

# Membrane filter elements CF (B) - Series

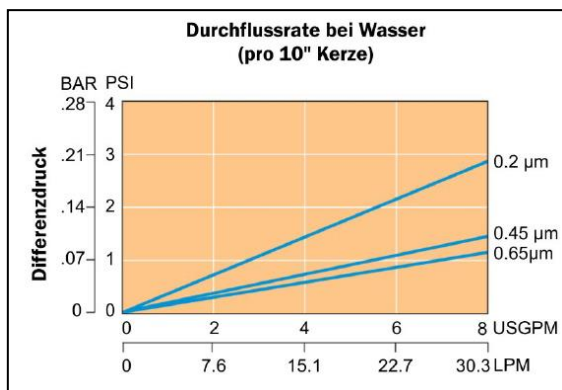
The membrane filter elements of the CF series (version B) are made with a hydrophilic polyethersulfone membrane with an asymmetrical pore size distribution. As a result, the elements have absolute retention rates for particles and microorganisms.

## Main features

- Production in clean rooms (according to ISO Class 7)
- All materials are FDA-listed and therefore approved for contact with food
- Biological safety according to USP Class VI
- Can be steamed several times (135 ° C, 30 min) and sanitized (85 ° C, 30 min)
- High flow rate and dirt holding capacity
- Filter surface of 0.7 m<sup>2</sup> / 10 "element
- Pre-rinsed with DI water

## Applications

- Water treatment (demineralized water, ultrapure water)
- Pharmaceutical products
- Groceries
- Beverages (wine, beer, spirits, sparkling wine, mineral water, etc.)
- Cosmetics
- High purity chemicals
- Photoresists



## Technical specifications

### Filter material

Polyethersulfone membrane

### Support core, end caps, cage

Polypropylene

### Seals / O-rings

NBR, EPDM, silicone, Viton  
FEP coated

### Porosity

0,2 µm, 0,45 µm, 0,65 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