

## 8" Fouling Resistant Spiral Wound Elements

### Description:

Low Pressure, High Productivity:

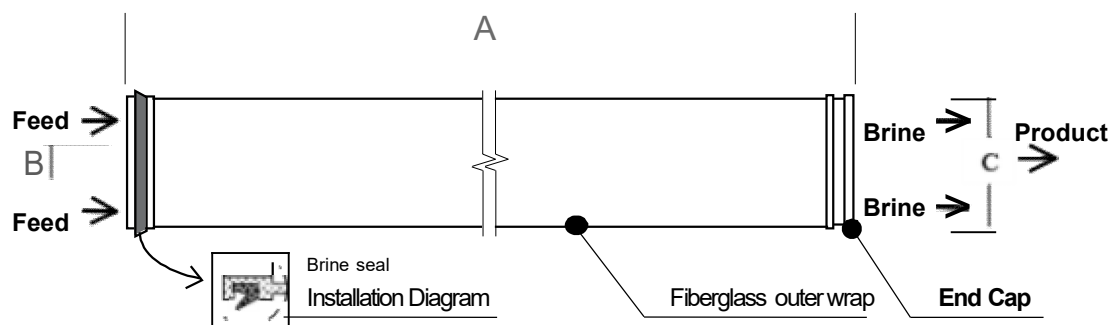
The FR type membrane surface is more hydrophilic due to the special treatment. It is specially designed for water treatment against biological and organic fouling. With build-in FR properties, this model of elements allows for effective cleaning, renewing active membrane surface thus extending the service life in the tough water conditions.

### Specifications:

Model	Permeate Flow GPD(m <sup>3</sup> /day)	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Stabilized Salt Rejection	Minimum Salt Rejection	Feed spacer mil(mm)	Test Conditions
FR-8040-400	10500(40)	400(37)	99.6%	99.4%	28(0.7)	225psi/2000ppm NaCl

1. All performance data are collected at 25°C (77°F), pH7.5 and 15% recovery rate.
2. Permeate flows for single element may vary ±15%.

### Element Dimension:



Product	Dimensions – Inches (mm)		
	A	B	C
FR-8040-400	40.0 (1016)	1.125 (29)	7.9 (201)

\* 1 inch= 25.4 mm

## Operating Limits for Design:

Maximum Operating Temperature .....	45°C(113°F)
Maximum Operating Pressure .....	600psi(41bar)
Maximum Pressure Drop (single element).....	15psi(1.0bar)
pH Range for Continuous Operation .....	2-11
pH Range for Cleaning.....	1.2-12
Chlorine tolerance .....	<0.1ppm
Maximum Feed SDI.....	5

