

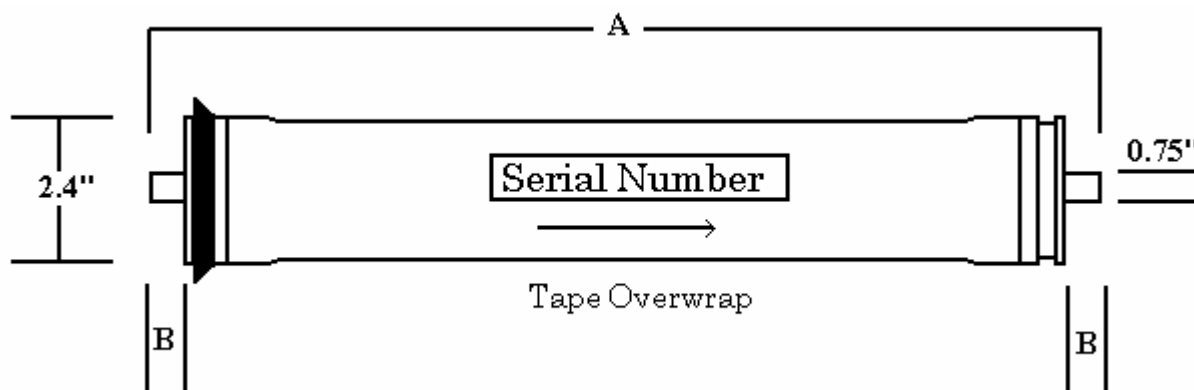
**REVERSE OSMOSIS
2.5 INCH HIGH REJECTION TAPWATER MEMBRANE
SPECIFICATIONS**

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 TW	14	1.2	150	99.0	99.5
MEM 2521 TW	21	1.2	300	99.0	99.5
MEM 2540 TW	40	1.0	600	99.0	99.5

1. Permeate flow and salt rejection based on the following test conditions: 2000 ppm NaCl, 225psi (1.6Mpa), 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 (1.4 m 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