

Membrane Element **SWC-2540**

Performance:	Permeate Flow:	500 gpd (1.9 m ³ /d)
	Salt Rejection: Minimum	99.4 %

Type	Configuration:	Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Nominal Membrane Area:	28 ft ²

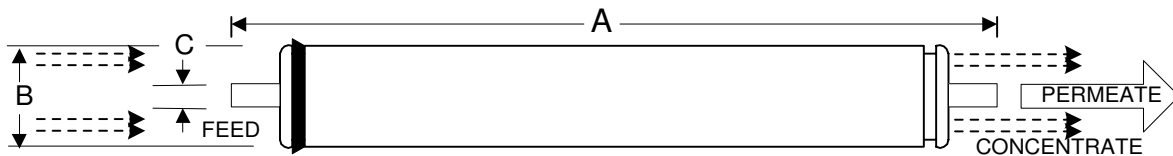
Application Data*	Maximum Applied Pressure:	1,000 psig (6.9 MPa)
	Maximum Chlorine Concentration:	< 0.1 PPM
	Maximum Operating Temperature:	113 °F (45 °C)
	Feedwater pH Range:	3.0 - 10.0
	Maximum Feedwater Turbidity:	1.0 NTU
	Maximum Feedwater SDI (15 mins):	5.0
	Maximum Feed Flow:	6 GPM (23 l/m)
	Minimum Ratio of Concentrate to Permeate Flow for any Element:	5:1
	Maximum Pressure Drop for Each Element:	10 psi

* The limitations shown here are for general use. The values may be more conservative for specific projects to ensure the best performance and longest life of the membrane.

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
- 10% Permeate Recovery
- 6.5 - 7.0 pH Range



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	2.4 (61)	0.75 (19.1)	4 (1.8)

Core tube extension = 1.2" (30.5 mm)

Notice: Minimum permeate flow for individual elements 15 percent below listed flow. All membrane elements are supplied with a brine sealings. Elements are vacuum sealed in a polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a cardboard box.

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