



### Sintered Activated Carbon Filter Cartridges

These Gopani filters are the most widely used carbon block devices in the world and provide previously unattainable performance at the lowest price point. These filters simultaneously remove free chlorine and organic chemicals that contribute to taste and odor while providing the particulate filtration and dirt-holding capacity of an efficient 5µm nominal sediment filter. These filters are optimized for applications where they perform the role of both a sediment and activated carbon filter.

The extrusion process allows the production of a carbon block with more carbon, but a lower pressure drop. This enables the filter to deliver extended life while removing sediment, chlorine, taste, odor and organic contaminants from water, aqueous solutions or suspensions. This filter is also widely used in filtering organic solvents. The workhorse filter is ideal for use in residential and commercial water purification systems, food service, pre and post-RO systems.

Protective Nylon netting is applied to the exterior of the cartridge. Polypropylene end caps with compression gaskets fit most standard housings.

- No Channeling
- No Fluidizing
- No Bypassing
- Eliminates Release of Carbon Fines
- Lowest extractable, pure materials of construction
- Maximum service life and resistance to fouling
- High dirt holding capacity
- Greater chlorine removal capacity

High performance carbon block filter removes

<b>Harmful volatile organic chemicals</b>	<b>Inorganic contaminants</b>
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Chlorine Benzene Trichloroethylene Carbon Tetrachloride	Lead Aluminum Asbestos
<b>Disease causing bacteria</b>  Cryptosporidium Gardia	<b>Pesticides</b>  Lindane Dieldrin

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- Residential and commercial water purification systems
- Food service
- Pre and post-R0 systems

### Sintered Activated Carbon Filter Cartridges Materials

- Filtering Medium: Activated Carbon
- End Caps: Polypropylene
- Netting: Nylon
- Inner – Outer Wrap: Polypropylene
- Gaskets: Buna N

### Removal Ratings

- 5 µm

### Dimensions

#### Standard Cartridge:

- Lengths: 10" / 254 mm, 20" / 508 mm
- Out side Diameter: 70 mm
- In Side Diameter: 27 mm

#### Jumbo Cartridge:

- Lengths: 10" / 254 mm, 20" / 508 mm
- Out side Diameter: 112 mm
- In Side Diameter: 30 mm

#### Effective Surface Area:

- Standard Cartridge: 0.05 m<sup>2</sup>/10"
- Jumbo Cartridge: 0.09 m<sup>2</sup>/10"

#### Operating Conditions

- Maximum temperature: 60°C

- Maximum Forward Pressure: 4.1 kg/cm<sup>2</sup>
- Maximum differential pressure: 1.1 bar

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<b>Item Code</b>	<b>Size</b>	<b>Length</b>	<b>Micron</b>
ACF	ST - Standard	L1 – 10"	M5 – 5 Micron
	JU - Jumbo	L2 – 20"	