

Active Carbon Filter Cartridges

ACF Series Filter

Cobetter ACF series-filter cartridges is made from active carbon fiber rolled by polypropylene non-woven. It combines the performance of depth filtration and the adsorption of activated carbon fiber. The outside deep fiber media can remove particles, and the activated carbon can wiping off chlorine, bad taste and organic matter effectively.

Features and Benefits

- High flow rates with good absorption
- Wide chemical capability
- High resist to acid and alkali
- Strong absorption ability to chlorine, pigment and peculiar smell
- No fiber release

Applications

- Water De-chlorination
- Electroplating bath
- Drinking water and R.O pure water treatment
- Remove smell, odor, organic pigment





Material of Construction

Filter Medium	Active Carbon Fiber
Support	Polypropylene
Core	Polypropylene
Nominal O.D.	2.50" (64mm)
Nominal I.D.	1.18" (30mm)
Mean Pore Size	5µm

Operating Conditions

Maximum Temperature	158°F(70°C)
Maximum Pressure	43.5psi (3bar)/70°F(21°C) 17.6psi (1.2bar)/158°F(70°C)

Adsorption of Chlorine

Chlorine of Outlet Water (ppm)									
25t	30t	32t	34t	35t	36t	37t	38t	39t	40t
0	≤0.05	<0.1	<0.2	<0.2	0.2	>0.2	>0.2	0.3	≥0.05

Notice: chlorine of inlet water: 2ppm, flow rate 20L/min

Ordering Information

ACF	Adsorption of Iodine (mg/g)	End Cap	Nominal Length	Seal Material	-F
[Φ64]	R16 =1600	H = PE gaskets, Double open TF =222 o-ring/fin SF =226 o-ring/fin	10 =10"(N:254mm H:254mm) 20 =20"(N:510mm H:509mm) 30 =30"(N:768mm H:764mm) 40 =40"(N:1022 mm)	S =Silicone E =EPDM	