

## ACTIVE CARBON FILTER CARTRIDGES

### ACF SERIES FILTERS FOR REMOVAL OF CHLORINE, FOUL TASTE AND ODORS, AND ORGANIC MATTER

ACF Series Filter Cartridges are made from active carbon fiber wrapped in non-woven polypropylene. The filters combine the performance of depth filtration and the adsorption of activated carbon fiber. The outside layer of polypropylene media can remove particles, and the activated carbon can remove chlorine, foul taste and odors, and organic matter effectively.

#### FEATURE

#### BENEFIT

**Combined polypropylene outer media with inner activated carbon media**

Multi-media construction provides high flow rates with good adsorption capability

Wide chemical compatibility

High resistance to acid and alkali liquids

Strong absorption ability to remove chlorine, pigments, and odors

No fiber release

#### SPECIFICATIONS

**Filter media** Active Carbon Fiber

**Support/Core** Polypropylene

**Max. Operating temperature** 70°C

**Max. Operating pressure** 0.30 MPa (3.0 bar, 43.5 psi) at 21°C  
0.12 MPa (1.2 bar, 17.4 psi) at 70°C

**Nominal O.D.** 64 mm (2.50")

**Nominal I.D.** 30 mm (1.18")

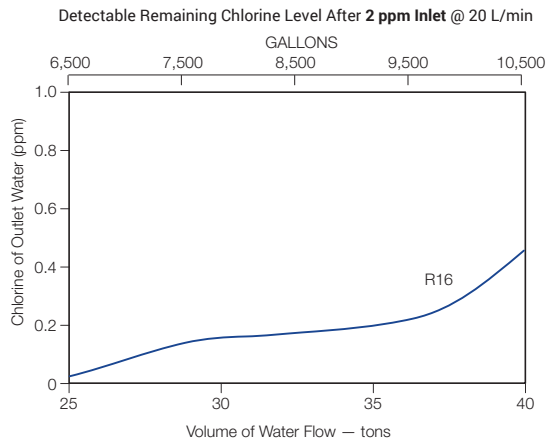
**Mean Pore Size** 5 μm



#### APPLICATIONS

- Water De-chlorination
- Electroplating bath
- Drinking water and R.O. pure water treatment
- Odor removal
- Organic pigment removal

## ABSORPTION OF CHLORINE



### ORDERING INFORMATION

EXAMPLE: **ACFR16TF10E-F** 1600 mg/g, 222 o-ring connection, 10", with EPDM seals

#### ACF



##### Adsorption of Iodine (mg/g)

R8 = 800  
R10 = 1000  
R16 = 1600  
R18 = 1800



##### End Cap

H = Double Open End  
(PE gasket)  
TF = 222 O-ring/fin  
SF = 226 O-ring/fin  
TC = 222 O-ring/flat  
SC = 226 O-ring/flat



##### Nominal Length

10 = 10"  
20 = 20"  
30 = 30"  
40 = 40"



-F

##### Seal Material

S = Silicone  
E = EPDM  
Blank = PE gasket,  
(DOE option)



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