ULTRAMAR WATER

FLEXIBILITY MEETS SUSTAINABILITY

# 8″ Spiral Wound Nanofiltration Elements

## Description:

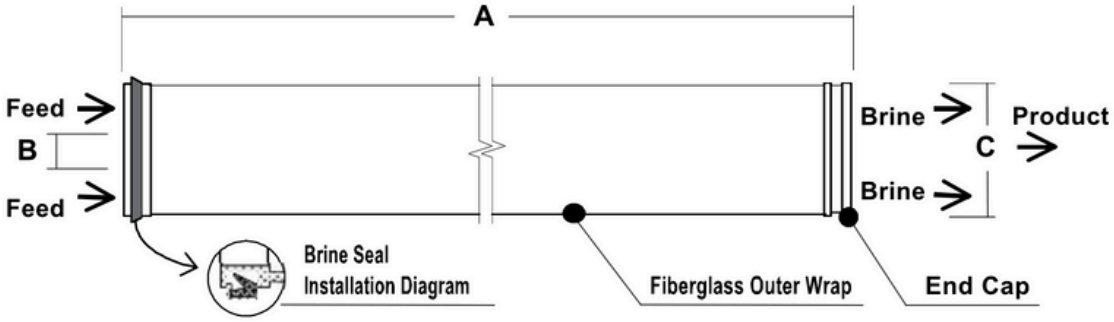
Low Pressure, High Productivity:
Low pressure application for nanofiltration

## Specifications:

| Model | Permeate Flow GPD( m ³ / day) | Active Membrane Area ft²(m²) | Stabilized Salt Rejection | Min im um Salt Rejection | Feed spacer mil(mm) | Test Conditions |
|---|---|---|---|---|---|---|
| NF-8040-400-HF(34) | 7900 (30) | 400(37) | 95% | 93% | 34(0.85) | 30psi/2000ppm MgSO4 |
| | 9500 (36) | | 15~2 0% | 15~2 0% | | 30psi/500ppm NaCl |

1. All performance data are collected at 25℃ (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-8040-400-HF(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 | 3-10 |
| pH Range for Cleaning | 2-11 |
| Chlorine tolerance | <0. 1ppm |
| Maximum Feed SDI | 5 |