMPLE: **69PACW0500HTC10S-P** = 69 mm dia., 5.0 µm, 222 o-ring/flat, 10", with silicone seals

<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p>PACW</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p>0500</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p>S</p>	<p>-P</p>
<p>Diameter</p> <p>65 = 65 mm outer diameter 20 mm inner diameter</p> <p>69 = 69 mm outer diameter 30 mm inner diameter</p>	<p>Removal Rating</p> <p>0500 = 5.0 µm</p>	<p>Connection</p> <p>DOE = Double Open End, Flat Gasket HTC = 222 O-ring/Flat (PBT insert) HTF = 222 O-ring/Fin (PBT insert) HSC = 226 O-ring/Flat (PBT insert) HSF = 226 O-ring/Fin (PBT insert)</p>	<p>Nominal Length</p> <p>05 = 5" 10 = 10" 20 = 20" 40 = 40"</p>	<p>Seal Material</p> <p>S = Silicone</p>	



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