

8" Acid-resisting Spiral Wound Nanofiltration Elements

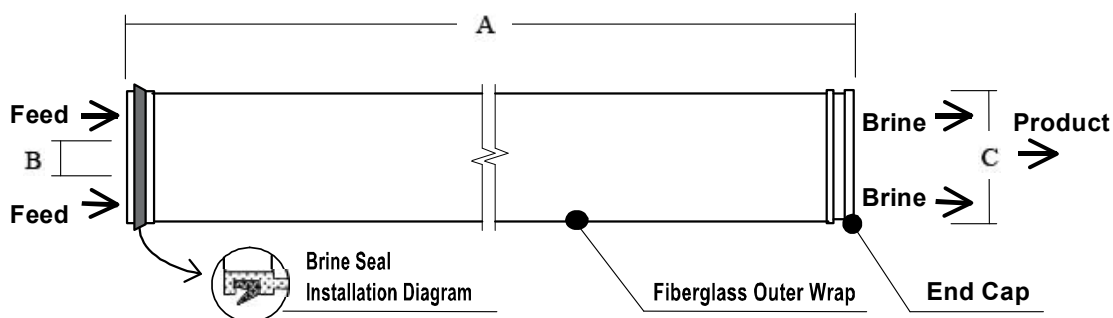
Description: Acid-resisting (pH=0)
Application for lithium extraction and acid recovery

Specifications:

Model	Permeate Flow GPD(m ³ /day)	Active Membrane Area ft ² (m ²)	Stabilized Salt Rejection	Minimum Salt Rejection	Feed spacer mil(mm)	Test Conditions
NF-8040-AR (34)	7000 (26.5)	370 (34)	95%	93%	34 (0.85)	110psi / 2000ppm MgSO ₄

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
NF-8040-AR (34)	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.....	0-11
pH Range for Cleaning.....	0-12
Chlorine tolerance.....	<0.1ppm
Maximum Feed SDI.....	5

