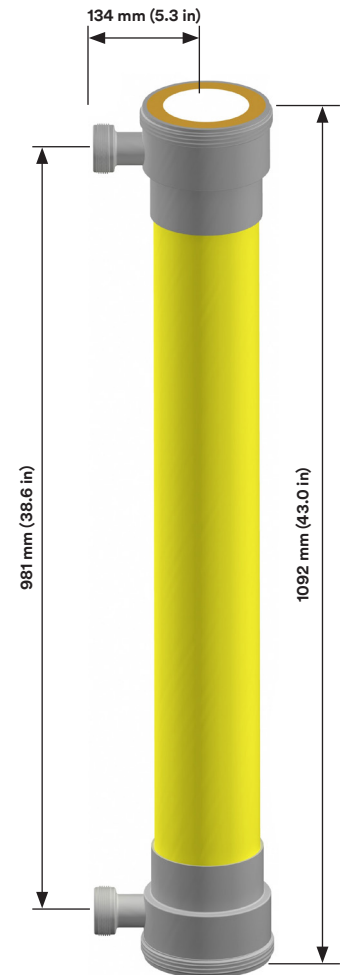




3M™ Liqui-Flux™ Membrane Module MF-PES Series, Type B200

Typical Properties

Applications	
Intended Use	Wine Filtration
Module Characteristics	
Membrane Surface Area	8.7 m ²
Membrane Type	MF-PES
Membrane Material	Polyethersulfone
Pore Size (nominal)	0.2 μm
Capillary Inner Diameter	1.2 mm +/- 0.1mm
Operating Mode	Cross-Flow Filtration Inside-Out
Housing Material	Polysulfone
Potting Material	Polyurethane
Connection Concentrate	Screw connection 6" NPSM
Connection Filtrate	Screw connection 1½" NPSM
Maximum Housing Pressure at Temperature	4.0 bar at 20°C (58.0 psi at 68 °F)
Operating Conditions	
Maximum Transmembrane Pressure Inside - Outside	2.0 bar at 20°C (29.0 psi at 68 °F) 1.0 bar at 40°C (14.5 psi at 104 °F)
Maximum Back Flush Pressure Above Outlet Pressure	1.0 bar at 20°C (14.5 psi at 68 °F) 0.5 bar at 40°C (7.3 psi at 104 °F)
Inlet Liquid Volume Flow (for velocity of 1 m/s)	~10 m ³ /h
pH-range During Operation	2 – 10
pH-range During Short Term Cleaning	2 – 13
Cleaning Conditions	
Maximum Inlet Pressure at Maximum Temperature	1.0 bar at 70°C (14.5 psi at 158 °F)
Regulatory Compliance	
According (EU) 10/2011 & (EC) 1935/2004	



All dimensions are nominal.

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