

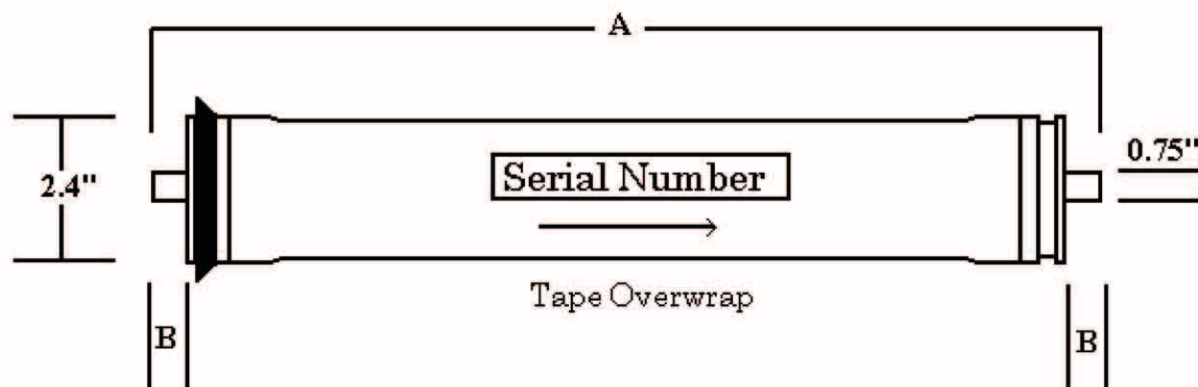
**REVERSE OSMOSIS
2.5 INCH LOW PRESSURE MEMBRANE
SPECIFICATIONS**

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
MEM 2514-LP	14.0	1.2	225	98.0	99.4
MEM 2521-LP	21.0	1.2	450	98.0	99.4
MEM-2526-LP	26.0	1.2	500	98.0	99.4
MEM 2540-LP	40.0	1.2	700	98.0	99.4

1. Permeate flow and salt rejection based on the following test conditions: 1500 ppm NaCl, 150psi (1.05Mpa), 77 F (25 C), pH 7.5 and 15% recovery
2. Flow rates for individual elements may vary +/-15%

**Operating Limits**

Membrane Type
Maximum Operating Pressure
Maximum Feed Flow Rate
pH Range, Continuous
pH Range, Cleaning Cycle (30 min)
Maximum Operating Temperature
Maximum Feed Turbidity
Maximum Feed Silt Density Index
Free chlorine Tolerance

Thin-Film Composite
300psi (2.1 Mpa)
6gpm (1.4 m³/h)
2 to 11
1 to 12
113 f (45 C)
1 NTU
SDI 5
<0.1 ppm

April 2, 2009