

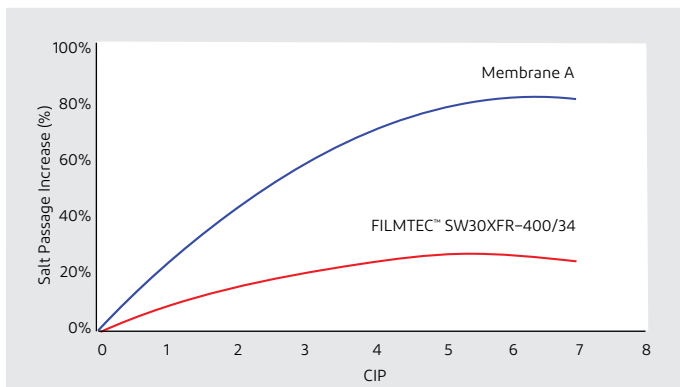
# FilmTec™ SW30XFR-400/34 & SW30XFR-400/34i Seawater Reverse Osmosis Elements



DuPont Water Solutions offers various premium Seawater Reverse Osmosis (RO) Elements designed to improve system uptime and plant reliability which ultimately translate to lower Total Cost of Ownership (TCO). FILMTEC™ Elements combine premium membrane performance with automated precision fabrication, which takes system performance to exceptional levels.

FILMTEC™ SW30XFR-400/34 Elements are designed specifically to handle biofouling in seawater desalination plants. Elements are equipped with advanced fouling-resistant and cleanability features, helping plants reduce the number of chemical cleanings, while maintaining high rejection and low energy.

**Figure 1: Salt Passage Increase versus number of CIP for SW30XFR-400/34 and Membrane A**

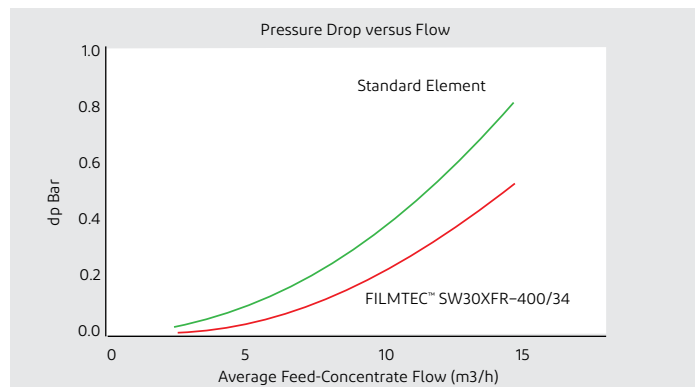


‡ Relative to a leading fouling-resistant product currently available in the market.

Benefits of the FILMTEC™ SW30XFR-400/34 Elements include:

- Fouling-resistant design, reducing the number of chemical cleanings by more than 33%.‡
- Durable membrane chemistry, maintaining stable and high rejection despite repeated chemical cleanings.
- Low element differential pressure, improving system hydraulic balance (Figure 2).
- More effective and efficient cleaning of biofilm, organic compounds and scale, achieved through the widest pH range in cleaning (pH 1 – 13), made possible by the most advanced FILMTEC™ RO membrane sheet available today.

**Figure 2: Element differential pressure versus flowrate for SW30XFR-400/34 and Standard Element**



## FilmTec™ SW30XFR-400/34 & SW30XFR-400/34i Reverse Osmosis List

| Country   | Capacity (m³/d) | Product         | Installation Year |
|-----------|-----------------|-----------------|-------------------|
| China     | 8,000           | SW30XFR-400/34  | 2020              |
| China     | 7,000           | SW30XFR-400/34  | 2020              |
| Cyprus    | 60,000          | SW30XFR-400/34  | 2020              |
| Indonesia | 3,000           | SW30XFR-400/34  | 2020              |
| Singapore | 8,000           | SW30XFR-400/34  | 2020              |
| UAE       | 33,000          | SW30XFR-400/34i | 2020              |
| USA       | 9,000           | SW30XFR-400/34  | 2020              |

FilmTec™ RO and NF technologies are trusted with helping to deliver clean water and liquid streams for people and markets around the world.

For more information visit: <https://www.dupont.com/water.html>

**Have a question?** Contact us at: [dupont.com/water/contact-us](https://www.dupont.com/water/contact-us)



[dupont.com/water](https://www.dupont.com/water)

All information set forth herein is for informational purposes only. This information is general information and may differ from that based on actual conditions. Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries. Please note that physical properties may vary depending on certain conditions and while operating conditions stated in this document are intended to lengthen product lifespan and/or improve product performance, it will ultimately depend on actual circumstances and is in no event a guarantee of achieving any specific results. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. No freedom from infringement of any patent or trademark owned by DuPont or others is to be inferred.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2020 DuPont.

45-D02284-en 0920 CDP