

FilmTec™ Fiberglassed Elements for Light Industrial Systems

Description

FilmTec™ brackish water reverse osmosis membrane elements provide consistent system performance in light industrial applications.

- FilmTec™ BW30-4040 is an industry standard for reliable operation and production of high quality water.
- FilmTec™ BW30-2540 Elements are designed for systems smaller than 1 gpm (0.2 m³/h) offering a hard shell exterior for extra strength.

Elements with a hard shell exterior are recommended for systems with multiple-element housings containing three or more membranes, as they are designed to withstand higher pressure drops.

Product Type

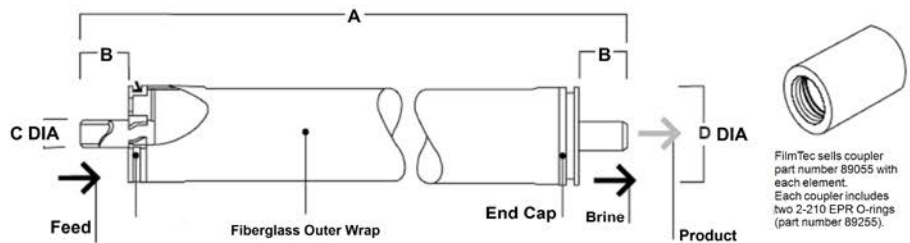
Spiral-wound element with polyamide thin-film composite membrane

Typical Properties

Product	Part Number	Feed Spacer Thickness (mil)	Permeate Flow Rate gpd (m ³ /d)	Stabilized Salt Rejection %
BW30-4040	80783	34	2,400 (9.1)	99.5
BW30-2540	80766	28	1,000 (3.8)	99.5

1. Permeate flow and salt rejection based on the following test conditions: 2,000 ppm NaCl and 225 psig (15.5 bar), pH 8, 77°F (25°C) and 15% recovery.
2. Minimum salt rejection is 98.0%.
3. Permeate flows for individual elements may vary +/-20%.

Element Dimensions



Product	Dimensions – inches (mm)			1 inch = 25.4 mm
	A	B	C	
BW30-4040	40.0 (1,016)	1.05 (26.7)	0.75 (19)	3.9 (99)
BW30-2540	40.0 (1,016)	1.19 (30.2)	0.75 (19)	2.4 (61)

1. Refer to [FilmTec™ Design Guidelines for multiple-element systems of midsize elements](#) (Form No. 45-D01588-en).
2. BW30-2540 Elements fit nominal 2.5-inch I.D. pressure vessel. BW30-4040 Elements fit nominal 4-inch I.D. pressure vessel.