

# Fulflo®

## MC and RC Carbon Filter Cartridges



### Optimize Process Filtration with High Integrity Metallic Cartridges

Parker's FDA grade activated carbon cartridge series provides effective control of taste and odour causing contaminants in water such as chlorine and dissolved organics. The MC Series features a unique 3-stage treatment matrix with a granular carbon chamber between two layers of 5 micron rated wound polypropylene medium. The RC Series is similarly constructed but with a larger outside.

The MMCT-10 is unique within this series as a single open-end carbon bottle design in which flow is channelled through the entire length of the cartridge. With this design contact time is maximised for optimum adsorptive contaminant removal.



#### Applications:

- Drinking Water
- Plating Solutions
- Waste Water Treatment
- Colour Contaminated Fluids

#### Product Features:

- All components of the carbon cartridge series meet FDA guidelines for potable and edible liquid contact according to CFR Title 21
- Six different cartridge sizes to accommodate most vessels
- Unique design with pre-filtration and post filtration stage to optimise activated carbon layer
- Liquid phase high surface area activated carbon maximises chlorine removal
- Unique 3-stage water treatment capability from one filter cartridge

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## Specifications

### Filtration Rating

5 micron nominal

### Materials of Construction

Adsorbent: Granulated 12 x 40 Mesh  
Activated Carbon

Filter Media: Polypropylene

Support Core: Polypropylene

End Caps: PVC

End Cap Adhesive: PVC

Gasket: EPDM

### Maximum Operating Conditions

Max Temperature: 76°C at 2.1 bar

Max Pressure: 4.1 bar at 24°C

### Recommended Operating Conditions

Change-Out Pressure: 2.1 bar or  
when objectionable taste or odour are  
detected in effluent water

Flow Rate: 3.8 l/min per 10"

## Ordering Information:

Cartridge Part Number	Carbon Content	Nominal Dimensions (mm)			Recommended Filter Vessel
		Length	OD	ID	
RC4	95 g	96.8	82.5	27	BR4-3/8 SD
RC10	275 g	98.1	82.5	27	BRSB10-3/4 SD
MC10-2	115 g	98.1	69.8	27	LT10 and Other Fulflo Vessels
MC20-2	250 g	506.4	69.8	27	LT20 and Other Fulflo Vessels
MC30-2	395 g	763.6	69.8	27	All Fulflo Vessels
MMCT-10	185 g	98.1	69.8	27	LT10 Only

1 - MMCT-10 is single open end style and fits only LT10 and similar competitive vessels

2 - All other cartridges are double open end style. MC cartridges are stackable in multi-length vessels by using stainless steel spacers (P/N 5710-5022)

\* - Trademark of E.I. duPont de Nemours & Co.



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**Map and Directions to Prosep Filters Limited**



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)