

4" Fouling Resistant Spiral Wound Elements

Description:

Low Pressure, High Productivity:

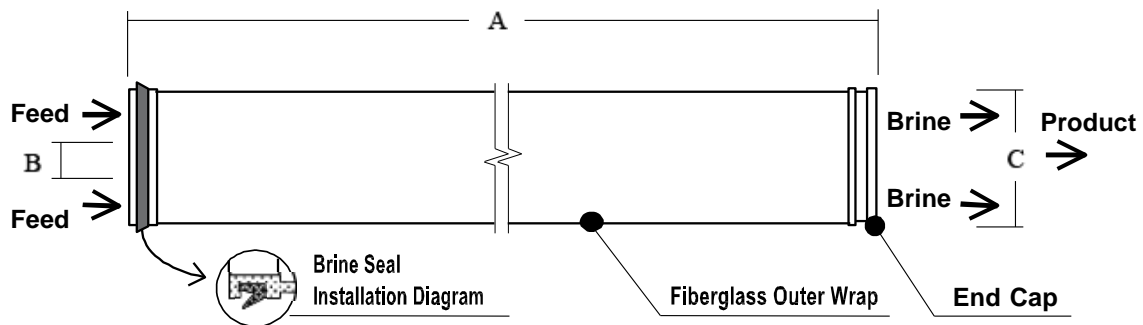
The FR type membrane surface is more hydrophilic due to the special treatment. It is specially designed for water treatment against biological and organic fouling. With build-in FR properties, this model of elements allows for effective cleaning, renewing active membrane surface thus extending the service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

Specifications:

Model	Permeate Flow GPD(m ³ /day)	Active Membrane Area ft ² (m ²)	Stabilized Salt Rejection	Test Conditions
FR-4040	2500(9.5)	78(7.2)	99.4%	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-4040	40.0 (1016)	1.05 (26.7)	3.9 (99)

* 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.....	3-11 ↵
pH Range for Cleaning.....	1.5-12
Chlorine tolerance.....	<0.1ppm ↵

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