

# CLEANFLO CB™

Activated Carbon Block Filters



## INDUSTRIES & APPLICATIONS



**Electronics** : Plating Process



**Food & Beverage** : De-chlorination, De-odors, De-colors, De-tastes



**Water treatment** : TOC removal

CLEANFLO CB™ is an activated carbon filter designed for reducing contaminants such as colors, bad odors, bad tastes by dissolved organics and chlorine.

CLEANFLO CB™ filter is composed of coal based activated carbon extruded together with thermoplastic binder and polypropylene synthetic fibers. This unique construction allows maximum contact time between the fluid and the activated carbon, ensuring optimal adsorption and minimizes channeling and bypass. It provides 5micron particle removal efficiency in nominal rating as well.

## FEATURES & BENEFITS

- High carbon content provides extended filter service life
- The optimized filter construction minimizes channeling and bypass
- Minimized carbon migration
- High flow rate with low pressure drop
- Consistent and reliable filtration performance
- Cost-effective to reduce expenses

## TECHNICAL DATA

### Nominal Dimensions

· Length	250, 500, 750 mm
· Inner Diameter	30 mm
· Outer Diameter	64 mm

### Materials of Construction

· Filtration Media	Activated carbon
· Support Media	Polypropylene
· Inner Core	Polypropylene
· Outer Cover	Polypropylene
· End Caps	Polypropylene
· Gaskets	Foamed Polyethylene

### Max. Operating Temperature

50°C (122°F)

### Max. Operating Forward Differential Pressure

4 bard (58.0 psid) at 20 °C  
 3 bard (43.5 psid) at 40 °C  
 2 bard (29.0 psid) at 60 °C

### Recommended Change Out Differential Pressure

2 bard (29.0 psid)

### Recommended Flow Rate

Less than 8LPM / 10inch cartridge

### Nominal Micron Rating

5 µm

### Chlorine Reduction

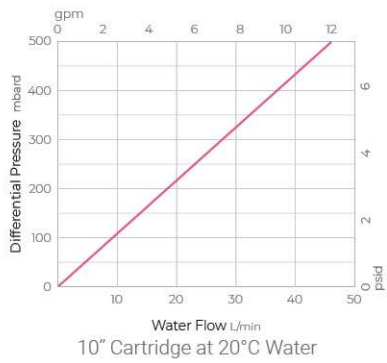
> 98% at 5LPM  
 based on inlet chlorine concentration of 2ppm

### Activated Carbon Weight

> 100g / 10inch cartridge

**TYPICAL CLEAN WATER FLOW**

**CARTRIDGE**



**ORDERING INFORMATION**

① **ACB** - **005** - **C1** **S** **C** **P** **1**

② **1**

**LENGTH**

- 1** : 250 mm
- 2** : 500 mm
- 3** : 750 mm

**ABSFIL**