



PRODUCT SPECIFICATION

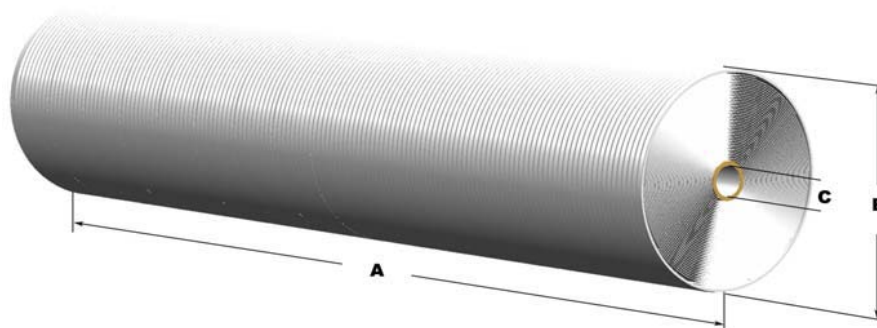
8" TS40 NF TurboClean® Sanitary Element

Model	Average Salt Rejection (%)*	Minimum Salt Rejection (%)
TurboClean® NF 8038-TS40-31	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	TS40 Polypiperazine Amide Nanofiltration Membrane
Configuration	Spiral Wound, Sanitary Element
Active Membrane Area	355 ft ² (32.6 m ²)
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 ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing



Element Weight:	45 lbs. (20 kg)		
Length (A):	38.00" (965 mm)	Diameter (B):	7.9" (200 mm)
Permeate Tube:		Permeate Tube (C):	1.12" (28.6 mm)
Feed Spacer:	0.031" thick diamond spacer		



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info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289