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WATERITE TECHNOLOGIES, INC.
PRODUCT SPECIFICATION SHEET
RO-MEM-001

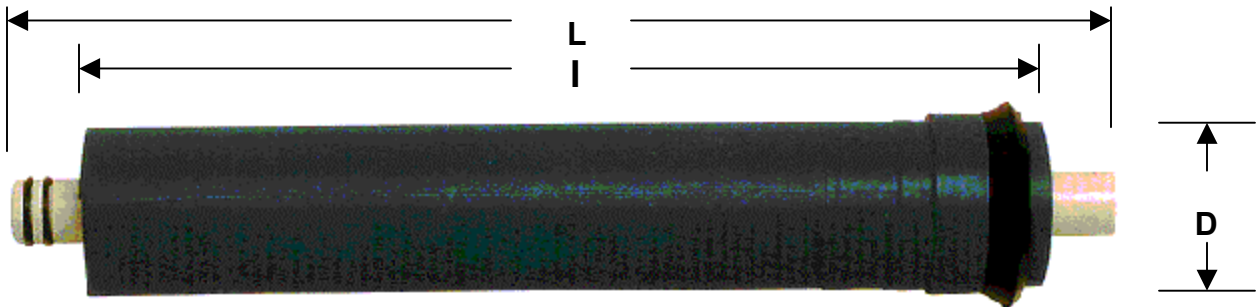
BLACK MAX RESIDENTIAL TFC REVERSE
OSMOSIS MEMBRANE ELEMENTS

A. GENERAL SPECIFICATIONS

TYPE:	Spiral wound TFC RO membranes, tape wrapped,
FEED WATER PRESSURE:	40 psi minimum, 125 psi maximum
FEED WATER TEMP:	45° C (113° F) maximum
FEED FLOW RATE:	2.0 gpm maximum
COLOUR:	Black external tape with gray trim

DIMENSIONS:

Model No.	L		I		D	
	Inches	CM	Inches	CM	Inches	CM
BME1812R24	11.63	295	10.0	250	1.8	46
BME1812R36	11.63	295	10.0	250	1.8	46
BME1812R50	11.63	295	10.0	250	1.8	46
BME1812R75	11.63	295	10.0	250	1.8	46
BME1812R100	11.63	295	10.0	250	1.8	46



SPEC RO-MEM-001

May, 2002

PACKAGING: Elements are shipped in sealed bags and contain a preservative solution of 1-2% (by weight) of sodium metabisulphite (food grade).

TRADE NAME: ***BLACK MAX®***

B. PERFORMANCE SPECIFICATIONS

Model No.	Permeate Flow Rate		Minimum Salt Rejection (%)	Stabilized Salt Rejection (%)
	Gals/Day	Liters/Day		
BME1812R24	24	90	96	98
BME1812R36	36	136	96	98
BME1812R50	50	190	96	98
BME1812R75	75	285	96	98
BME1812R100	100	380	96	98

*Production rate @ feed water of 500 TDS, 25°C, system pressure @ 65 psi, 15 % recovery, pH 7-8.
Permeate flow may vary +/- 15%.*

C. RECOMMENDED FEED WATER PRETREATMENT SPECIFICATIONS:

TDS: < 2000 TDS
HARDNESS: < 6 grains/gal. (103 mg/l)
TOTAL IRON: < .05 ppm
TANNIN: < .5 ppm
CHLORINE: < .1 ppm
pH: 5.5 – 9.5
ORGANIC/MICROBIOLOGICAL ACTIVITY: 0
MANGANESE: <.05 ppm
HYDROGEN SULPHIDE: 0
TURBIDITY: < 1NTU
SILT DENSITY INDEX: < 5.0

D. OPERATING AND STORAGE AND WARRANTY INFORMATION

1. Elements must be kept sealed and moist when in storage. Drying out will irreversibly damage the membranes.
2. Prevent elements from freezing, or being exposed to direct sunlight.
3. Elements are shipped in sealed bags and contain a preservative solution of 1-2% (by weight) of sodium metabisulphite (food grade).
4. Discard permeate from the first hour of operation.
5. Membrane Elements for residential systems have a one year warranty from the date of shipment. Warranty is void for membrane elements fouled by suspended solids, precipitates or biological growth. Membrane warranty is also void if the membrane elements are improperly used, poorly maintained or improperly stored.

