

**REVERSE OSMOSIS
HIGH BORON REJECTION 2.5 INCH SEAWATER MEMBRANE
SPECIFICATIONS**

93% Boron rejection seawater applications

Reverse Osmosis Elements with Thin Film Composite Polyamide
Membrane Designed to fit a 2.45-2.5 Inch ID Housing or Pressure Vessel

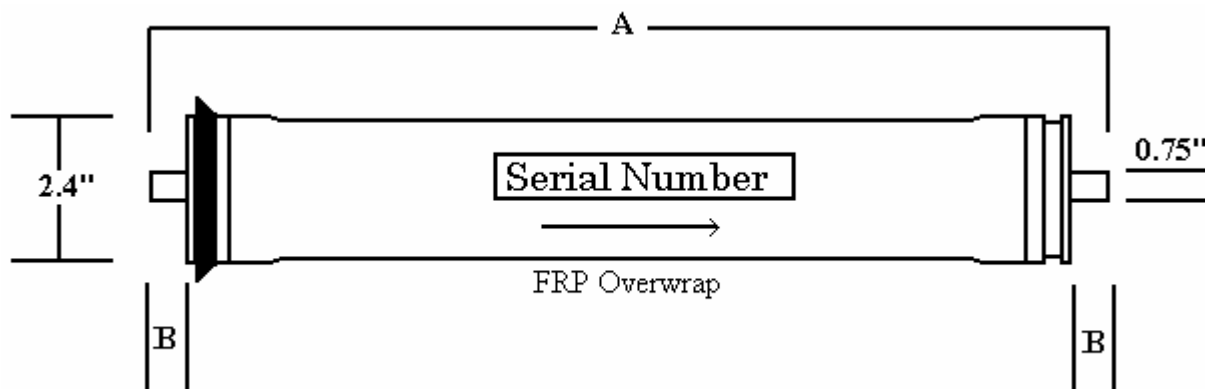
ALL MATERIALS ARE NSF AND/OR FDA APPROVED WITH THE EXCEPTION OF THE ADHESIVE ON THE OUTER WRAP AND THE FIBERGLASS OUTER WRAP.

Model no.	Dimensions	Dimensions	Flow (GPD)	Rejection (%)		
	A (Inches)	B (Inches)	Nominal	Min.	Nominal	Boron
MEM 2540-SW-B	40	1.0	400	99.6	99.75	93.0

1. Permeate flow and salt rejection based on the following test conditions: 32000 ppm TDS, 800psi (5.5Mpa), 77 F (25 C), pH 8 and 15% recovery

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

*5 mg/L Boron added to feed water.



Operating Limits

Membrane Type	Thin-Film Composite
Maximum Operating Pressure	1000psi (6.9 Mpa)
Maximum Feed Flow Rate	6gpm (1.4m ³ /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