



The Specialty Membrane Company

# PRODUCT SPECIFICATION

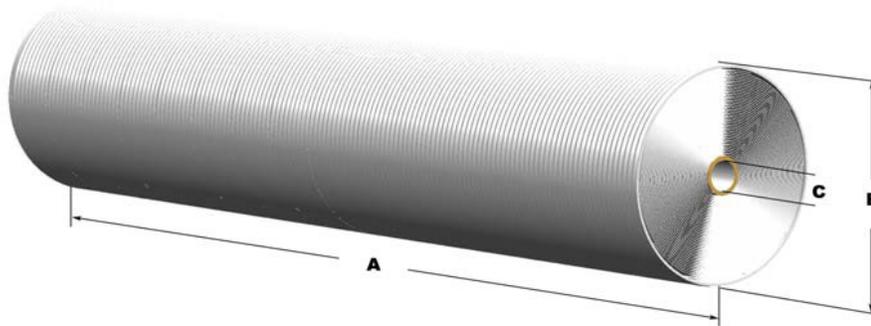
## 8" TS40 NF TurboClean® Sanitary Element

Model	Average Salt Rejection (%)*	Minimum Salt Rejection (%)
<b>TurboClean® NF 8038-TS40-46</b>	99.0	98.0

\* Performance is based on the following test conditions: 2,000 ppm MgSO<sub>4</sub>, 110 psi, 77 °F (25 °C), 15% recovery, pH 8.0, 30 minutes operation.

### OPERATIONAL AND DESIGN DATA

Membrane Type .....	TS40 Polypiperazine Amide Nanofiltration Membrane
Configuration .....	Spiral Wound, Sanitary Element
Active Membrane Area .....	290 ft <sup>2</sup> (27 m <sup>2</sup> )
Typical Applied Pressure .....	200 - 400 psi (14 - 28 bar)
Maximum Applied Pressure .....	600 psi (41 bar)
Maximum Operating Temperature .....	122 °F (50 °C)
Feed pH Range .....	3 - 10 continuous
Chlorine Tolerance .....	<0.1 ppm
Maximum Feed Flow .....	80 GPM (18 m <sup>3</sup> /hr)
Maximum Pressure Drop .....	15 psi (1 bar) per element; 60 psi (4 bar) across housing



Element Weight: 36 lbs. (16 kg)  
 Length (A): 38.0" (965 mm)      Diameter (B): 7.9" (200 mm)      Permeate Tube (C): 1.125" (28.6 mm)  
 Permeate Tube: Polysulfone tube; Interconnect and ATDs not included with element  
 Feed Spacer: 0.046" thick diamond spacer



**Engineered Membrane**  
**SOLUTIONS**

**LENNTECH**

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289