

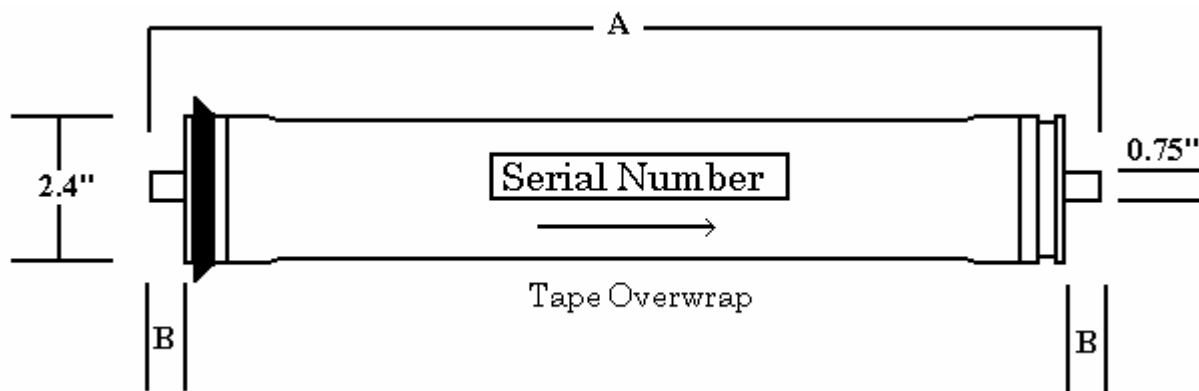
**REVERSE OSMOSIS  
2.5 INCH EXTRA LOW PRESSURE MEMBRANE  
SPECIFICATIONS**

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-XLP	14	1.2	250	98.0	99.0
MEM 2521-XLP	21	1.2	400	98.0	99.0
MEM 2540-XLP	40	1.1	850	98.0	99.0

1. Permeate flow and salt rejection based on the following test conditions: 500 ppm NaCl, 100psi (0.7MPa), 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	300psi (2.1 Mpa)
Maximum Feed Flow Rate	6gpm (1.4m <sup>3</sup> /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