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eFlon PTFE

Hydrophilic Polytetrafluoroethylene Membrane Filter

eFlon hydrophilic PTFE membrane filter elements

General Specification

Our **eFlon hydrophilic PTFE** filter element series has been developed for applications where the excellent chemical compatibility and / or the high temperature performance of hydrophilic Polytetrafluoroethylene meets the need for the reliable retention capability of an high-end performance membrane with its stable pore structure.

All elements of the **eFlon hydrophilic PTFE** filter series are strictly manufactured under the norms of ISO 9001 / 14001 and OHSAS 18001 in class 10,000 clean rooms as pre-condition for persistent quality. Moreover, they combine this quality with unrivaled cost effectiveness.

And, of course they perfectly fit into nearly all respective housings of various other market participants.

Design Features

Filter media:	Hydrophilic PTFE membrane, no pre-wetting needed for almost all fluids filtered
Support:	Nonwovens from virgin PP
Hardware:	Outer and inner core as well as end caps from virgin PP
Finish:	Most advanced thermal welding processes without usage of any binders or surfactants
Filter area:	0.8 m² per 10” element
Pre-flush:	With ultra-pure water for all E-grade elements
Op. temp.:	Max. 90°C @ max. allowable Δp of 2.0 bar
Max. delta p:	4.0 bar @ 40°C or 2.0 bar @ 40-90°C

Applications

- High-precision process fluid filtration
- Microelectronics
- Pharmaceutical
- Chemical indusrty
- Many others

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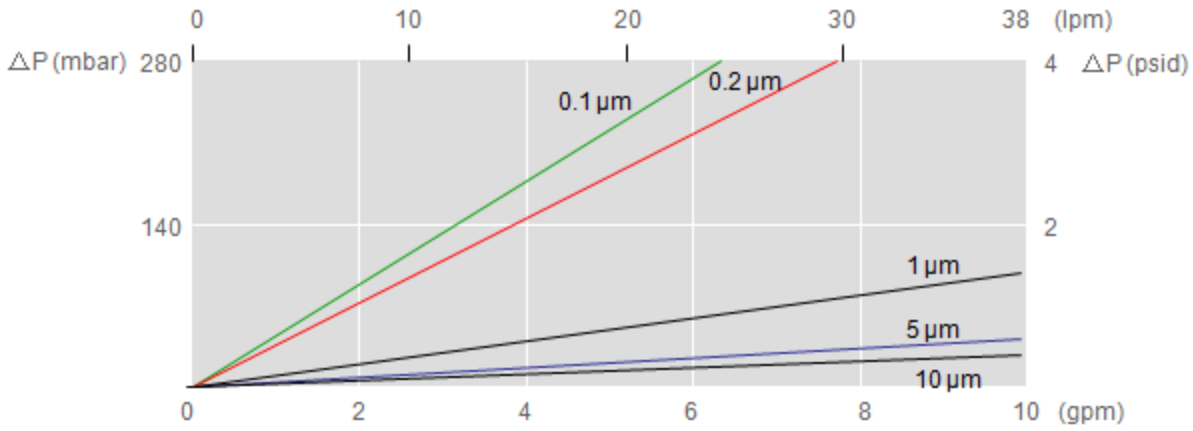
Technical Data



Product Code

PTC – 91 – W – 3 – 1 – E

PTC : Hydrophilic PTFE Cartridge Filter

Retention rate [µm]:

91	:	0.1
92	:	0.2
01	:	1
05	:	5
10	:	10

Adapter:

3	:	222 / Flat
7	:	226 / Fin
8	:	222 / Fin
R	:	Double open end

Sealing material:

E	:	EPDM
V	:	Viton
F	:	FEP encapsulated

Length [inch]:

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