

Membrane filter elements

CF - series (version B)

Pleated polyethersulfone (PES) membrane filter elements with support frame and end caps made of polypropylene. All components are thermoplastically welded to one another. The operating temperature is max. 80°C. The elements are suitable for the safe retention of bacteria. All materials used in production meet the requirements of the FDA and are approved for contact with food. The elements can be steamed several times (135°C and 30 minutes) and sanitized (85°C and 30 minutes). They are pre-rinsed with DI water.

(For more information, see product sheet 1.351)



(CF - Reihe, Ausführung B)

CF - series (version E)

Pleated polyethersulfone (PES) membrane filter elements with support frame and end caps made of polypropylene. All components are thermoplastically welded to one another. The operating temperature is max. 80 ° C. The filter elements can be used for up to 30 minutes in DI water at 95 ° C. By flushing with 12 liters of ultrapure water with a flushing time of <30 minutes per 10 "element, a conductivity resistance of 18 MΩ is achieved. Each element is serially tested for integrity. The elements are specially developed for the semiconductor and electronics industry.

(For more information, see product sheet 1.352)



(CF - Reihe, Ausführung E)

CF - series (version W)

Pleated polyethersulfone (PES) membrane filter elements with support frame and end caps made of polypropylene. All components are thermoplastically welded to one another. The operating temperature is max. 80 ° C. This version was specially developed for applications in the water sector and is an economical alternative to version B. All materials used in production meet the requirements of the FDA and are approved for contact with food.

(For more information, see product sheet 1.353)



(CF - Reihe, Ausführung W)

Membrane filter elements

Ordering Information

Product group	Porosity (absolutely)	Length	Adapter	Seal	Version
CF	020	020	7	E	B
	020 = 0,20 µm	009 = 9 ¾"	2 = 226/Flat	N = NBR	B = Biological
	045 = 0,45 µm	010 = 10"	3 = 222/Flat	S = Silicone	
	065 = 0,65 µm	020 = 20"	7 = 226/Fin	E = EPDM	
		030 = 30"	8 = 222/Fin	V = Viton	
		040 = 40"		F = FEP _{encased}	

Areas of application for version B

- ✓ Water treatment
- ✓ Food filtration
- ✓ Pharmaceutical precursors
- ✓ High purity chemicals
- ✓ Beverage industry
- ✓ Retention of yeast and bacteria
- ✓ Cosmetics
- ✓ Photoresists

Product group	Porosity (absolutely)	Length	Adapter	Seal	Version
CF	010	030	7	E	E
	003 = 0,03 µm	009 = 9 ¾"	2 = 226/Flat	N = NBR	E = Elektronik
	010 = 0,10 µm	010 = 10"	3 = 222/Flat	S = Silicone	
	020 = 0,20 µm	020 = 20"	7 = 226/Fin	E = EPDM	
	045 = 0,45 µm	030 = 30"	8 = 222/Fin	V = Viton	
		040 = 40"		F = FEP _{encased}	

Areas of application for version E

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

Product group	Porosity (absolutely)	Length	Adapter	Seal	Version
CF	045	010	3	E	W
	005 = 0,05 µm	009 = 9 ¾"	2 = 226/Flat	N = NBR	W = Water
	010 = 0,10 µm	010 = 10"	3 = 222/Flat	S = Silicone	
	020 = 0,20 µm	020 = 20"	7 = 226/Fin	E = EPDM	
	045 = 0,45 µm	030 = 30"	8 = 222/Fin	V = Viton	
	065 = 0,65 µm	040 = 40"		F = FEP _{encased}	

Areas of application for version W

- ✓ Water treatment
- ✓ Food filtration
- ✓ Chemical filter
- ✓ Process water
- ✓ Beverage filtration
- ✓ Pre-filter and final filter for DI water
- ✓ Cosmetics
- ✓ Lacquers