



**CleverFilter**

THE FILTRATION PEOPLE

[www.cleverfilter-group.com](http://www.cleverfilter-group.com)

All-Polypropylene Membrane Filter Elements

# MicroPP

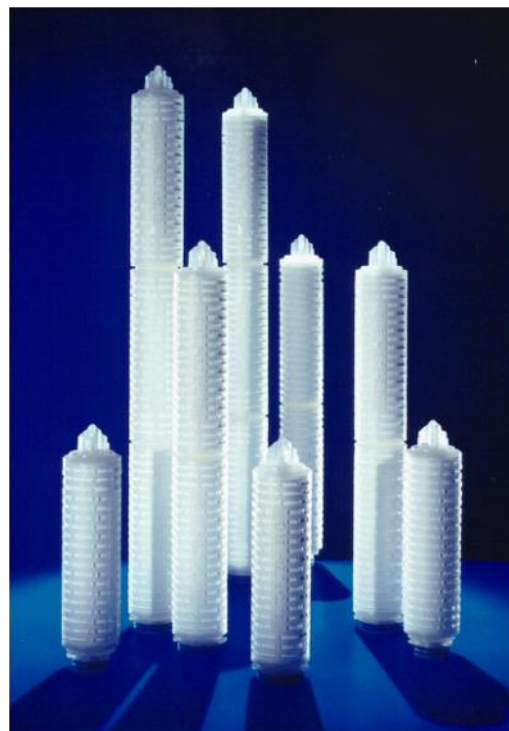
## Polypropylene Membrane Filter Elements

### General Specification

Our **MicroPP** filter element series has been developed for applications where the excellent chemical compatibility of Polypropylene meets the need for the reliable retention capability of a high performance membrane with stable pore structure.

They perfectly fit into nearly all respective housings of various other market participants.

All elements of the **MicroPP** filter series are strictly manufactured under the norms of ISO 9001 / 14001 and OHSAS 18001 in clean rooms as pre-condition for persistent quality. Moreover, they combine this quality with unrivaled cost effectiveness.



MicroPP filter elements

### Design Features

Filter media:	Stable membrane matrix from virgin PP fibers in a fixed pore structure for continuous, steady retention with concurrent high dirt capacity
Support:	Nonwovens from virgin PP
Hardware:	Outer and inner core as well as end caps from virgin PP
Finish:	Most advanced thermo welding processes without usage of any binders or surfactants
Filter area:	0.7 m <sup>2</sup> per 10" element
Pre-flush:	With ultra-pure water for all E-grade elements, for F-grade elements on demand
Diff. Pressure:	Max. 4.5 bar (@ 21°C)
Op. temp.:	Max. 80°C (@ max. 1.5 bar)
Special test:	Plastic parts have been tested for food contact materials according to USP Class VI – 121°C

### Applications

- General industry
- Water purification
- Fermentation industry
- Microelectronics
- Food and Beverage
- Chemical and Petrochemical
- Biopharmaceutical
- Power plant
- Many others



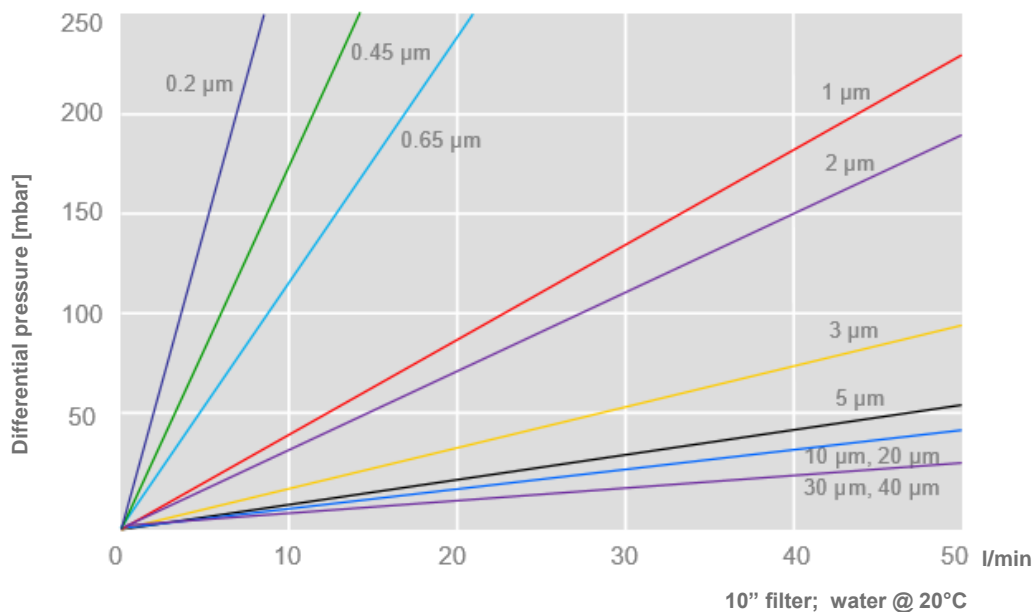
CleverFilter

THE FILTRATION PEOPLE

[www.cleverfilter-group.com](http://www.cleverfilter-group.com)

## All-Polypropylene Membrane Filter Elements

### Technical Data



### Product Code

PPC – 92 – E – H – 3 – 1 – S

PPC : Micro-Polypropylene  
Cartridge Filter

### Sealing material:

S : Silicone  
E : EPDM  
V : Viton®

### Abs. Retention rate: [µm]

92 : 0.2  
94 : 0.45  
96 : 0.65  
01 : 1  
02 : 2  
03 : 3  
05 : 5  
10 : 10  
20 : 20  
30 : 30  
40 : 40

### Length [inch]:

1 : 10  
2 : 20  
3 : 30  
4 : 40

### Category:

E : Microelectronics  
F : Food & Beverage  
Pharmaceutical  
G : General

### Adaptor:

3 : SOE 222 – / flat closed  
6 : SOE 226 – bayonett / flat closed  
7 : SOE 226 – bayonett / fin closed  
8 : SOE 222 – / fin closed  
R : DOE with flat gasket on both ends

Couldn't find what you were looking for? More variations on request!