

# Pleated Filter Elements PG - Series

The pleated filter elements of the PG series are made entirely of polypropylene. The folding of the filter medium increases the surface area and thus enables high flow rates with low filtration costs.

## Main

- Approved for contact with food
- Biosafety according to USP Class VI
- Separation performance of 90 % ( $\beta = 10$ )
- Broad chemical resistance

## Applications

As pre 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  $\mu\text{m}$ , 0,5  $\mu\text{m}$ , 1,0  $\mu\text{m}$ , 3,0  $\mu\text{m}$   
5,0  $\mu\text{m}$ , 10  $\mu\text{m}$ , 30  $\mu\text{m}$

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)

