

Veolia Membrane Elements

RO, NF, UF & MF Series

Industrial Spiral-Wound Membrane Elements for Water Treatment & Separation

SECTION 1 — OVERVIEW

Veolia Water Technologies, formerly SUEZ, manufactures a comprehensive range of spiral-wound membrane elements for reverse osmosis (RO), nanofiltration (NF), ultrafiltration (UF), and microfiltration (MF). These elements are designed for high performance in water purification and separation processes. Key selection factors include salt rejection percentage, typically 99.0% to 99.8% for standard RO elements, and permeate flux at operating pressure, which varies by model and feed water quality. The feed water silt density index (SDI) is critical; an SDI above 5 indicates high fouling potential and requires robust pre-treatment to protect membrane integrity and extend service life. Common Veolia RO elements include the AG series (high rejection, 99.7% NaCl rejection, 365-400 gpd at 225 psi) and the AK series (low energy, 99.2% rejection, 400-450 gpd at 150 psi). The BW30 series (brackish water) offers 99.5% rejection at 225 psi with 400-440 gpd. Purecowater (purecowater.com) distributes these genuine Veolia/SUEZ elements as well as high-quality equivalent and replacement membranes for existing RO systems, ensuring compatibility and performance.

SECTION 2 — APPLICATIONS

- Industrial water treatment for process and boiler feed
- Seawater and brackish water desalination
- High-purity water production for electronics and power generation
- Pharmaceutical and biotechnology water systems
- Food and beverage processing (concentration, purification)
- Wastewater reuse and recycling
- Replacement membranes for existing RO systems from all major manufacturers

REQUEST A QUOTE

Purecowater

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Made Simple.*

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WEBSITE

www.purecowater.com

Peachtree City, GA

BRANDS WE DISTRIBUTE

- Veolia / SUEZ
- Tonkaflo Pumps
- ErtelAlsop
- LG Membranes
- Fil-trek
- WTS
- Engineered Solutions

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

Product Specifications

| | |
|------------------------|--|
| Manufacturer | Veolia / SUEZ |
| Types Available | RO, NF, UF, MF spiral-wound |
| Standard Sizes | 4-inch and 8-inch elements |
| Key Metric | Salt rejection % & permeate flux |
| Feed SDI Limit | < 5 for most RO membranes |
| Replacement | Drop-in equivalents available |
| Distributor | Purecowater — info@purecowater.com |

Contact Purecowater to Order

info@purecowater.com

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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.