

**Description:** 4" Spiral Wound Composite Polyamide Membrane Elements.

| Specifications: | Permeate Flow<br>GPD (m <sup>3</sup> /Day) | Active Membrane<br>Area ft <sup>2</sup> (m <sup>2</sup> ) | Stabilized<br>Salt Rejection | Test Conditions       |
|-----------------|--|---|------------------------------|-----------------------|
|                 | 2400 (9.1)                                 | 85 (7.89)   | 99.6%                        | 225 psi/2000 ppm NaCl |

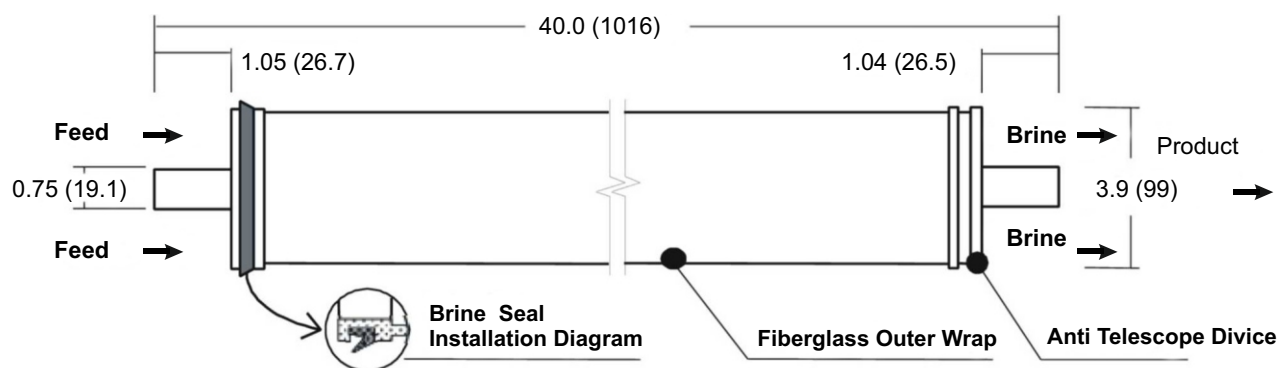
**Notice :** 1. All performance data are collected at 25°C (77°F), pH7.5 and 15% recovery rate.  
2. Permeate flow for individual elements may vary + or - 15%

**Usage :** Membrane are applicable for desalination of surface water, ground water & water with salt concentration ranging from 2000 ppm to 8000 ppm

**Features :** High rejection, High flux with very good anti fouling properties

**Element Dimension:**

\* Unit: Inch (mm). 1 inch = 25.4 mm



**Max. Operating Limits:**

|   |                         |
|---|-------------------------|
| Maximum Operating Temperature .....                                 | 45 °C (113 F).          |
| Maximum Feed Flow .....   | 3.6 M <sup>3</sup> /Hr. |
| Maximum Operating Pressure .....                                    | 600 psi (41 bar).       |
| Maximum Pressure Drop (single element) .....                        | 10 psi (0.7 bar).       |
| pH Range for Continuous Operation .....                             | 2 - 11.                 |
| pH Range for Cleaning .....   | 1 - 13.                 |
| Chlorine tolerance .....  | < 0.1ppm.               |
| Maximum Feed SDI .....  | 5.                      |
| Minimum ratio of concentrate to permeate flow for any element ..... | 5 : 1                   |

The limitations shown in Operating Limits are for general use. The values may be more conservative for specific projects to ensure the best performance and longest life of the membrane.

**Guidelines:** Permeate obtained from first hour of operation should be discarded.  
Avoid static permeate -side back pressure at all times.  
These membranes may be subject to drinking water application restrictions in some countries: please check the application status before use and sale.  
Please contact us/write to us technical details for foulant, cleaning, storage and others) for element loading use only silicon or glycerin to lubricate "O" rings and brine seal.

The customer is fully responsible for the effects of incompatible chemicals on elements. The presence of free chlorine and other oxidizing agents will cause membrane failure, the damaged is not covered under warranty.

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