

# Pleated Filter Elements PM - Series

The pleated filter elements of the PM series are made entirely of polypropylene. The pleated design of the filter elements results in a high degree of dirt absorption with a low differential pressure at the same time.

## Main features

- Comply with Title 21 of the FDA (CFR)
- Separation performance of 99.98% ( $\beta = 5000$ )
- Fixed pore structure, high dirt absorption, long service life
- Broad chemical resistance

## Applications

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, net  
Polypropylene

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

Porosities  
0,2  $\mu\text{m}$ , 0,45  $\mu\text{m}$ , 1,0  $\mu\text{m}$ , 2,5  $\mu\text{m}$   
5,0  $\mu\text{m}$ , 10  $\mu\text{m}$ , 25  $\mu\text{m}$ , 40  $\mu\text{m}$

Lengths  
9  $\frac{3}{4}$ " , 10" , 20" , 30" , 40"

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

Inside diameter  
25,4 mm

Outside diameter  
64,8 mm

Operating temperature  
max. 80°C  
(at 1,7 bar Differential pressure)

Differential pressure  
max. 3,4 bar @ 21°C  
max. 1,7 bar @ 80°C

recommended filter change  
at 2,4 bar Differential pressure

