

REVERSE OSMOSIS 2.5 INCH HIGH FLOW SEAWATER MEMBRANE SPECIFICATIONS

High flow at the lowest pressure for new applications

Reverse Osmosis Elements with Thin Film Composite Polyamide

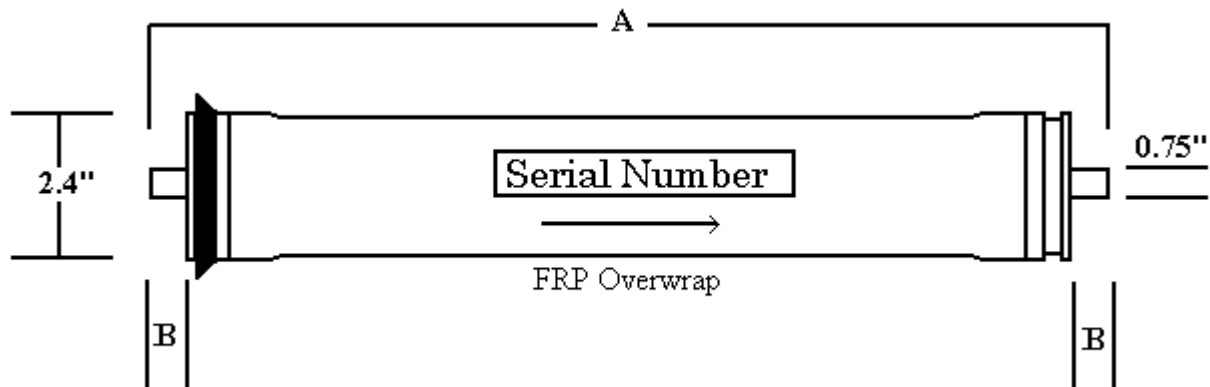
Membrane Designed to fit a 2.45-2.5 Inch ID Housing or Pressure Vessel

ALL MATERIALS ARE NSF AND/OR FDA APPROVED WITH THE EXCEPTION OF THE ADHESIVE ON THE TAPE OUTER WRAP. THIS TAPE DOES NOT COME IN CONTACT WITH THE PERMEATE FLOW.

Model no.	Dimensions	Dimensions	Flow (GPD)	Rejection (%)	
	A (Inches)	B (Inches)	Nominal	Min.	Nominal
MEM 2514-SW-HF	14	1.2	200	99.2	99.5
MEM 2521-SW-HF	21	1.2	300	99.4	99.7
MEM 2540-SW-HF	40	1.0	650	99.4	99.7

1. Permeate flow and salt rejection based on the following test conditions: 32000 ppm TDS, 800psi (5.5Mpa), 77 F (25 C), pH 7.5 and 15% recovery

2. Flow rates for individual elements may vary +/-15%



Operating Limits

Membrane Type	Thin-Film Composite
Maximum Operating Pressure	1000psi (6.9 Mpa)
Maximum Feed Flow Rate	6gpm (1.4m /h)
pH Range, Continuous	2 to 11
pH Range, Cleaning Cycle (30 min)	1 to 12
Maximum Operating Temperature	113 f (45 C)
Maximum Feed Turbidity	1 NTU
Maximum Feed Silt Density Index	SDI 5
Free chlorine Tolerance	<0.1 ppm

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