

AXEON

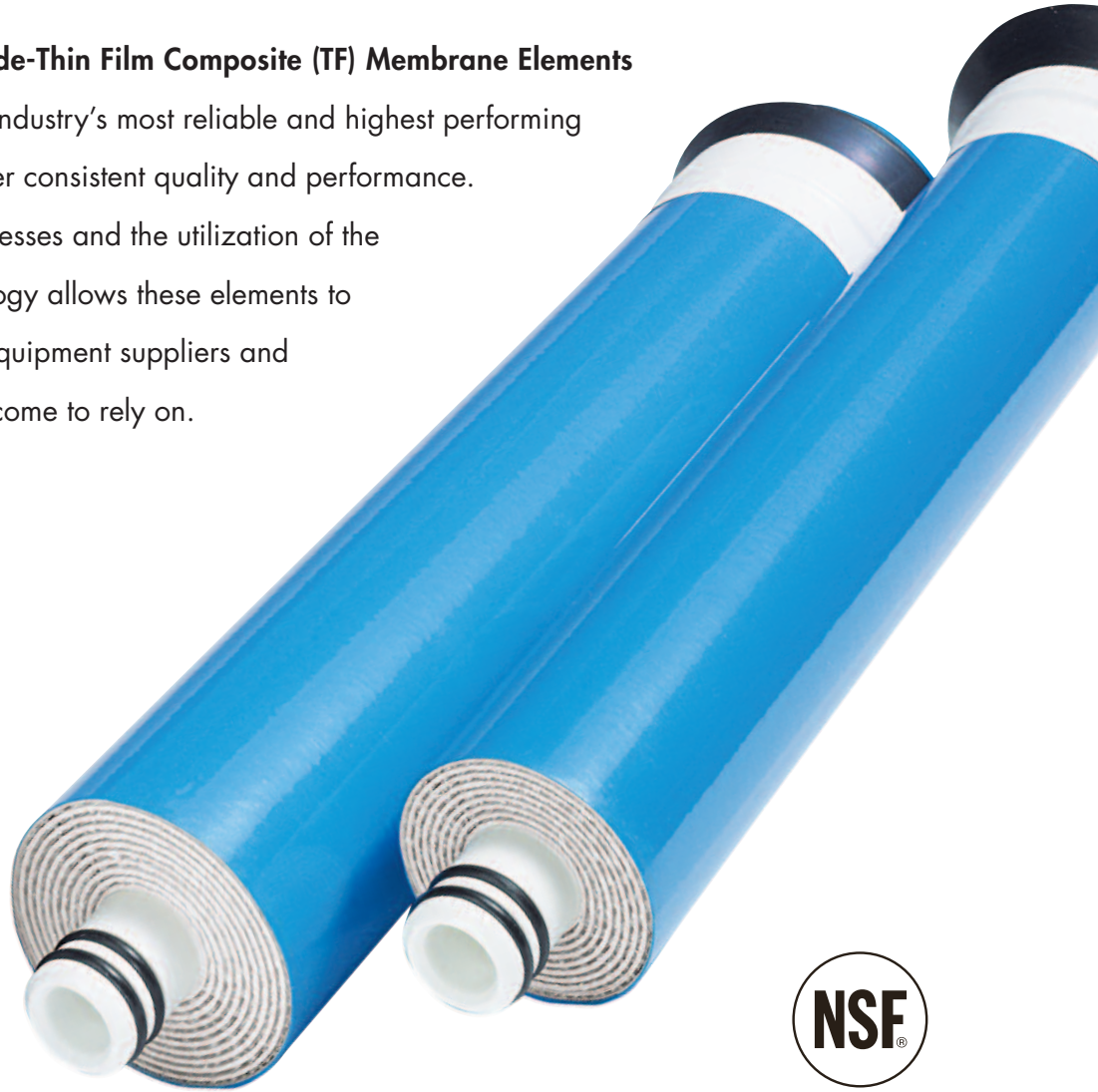


Residential Reverse Osmosis Membrane Elements

AXEON® Residential Polyamide-Thin Film Composite (TF) Membrane Elements

are recognized as one of the industry's most reliable and highest performing membrane elements that deliver consistent quality and performance.

Advanced manufacturing processes and the utilization of the industry's leading film technology allows these elements to deliver consistent results that equipment suppliers and water treatment dealers have come to rely on.



- 98% Nominal Salt Rejection
- Improved System Performance
- Superior Quality and Cost Savings
- Individually Tested and Sanitized
- Made in the U.S.A.



COMPONENT

This Membrane Element is Tested and Certified by NSF International against NSF/ANSI Standard 58 for material requirements only.

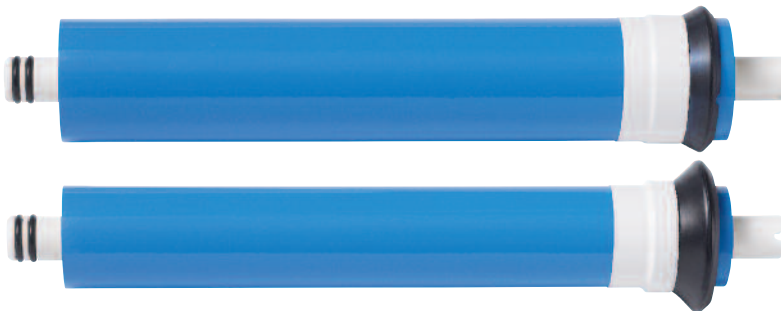
AXEON® residential membranes operate as low as 50 psi and can yield up to 20% more water than competitor's membranes at 65 psi.

AXEON®
WATER TECHNOLOGIES

Engineered Water Treatment Solutions

Residential Reverse Osmosis Membrane Elements

AXEON® Residential Polyamide-Thin Film Composite (TF) Membrane Elements offer reliability, high performance, and deliver consistent results for higher quality water. **AXEON®** membrane elements will accommodate a standard 2" x 12" residential membrane housing and are shipped dry for an extended shelf life and easier handling. Membrane elements may also be ordered as individually wet tested.



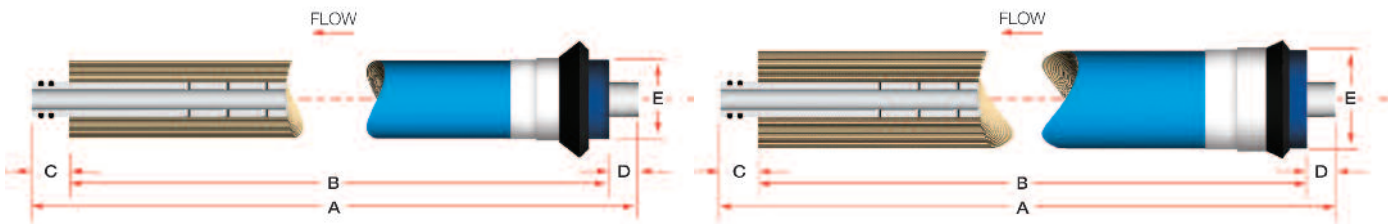
Operating Limits:

■ Maximum Operating Temperature:	113°F (45°C)	■ pH Range, Continuous Operation:	2 – 11
■ Maximum Operating Pressure:	150 psi (10.34 bar)	■ Maximum Feed Water Turbidity:	1 NTU
■ Maximum Feed Flow Rate:	2 gpm (7.57 lpm)	■ Maximum Feed Silt Density Index:	5 SDI
■ Minimum Concentrate Flow Rate:	4 x Permeate	■ Chlorine Tolerance:	0 ppm

Product Specifications:

Part Number	Description	Applied Pressure psi (bar)	Permeate Flow Rate gpd (lph)	Stabilized Salt Rejection (%)	Part Number	Description	Applied Pressure psi (bar)	Permeate Flow Rate gpd (lph)	Stabilized Salt Rejection (%)
200357	TF-1512-25	50 (3.44)	25 (3.94)	98.0	200360	TF-1812-75	50 (3.44)	75 (11.83)	98.0
200358	TF-1812-35	50 (3.44)	35 (5.52)	98.0	200361	TF-1812-100	60 (4.13)	100 (15.77)	98.0
200359	TF-1812-50	50 (3.44)	50 (7.88)	98.0	300362	TF-1812-150	65 (4.48)	150 (23.66)	98.0

Test Parameters: 550 TDS Filtered (5 Micron), De-Chlorinated, Softened City Feed Water, 77 Degrees F, 15% Permeate Recovery, 6.5 - 7.0 pH Range, at the Specified Operating Pressure. Data Taken After 30 Minutes of Operation. Maximum Pressure drop for each element is 10 psi. Minimum salt rejection is 96%. Permeate flow for individual elements may vary +/- 20%.



Dimensions inch (mm):

Description	A	B	C	D	E	Description	A	B	C	D	E
TF-1512-25	11.74 (298.2)	10.00 (254)	.86 (21.84)	.93 (23.62)	1.50 (38.1)	TF-1812-75	11.74 (298.2)	10.00 (254)	.86 (21.84)	.93 (23.62)	1.77 (45.08)
TF-1812-35	11.74 (298.2)	10.00 (254)	.86 (21.84)	.93 (23.62)	1.77 (45.08)	TF-1812-100	11.74 (298.2)	10.00 (254)	.86 (21.84)	.93 (23.62)	1.77 (45.08)
TF-1812-50	11.74 (298.2)	10.00 (254)	.86 (21.84)	.93 (23.62)	1.77 (45.08)	TF-1812-150	11.74 (298.2)	10.00 (254)	.86 (21.84)	.93 (23.62)	1.77 (45.08)

Wet tested membrane elements must be kept sealed and moist when in storage. Drying out may occur and damage the membrane permanently. Prevent elements from freezing or being exposed to direct sunlight. Wet tested elements are vacuum sealed in a polyethylene oxygen barrier bag containing 1.0% sodium meta-bisulfite and then packaged in a cardboard box. Discard the permeate for the first twenty-four hours of operation. The permeate flow (product water flow) varies with feed water temperature. Review a Temperature Correction Chart. For membrane warranty information, please contact manufacturer.

The manufacturer believes the information and data contained herein to be accurate and useful. The information and data are offered in good faith, but without guarantee, as conditions and methods of use of products are beyond the manufacturer's control. The manufacturer assumes no liability for results obtained or damages incurred through the application of the presented information and data. It is the user's responsibility to determine the appropriateness of the products for the user's specific end uses.



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