

Pleated Filter Elements TG - Series

The pleated filter elements of the TG series are made entirely of polypropylene. Thanks to the special structure of the filter medium, this filter element combines the advantages of depth and surface filtration. The high thickness of the filter medium ensures an increased dirt holding capacity and allows the filtration of gel-like, slimy or deformable particles.

Main features

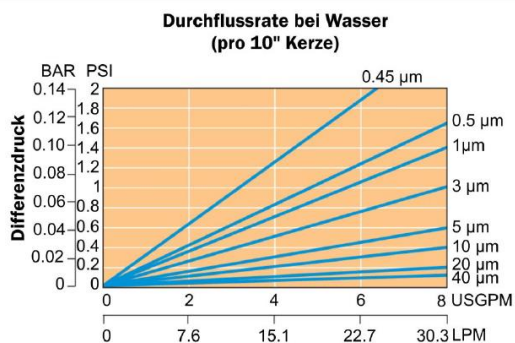
- Separation performance of 99.9% ($\beta = 1000$)
- Sterilization with hot water at 85 ° C for 30 min. at max. 0.2 bar possible
- Sterilization in an autoclave at 121 ° C for 30 min. possible
- Broad chemical resistance

Applications

As pre and end filter at

- Ink
- Colours
- Highly viscous media
- Beverages
- Adhesives
- Coatings
- Gel-like or slimy particles

Diagramm



Technical specifications

Filter medium, support core, end caps
Polypropylene

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

Porosities
0,45 µm, 0,5 µm, 1,0 µm, 3,0 µm
5,0 µm, 10 µm, 20 µm, 40 µm

Lengths
9 ¾", 10", 20", 30", 40"

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

Inside diameter
25,4 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