

Membrane filter elements CF (E) - Series

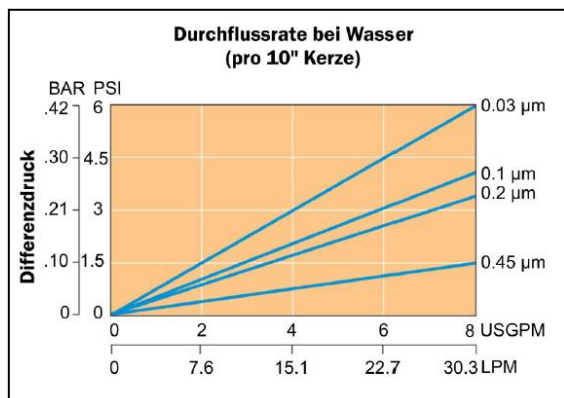
The membrane filter elements of the CF series (version E) are made with a hydrophilic polyethersulfone membrane with an asymmetrical pore size distribution. As a result, the elements have absolute retention rates for particles and microorganisms. They have been specially developed for filtration in the semiconductor and electronics industries.

Main features

- Production in clean rooms (according to ISO Class 7)
- Biological safety according to USP Class VI
- Sanitizable (85°C, 30 min)
- High flow rate and dirt holding capacity
- Filter surface of 0.7 m² / 10" element
- Pre-rinsed with 18 MΩ DI water
- High mechanical strength

Applications

- Water treatment
- Chemicalfiltration
- Final filtration of 18 MΩ DI water
- Filtration of hot DI water



Technical specifications

Filter material

Polyethersulfone membrane

Support core, end caps, cage

Polypropylene

Seals / O-rings

NBR, EPDM, silicone, Viton
FEP coated

Porosity

0,03 µm, 0,1 µm, 0,2 µm, 0,45 µm

Length

9 ¾", 10", 20", 30", 40"

Adapter

Code 2, Code 3, Code 7, Code 8

Inside diameter

25,4 mm

Outer diameter

69,0 mm

Operating temperatur

max. 80 °C

(at 1.38 bar differential pressure)

Differential pressure

max. 4,14 bar @ 27°C

max. 2,07 bar @ 71°C

recommended filter change

at 2.4 bar differential pressure