

Pleated Filter Elements PF - Series

The pleated filter elements of the PF series are made entirely of polypropylene. A multilayer structure and the pleating of the filter medium guarantee a high particle absorption with a low initial differential pressure.

Main features

- Approved for contact with food
- Biosafety according to USP Class VI
- Separation performance of 99.98% ($\beta = 5000$)
- Broad chemical resistance

Application

As pre and end filter at

- Chemicals
- Pharmaceutical products
- Water treatment
- Food
- Beverages
- Film emulsions
- Air and gas
- Oil
- Solvents
- Suspensions



Technical specifications

Filter medium, support core, end caps
Polypropylene

Sealings / O-Rings
NBR, EPDM, Silicon, Viton
FEP coated

Porosities
0,2 μm , 0,6 μm , 1,2 μm , 2,5 μm
5,0 μm , 10 μm , 20 μm , 40 μm

Lengths
9 3/4", 10", 20", 30", 40"

Adapter
Code 1 (DOE), Code 2, Code 3,
Code 7, Code 8

Inside diameter
27,9 mm

Outside diameter
68,6 mm

Operating temperature
max. 80°C
(at 2,8 bar Differential pressure)

Differential pressure
max. 5,2 bar @ 21°C
max. 2,8 bar @ 80°C

recommended filter change
at 2,4 bar Differential pressure

Diagramm

Durchflußmenge einer 10" Filterkerze in
Abhängigkeit vom Differenzdruck

Durchflußrate bei Wasser
(pro 10" Kerze)

