



Sanitary Microfiltration Elements

0.16 to 0.5 Micrometer (μm) Pore Size

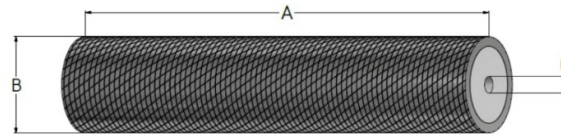
Polymeric Elements

MF Membranes

Membrane	Material	Pore Size (μm)	Max. Process Temperature*	pH Process Limits**	CIP Max Temperature	CIP pH Limitations**
PV500	Polyvinylidene Fluoride	0.16	131°F (55°C)	2 - 10	122°F (50°C)	1.8 - 11
PV550	Polyvinylidene Fluoride	0.24	131°F (55°C)	2 - 10	122°F (50°C)	1.8 - 11
PV600	Polyvinylidene Fluoride	0.29	131°F (55°C)	2 - 10	122°F (50°C)	1.8 - 11
PV650	Polyvinylidene Fluoride	0.31	131°F (55°C)	2 - 10	122°F (50°C)	1.8 - 11
PV700	Polyvinylidene Fluoride	0.50	131°F (55°C)	2 - 10	122°F (50°C)	1.8 - 11

**Consult factory for detailed cleaning instructions.
Complies with 3A sanitary standards, FDA (CFR Title 21)

Element Specifications



Element Size ¹	Feed Spacer (mil)	Membrane Area		Element Cross Flow Rate ²		Max. Element ΔP^2		Element Diameter ("B")		Element Length ("A")		Permeate Tube Diameter ("C")	
		(ft ²)	(m ²)	(gpm)	(m ³ /hr)	(psi)	(bar)	(in)	(mm)	(in)	(mm)	(in)	(mm)
3838	31 (A)	73.4	6.8	25	5.7	15	1	3.8	97	38	965.2	0.83 (O)	21.08 (O)
	46 (E)	58.6	5.4	29	6.6	20	1.4	3.8	97	38	965.2	0.83 (O)	21.08 (O)
	65 (I)	47.5	4.4	33	7.5	25	1.7	3.8	97	38	965.2	0.83 (O)	21.08 (O)
	80 (K)	40.7	3.8	35	7.9	25	1.7	3.8	97	38	965.2	0.83 (O)	21.08 (O)
4338	31 (A)	97	9.0	29	6.5	15	1	4.3	109	38	965.2	0.83 (O)	21.08 (O)
	46 (E)	77.5	7.2	35	8	20	1.4	4.3	109	38	965.2	0.83 (O)	21.08 (O)
	65 (I)	62	5.8	66	15	25	1.7	4.3	109	38	965.2	0.83 (O)	21.08 (O)
	80 (K)	54	5.0	79	18	25	1.7	4.3	109	38	965.2	0.83 (O)	21.08 (O)
6338/6438	31 (A)	220	20.4	74	16.8	15	1	6.3/6.4	162.6	38	965.2	1.139 (W)	28.93 (W)
	46 (E)	164	15.2	88	20.0	20	1.4	6.3/6.4	162.6	38	965.2	1.139 (W)	28.93 (W)
	65 (I)	143	13.3	99	22.5	25	1.7	6.3/6.4	162.6	38	965.2	1.139 (W)	28.93 (W)
	80 (K)	120	11.2	105	23.8	25	1.7	6.3/6.4	162.6	38	965.2	1.139 (W)	28.93 (W)
8038	31 (A)	340	31.5	107	24.3	15	1	8.0	203.2	38	965.2	1.139 (W)	28.93 (W)
	46 (E)	295	27.4	128	29.1	20	1.4	8.0	203.2	38	965.2	1.139 (W)	28.93 (W)
	65 (I)	224	20.8	143	32.5	25	1.7	8.0	203.2	38	965.2	1.139 (W)	28.93 (W)
	80 (K)	189	17.6	154	35.0	25	1.7	8.0	203.2	38	965.2	1.139 (W)	28.93 (W)

¹Material: Polysulfone

²Recommended cross flow rates and ΔP are dependent on various process parameters.