



The Specialty Membrane Company

# PRODUCT SPECIFICATION

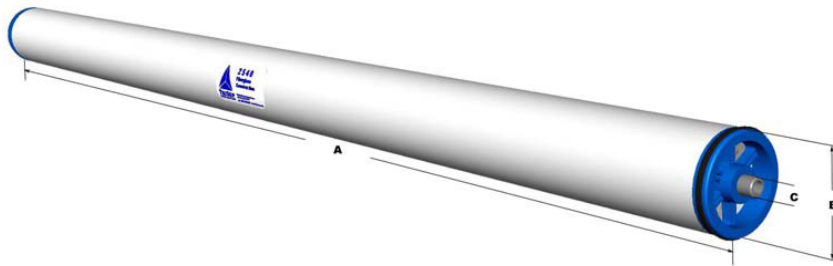
## 2526 High Performance RO Element

Model	Permeate Flow GPD (m <sup>3</sup> /day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
<b>2526-ACM4-TWT</b>	600 (2.3)	99	98

\* Performance is based on the following test conditions: 2,000 ppm NaCl, 225 psi, 77 °F (25 °C), 10% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +20%/-20%.

### OPERATIONAL AND DESIGN DATA

Membrane Type .....	Fully Aromatic Polyamide Advanced Composite Membrane
Configuration .....	Tape-Wrapped Spiral Element
Active Membrane Area .....	15 ft <sup>2</sup> (1.4 m <sup>2</sup> )
Typical Applied Pressure .....	100 - 200 psi (7 - 14 bar)
Maximum Applied Pressure .....	300 psi (21 bar)
Maximum Operating Temperature .....	113 °F (45 °C)
Feed pH Range .....	2 - 10 continuous
Chlorine Tolerance .....	<0.1 ppm
Maximum Feed Flow .....	6 GPM (1.4 m <sup>3</sup> /hr)
Maximum Pressure Drop .....	10 psi (0.7 bar) per element; 30 psi (2.1 bar) across housing
Maximum Feed SDI (15 minutes) .....	4.0
Maximum Feed Turbidity .....	1 NTU



Element Weight: 4 lbs. (1.8 kg)  
 Length (A): 26.0" (660 mm)      Diameter (B): 2.5" (63 mm)      Permeate Tube (C): 0.75" (19 mm)  
 Permeate Tube: Male-Style Permeate Tube  
 Feed Spacer: 0.028" thick diamond spacer



**Engineered Membrane**  
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