



# Carbopor CP Series Activated Carbon Filter Cartridges

Activated carbon, a porous substance with strong physical adsorption forces, has the highest volume of adsorbing porosity of any material known to mankind. Activated carbon filters are widely applied in industrial processes as the most efficient method of removing odors, chlorine, volatile organic compounds (VOC), colors, tastes and other contaminants from fluids.

Carbopor CP Series uses the new generation of carbon cartridges produced by *extrusion* process. They provide long service life and superior adsorption performance compared to conventional granular activated carbon cartridges and release minimum fines. With high mechanical strength and low ash content, the carbon block structure prevents channeling, bypassing, fluidizing or unloading of carbon fines. To prevent premature plugging of the activated carbon layer, Carbopor filters incorporate an effective pre-filtration layer designed to intercept gels and large particles.



Carbopor CP Series activated carbon filter cartridges use premium grade *coconut shell extruded* carbon blocks and can be supplied in a variety of lengths to meet the requirements of the process application.

Polymeric and Elastometric materials meet US FDA Title 21 requirements.

## Applications

- PCB solutions
- Plating and coating solutions
- Industrial water treatment
- Drinking water treatment
- Chlorine and VOC removal
- Tastes, odors and organic pigments reduction
- Chlorinated compounds reduction
- Oils and aromatic compounds removal

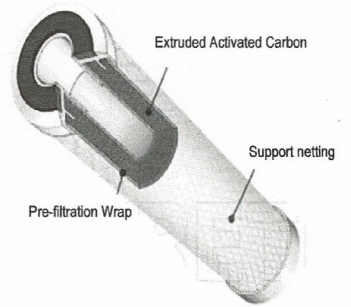
## Product Specifications

### Materials of Construction

|                   |  |
|-------------------|--|
| CP Filter Media:  | Bonded porous activated carbon with polyethylene binders |
| Outer Netting:    | Polyethylene   |
| End Caps:         | Polypropylene  |
| Inner/Outer Wrap: | Polypropylene  |

### Dimensions

Outside Diameter: 2.56" (65mm)  
 Lengths: 10", 20", 30", 40"



## Performance Specifications

### Retention Ratings

CP 5µm

### Operating Conditions

Maximum Operating Temperature:  
 CP: 180°F (82°C)

### FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations



| Ordering Guide |                |
|----------------|----------------|
| Name           | Nominal Length |
| CP             | 10"            |
|                | 20"            |
|                | 30"            |
|                | 40"            |

**Warning:** For drinking water applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**Note:** The Carbopor cartridge will contain a very small amount of carbon fines (very fine black powder), and a new cartridge should be flushed with sufficient water to remove traces of the fines from your water system before using the water. It is recommended that you flush for at least 20 seconds prior to using water

CP-NA-0317



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