

Multibore® Membrane

Membrane data

Number of capillaries per fiber		7
Diameter inner capillary (d) Multibore® 0.8	mm	0.8
Diameter inner capillary (d) Multibore® 0.9	mm	0.9
Diameter inner capillary (d) Multibore® 1.5	mm	1.5
Pore size	nm	approx. 20
Material		PESm
Mode of filtration		In-to-Out

Pressure

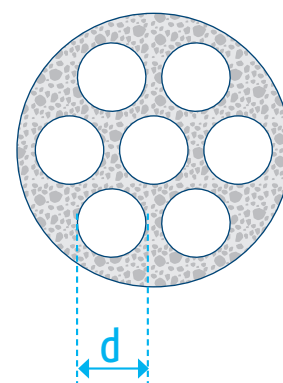
Membrane burst pressure Multibore® 0.8	bar	psi	>12	>175
Membrane burst pressure Multibore® 0.9	bar	psi	>12	>175
Membrane burst pressure Multibore® 1.5	bar	psi	>10	>150
Transmembrane pressure in Filtration	bar	psi	0.1 – 1.5	1.5 – 20
Transmembrane pressure in Backwash	bar	psi	0.3 – 3.0	5 – 40

Flux

Filtration ^[1]	L/(m².h)	gfd	60 – 180	35 – 105
Backwash ^[1]	L/(m².h)	gfd	230	135
Backwash range	L/(m².h)	gfd	230 – 300	135 – 175

Chemicals

Sodium hypochlorite (NaOCl)	ppm	max. 500
	ppm x h	max. 250,000 (at pH ≥ 9.5)
Hydrogen peroxide (H ₂ O ₂)	ppm	max. 500
Caustic Soda pH		max. 13
Acid pH		min. 1



[1] Typical.



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Note

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