



The Specialty Membrane Company

PRODUCT SPECIFICATION

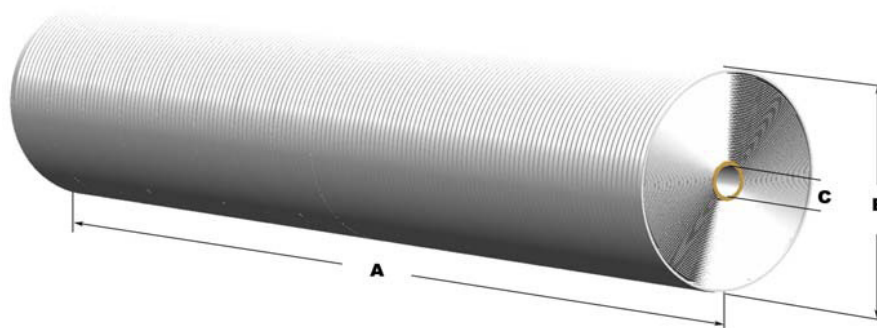
6.3" TS80 Nanofiltration TurboClean® Element

Model	Permeate Flow GPD (m ³ /day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
TurboClean® NF 6338-TS80-31	5,400 (20.4)	99.0	97.0

* 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. Individual element permeate flow may vary +/- 20%.

OPERATIONAL AND DESIGN DATA

Membrane Type	TS80 Aromatic Polyamide Advanced Nanofiltration Membrane
Configuration	Spiral Element Conforming to 3-A / USDA Sanitary Standards
Active Membrane Area	225 ft ² (20.9 m ²)
Typical Applied Pressure	100 - 400 psi (7 - 28 bar)
Maximum Applied Pressure	800 psi (55 bar)
Maximum Operating Temperature	122 °F (50 °C)
Feed pH Range	2 - 10 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	70 GPM (15.8 m ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing



Element Weight:	33 lbs. (15 kg)				
Length (A):	38.00" (965 mm)	Diameter (B):	6.3" (160 mm)	Permeate Tube (C):	1.139" (28.9 mm)
Permeate Tube:	Polysulfone UF Style tube; Interconnect and ATDs not included with element				
Feed Spacer:	0.031" thick diamond spacer				



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