

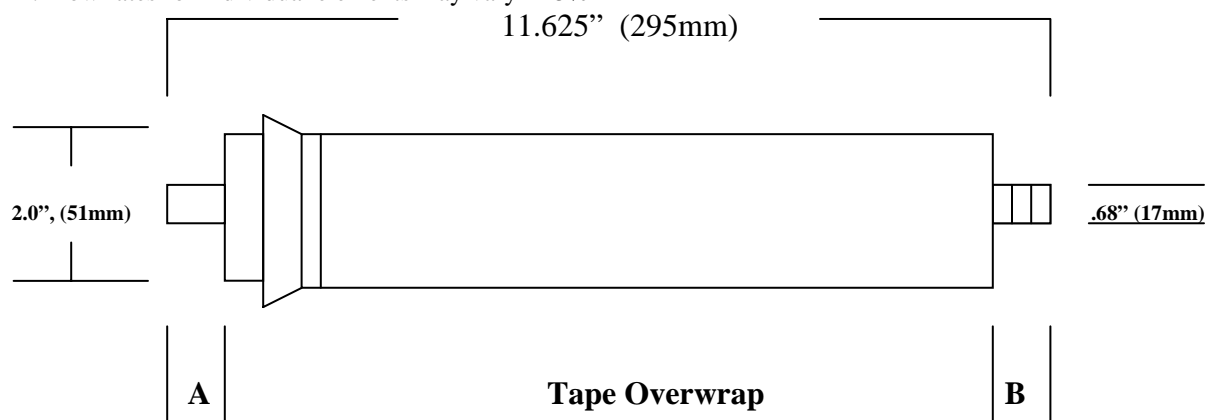
**REVERSE OSMOSIS  
2.0 INCH TAPWATER MEMBRANE  
SPECIFICATIONS**

Reverse Osmosis Elements with Thin Film Composite Aromatic Polyamide  
Membrane Designed to fit a 2.0 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)	(GPD)	Rejection	Rejection
	A (Inches)	B (Inches)	Min.	Nominal	Max.	Min.	Nominal
MEM 1512-35	.75(19mm)	.75 (19mm)	30	35	40	96	98
MEM 1812-50	.75(19mm)	.75 (19mm)	45	50	55	96	98
MEM 2012-75	.75(19mm)	.75 (19mm)	70	75	80	96	98
MEM 2012-100	.75(19mm)	.75 (19mm)	90	100	110	96	98

1. Permeate flow and salt rejection based on the following test conditions: 500 ppm TDS, 50psi (.36 Mpa), 77 F (25 C), pH 7.5 and 16% recovery
2. Flow rates for individual elements may vary+-15%



**Operating Limits**

Maximum Operating Pressure	225psi (1.55 Mpa)
Maximum Feed Flow Rate	2gpm (1.4 m <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

April 2, 2009