

# Fulflo® MegaFlow™ Plus

## High-Flow Filter Cartridges



## Parker's High Flow Capacity Pleated Filter Cartridges

Parker's Fulflo® MegaFlow™ Plus cartridges are ideally suited for high flow applications where absolute particle removal is required. Each MegaFlow™ Plus cartridge can handle flow rates up to 660 l/min, significantly reducing the number of cartridges required as well as the housing size.

Positive O-ring seals and a built in handle make cartridge installation reliable, fast and easy.

MegaFlow™ Plus cartridges are available with pleated polypropylene media for use in a wide variety of fluids. Absolute ratings range from 1 µm to 150 µm.



## 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™ Plus

## Specifications

### Filtration Rating

99.98% at specified micron rating

### Materials of Construction

Filter Media: MCAP - Polypropylene  
 Support Layers: Polypropylene  
 Support Core: Glass-Filled Polypropylene

### Dimensions

OD: 152 mm  
 ID: 89 mm

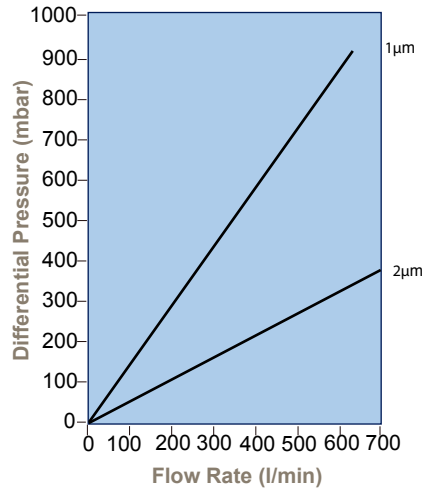
### Maximum Operating Conditions

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

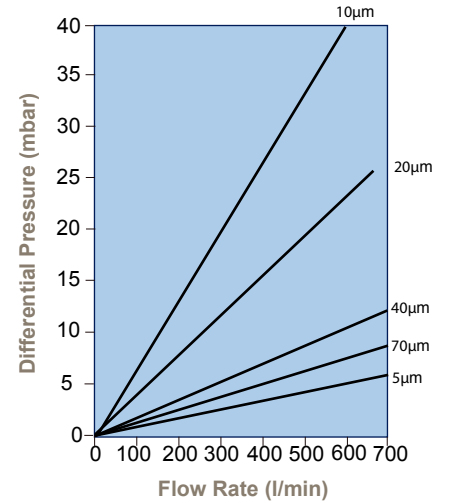
### Recommended Operating Conditions

Change-Out Pressure: 2.4 bar

Flow rate vs.  $\Delta P$   
 (1 cks liquid @ 23°C)



Flow rate vs.  $\Delta P$   
 (1 cks liquid @ 23°C)

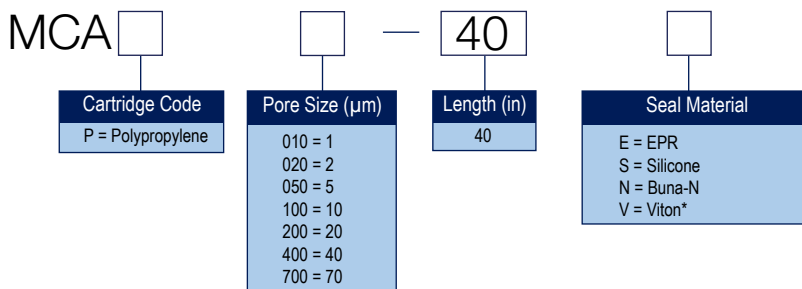


Cartridge Code	99.98%	99.9%	99%	98%
MCAP010	1	0.8	0.45	<0.2
MCAP020	2	1.5	0.8	0.2
MCAP050	5	4	1	0.45
MCAP100	10	7	2	0.5
MCAP200	20	13	4	2
MCAP400	40	22	7	3
MCAP700	70	52	22	15

### Flow Factor Table\*\*

MegaFlow Plus	1µm	2µm	5µm	10µm	20µm	40µm	70µm
Flow factor (mbar / l/min @ 1cks)	1.42116	0.56482	0.14576	0.05466	0.03644	0.01822	0.014576

## Ordering Information:



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

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

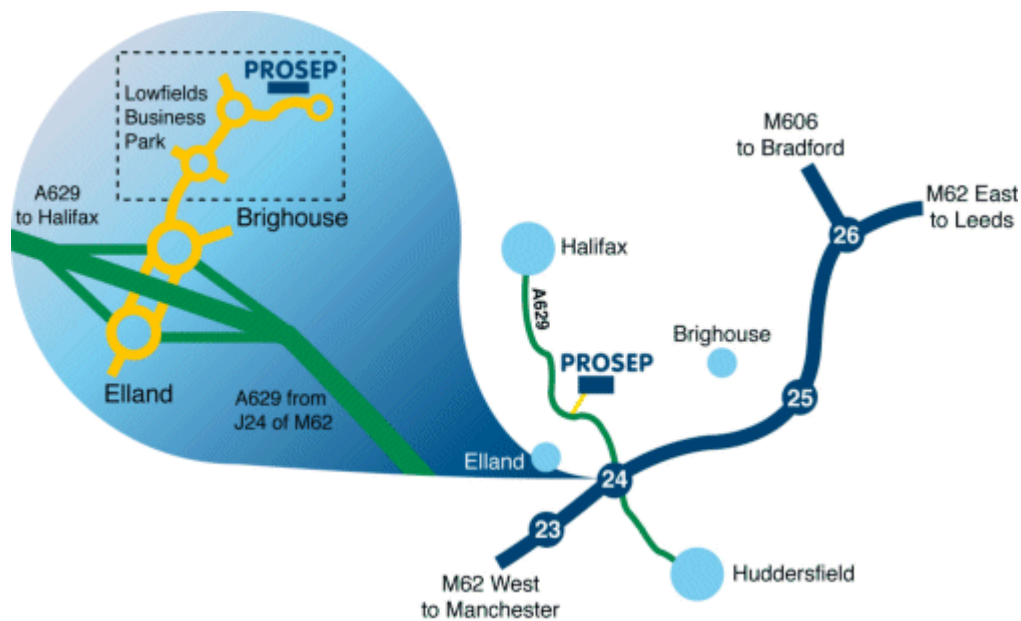


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**Map and Directions to Prosep Filters Limited**



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](#)