

# Fulflo® MegaFlow™

## High-Flow Filter Cartridges



## Parker's High Flow Capacity Pleated Filter Cartridges

Parker's Fulflo® MegaFlow™ cartridges are ideally suited for high flow applications. Each MegaFlow™ cartridge can handle flow rates up to 660 l/min, significantly reducing the number of cartridges required and housing size. Each MegaFlow™ has flow capacity equal to 8 standard 40" long cartridges. Positive O-ring seals and a built in handle make cartridge installation reliable, fast and easy.

MegaFlow™ cartridges are available in either pleated polypropylene or cellulose media with nominal ratings of 0.5, 1, 5 and 10 micron.



### Applications:

- Potable Water
- Vegetable Oil
- Lubricants
- Coolants
- Petrochemicals
- Wastewater
- Food and Beverage
- RO Pre-filtration

### Product Features:

- High flow capacity means fewer cartridges and less time to change
- Thermally bonded polypropylene and phenolic resin bonded cellulose filter media prevent particle bleed through and unloading that commonly occurs with wound cartridges
- Built in handle makes change fast, easy and safe
- High surface area pleated design provides low pressure drop and long service life
- Polypropylene cartridges comply with FDA regulations per CFR Title 21

# Fulflo® MegaFlow™

## Specifications

### Filtration Rating

90% at specified micron rating

### Materials of Construction

Filter Media: MCNP - Polypropylene  
 MCNC - Cellulose  
 Support Layers: Polypropylene (MCNP)  
 None (MCNC)  
 Support Core: Glass-Filled  
 Polypropylene

### Dimensions

OD: 152 mm  
 ID: 89 mm

### Maximum Operating Conditions

Max Temperature: 93°C at 2.1 bar  
 Max Pressure: 10 bar at 25°C  
 Max Flow Rate: 660 l/min per 40"

### Recommended Operating Conditions

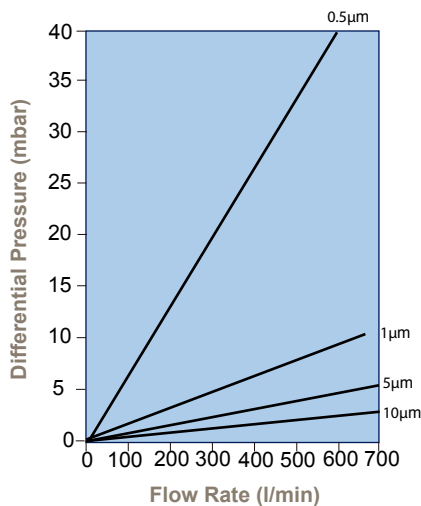
Change-Out Pressure: 2.4 bar

### Flow Factor Table\*\*

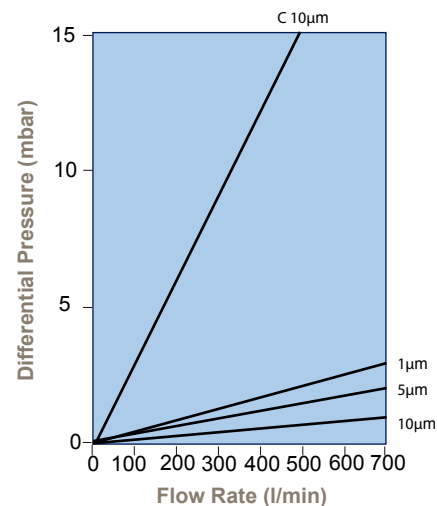
MegaFlow PolyPropylene	0.5µm	1µm	5µm	10µm
Flow factor (mbar / l/min @ 1cks)	0.05466	0.012754	0.007288	0.005466

MegaFlow Cellulose	0.5µm	1µm	5µm	10µm
Flow factor (mbar / l/min @ 1cks)	0.03644	0.003644	0.001822	0.000911

Flow rate vs. ΔP  
 (1 cks liquid @ 23°C)

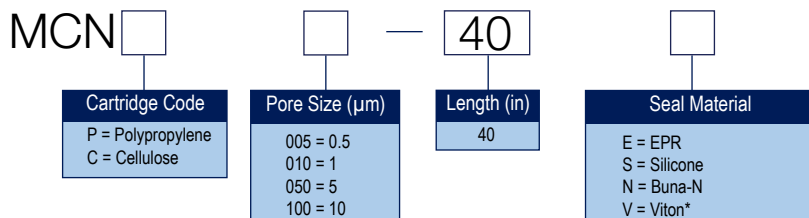


Flow rate vs. ΔP  
 (1 cks liquid @ 23°C)



Cartridge Code	90%	95%	98%	99%	99.9%
MCNP005	0.5	1	2	5	10
MCNP010	1	3	7	10	30
MCNP050	5	10	20	30	50
MCNP100	10	30	50	60	90
MCNC005	0.5	1	2	3	10
MCNC010	1	2	3	5	20
MCNC050	5	8	10	15	85
MCNC100	10	12	15	30	200

## Ordering Information:



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

\*\* - Flow factor required for sizing. Refer to page 62 for further information



PROSEP FILTER SYSTEMS LTD  
Unit G19  
River Bank Way  
Lowfields Business Park  
Elland  
West Yorkshire  
HX5 9DN

**Tel: 01422 377367**

**Fax: 01422 377369**

Email: [enquiries@prosep.co.uk](mailto:enquiries@prosep.co.uk)

[www.prosep.co.uk](http://www.prosep.co.uk)

**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](#)