

# Carbon Impregnated Cellulose Water Filter Cartridges

## ACI series

ACI series filter cartridges construct of a powder activated carbon impregnated cellulose media, remove fine sediment particles and reduce unwanted taste, odor, and chlorine taste & odor from your tap water. Outer netting provides additional strength and dirt-holding capacity.

Impregnated cellulose carbon filter cartridge is an economical solution for filtering out the sediment particles and remove the unpleasant taste and odors in the waters.

The impregnated cellulose carbon filter is a multi-layer filter cartridge, which can ensure the high filtering efficiency and long service life. The inner layer is the non-woven fabric, which can prevent the carbon leaking off. Polyurethane square mesh is covering the non-woven fabric to maintain the high compressive strength. The impregnated cellulose media layer is the most important layer of the carbon filter cartridge, which consists of high quality activated carbon powder, which provides high efficiency filtration and purification. The polyethylene outer netting is strong enough to ensure the integrity and firmness of the carbon filter cartridge.

## Features

- Basic chlorine reduction at a very good economic value
- Both chlorine and sediment reduction

## Applications

- Polishing filter for process or closed-loop streams
- General purpose taste and odor reduction for residential chlorinated water supplies

## Specifications

### Codes

ACI

### Material of Construction

Filter media: powder AC impregnated cellulose

Inner core: polypropylene

Outer netting: polyester

End caps: polypropylene

Gaskets: EPDM

### End Caps

DOE with gasket

### Cartridge Diameter

Standard: OD65 (ID28mm);

Jumbo: OD115 (ID28mm)

### Cartridge Length

9.75" (248mm)

9.87" (250mm)

10" (254mm)

20" (508mm)

### Micron Rating

10 µm

### Efficiency

Nominal rated

### Max. Operating Temp.

60°C (140°F)

### Ref. Flow Rate

10" length: 3 ~ 10gpm

### Suggested Differential Pressure

Max dirty:

4 bar @ 25°C ( 58 PSIG @ 77°F)

*\*Depends on the respective application requirements.*



## Ordering Information

Codes	Diameter	Micron	Length	Endcap
ACI series	S: OD65 (ID28mm); J: OD115 (ID28mm);	10 µm	975: 9.75" (248mm); 987: 9.87" (250mm); 10: 10" (254mm); 20: 20" (508mm)	G: DOE with EPDM gasket

**Seadon** Filtration

ISO 9001 Certified Manufacturer

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