

Membranes

- Industry-standard flux and rejection.
- Standard dimensions for easy retrofit.

REVERSE OSMOSIS ELEMENT

SW-2540

PERFORMANCE

Permeate Flow	2.1 m ³ /d
Salt Rejection	99.4% (99.0% minimum)

MEMBRANE ELEMENT

Configuration	Spiral Wound
Membrane Polymer	Composite Polyamide
Membrane Active Area	28 ft ² (2.6m ²)
Feed Spacer	31 mil (0.787mm)

APPLICATION DATA

Maximum Applied Pressure	1000 psi (6.9MPa)
Maximum Chlorine Concentration	< 0.1 PPM
Maximum Operating Temperature	113°F (45°C)
pH Range, Continuous (Cleaning)	2-12
pH Range, Continuous (Running)	3-10
Maximum Feed water SDI (15 mins)	5.0
Maximum Feed Flow	6 GPM (1.4 m ³ /h)
Boron-removing rate (%)	92
Maximum Pressure Drop for Each Element	15 psi

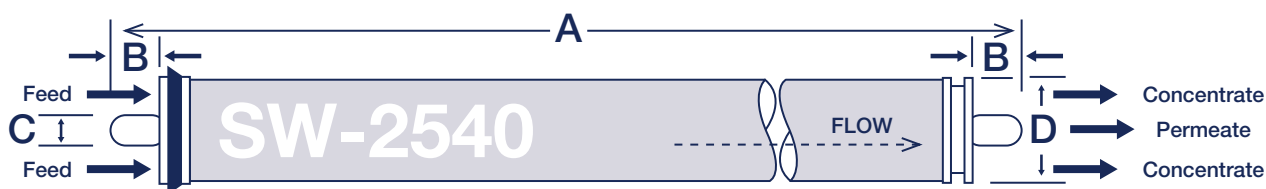
** The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane. Please feel free to contact us for more detail on operation limits, cleaning pH, and cleaning temperatures.*

TEST CONDITIONS

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

32000 PPM NaCl solution
800 psi (5.5 MPa) Applied Pressure
77°F (25°C) Operating Temperature
8% Permeate Recovery
6.5 - 7.0 pH Range

Notice: Permeate flow for individual elements may vary ± 15 percent. Membrane active area may vary $\pm 5\%$ -10%. Element weight may vary. All membrane elements are supplied with a brine seal, interconnector, and o-rings.



DIMENSIONS

A inches (mm)	B inches (mm)	C inches (mm)	D inches (mm)
40.00 (1016.00)	1.05 (26.70)	0.75 (19.10)	2.40 (61.00)

Enquiries: will@watercomponents.au