

AXEON TF Series

Industrial RO Membranes

High-Performance Industrial RO Membrane Elements & Replacements

SECTION 1 — OVERVIEW

The AXEON TF Series is a line of high-performance thin-film composite reverse osmosis membrane elements designed for industrial and commercial water treatment applications. These membranes offer a salt rejection rate of up to 99.5 percent and a permeate flow rate ranging from 2,400 to 11,000 gallons per day, depending on the specific element size and configuration. The TF Series operates at a standard pressure of 225 psi, with a maximum operating pressure of 600 psi, and can tolerate a maximum feed water temperature of 113 degrees Fahrenheit. The series is available in both 4-inch and 8-inch diameter elements, making them compatible with standard industry pressure vessels. As distributed by Purecowater (purecowater.com), these elements serve as a direct drop-in replacement for major OEM membranes, including those from Dow Filmtec, Hydranautics, and Toray. The TF Series is built with a polyamide thin-film composite layer on a polysulfone support, providing excellent chemical stability and resistance to fouling. Each element is individually tested and packaged to ensure consistent performance and reliability in demanding industrial environments.

SECTION 2 — APPLICATIONS

- Industrial water purification for manufacturing processes
- Commercial reverse osmosis systems for businesses and facilities
- Water reuse and recycling applications to reduce waste
- Process water treatment for food, beverage, and pharmaceutical industries
- Boiler feedwater treatment to prevent scale and corrosion
- Replacement membranes for existing RO systems from major OEMs

REQUEST A QUOTE

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Peachtree City, GA

BRANDS WE DISTRIBUTE

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- ErtelAlsop
- LG Membranes
- Fil-trek
- WTS
- Engineered Solutions

**20+ years of industrial filtration
expertise. Contact us for pricing,
sizing & availability.**

Product Specifications

Manufacturer	AXEON Water Technologies
Series	TF Series thin-film composite
Salt Rejection	Up to 99.5% NaCl
Element Size	4-inch and 8-inch standard
Compatibility	Drop-in for major OEM pressure vessels
Application	Industrial RO, commercial systems
Distributor	Purecowater — info@purecowater.com

Contact Purecowater to Order

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Pricing, availability, sizing assistance, and replacement parts. 20+ years industrial filtration experience.

Purecowater is an authorized distributor and OEM for Veolia/SUEZ, Tonkaflo (Pentair), ErtelAlsop, LG Membranes, Fil-trek, WTS, and Engineered Solutions. Specifications subject to change. Contact Purecowater for current pricing and availability.