



PRODUCT SPECIFICATION

2540 TS40 Nanofiltration Element

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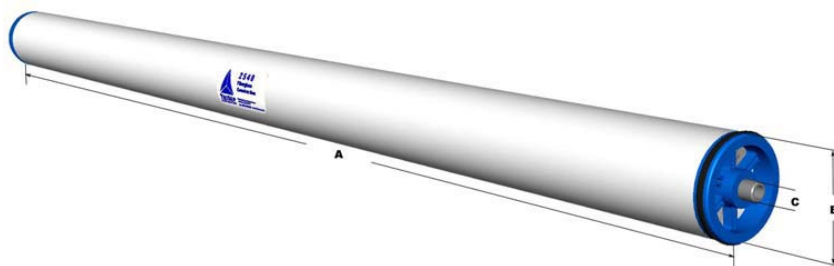
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Model	Average Salt Rejection (%)	Minimum Salt Rejection (%)
2540-TS40-TSF	99.0	98.0

Performance is based on the following test conditions: 2,000 ppm MgSO₄, 110 psi, 77°F (25°C), 15% recovery, pH 8.0, 30 minutes operation.

OPERATIONAL AND DESIGN DATA

Membrane Type	Advanced Polypiperazine Amide Nanofiltration Membrane
Configuration	Spiral Wound, Fiberglass Outer Wrap
Active Membrane Area	26 ft ² (2.4 m ²)
Typical Applied Pressure	200 - 400 psi (14 - 28 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	113°F (45°C)
Feedwater pH Range	3 - 10 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	6 GPM (1.4 m ³ /hr)
Maximum Pressure Drop	15 psi (1.0 bar) per element; 50 psi (3.4 bar) across housing
Maximum Feed SDI (15 minutes)	5.0
Maximum Feed Turbidity	1 NTU



Element Weight: 7 lbs. (3.2 kg)

Length (A): 40.0" (1,016 mm)

Diameter (B): 2.5" (63 mm)

Permeate Tube (C): 0.75" (19.1 mm)

Permeate Tube: FilmTec Style tube

Feed Spacer: 0.031" thick diamond spacer



**Engineered Membrane
SOLUTIONS**

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