Do you feel as if you’re being “squeezed” both from reduced water availability and increasingly stringent regulations on discharge? The simple answer to reduce your fresh water demand and discharge less is at your fingertips with FILMTEC™ FORTILIFE™ Elements.

Powered by DuPont’s FILMTEC™ technology complete with industry-leading reliability, exceptional cleanability and robust membrane, the FILMTEC™ FORTILIFE™ family offers advantages for plants looking to reduce water costs, lower operating expenses, or move toward minimal liquid discharge (MLD). Helping meet your challenges in wastewater reuse and high water recovery operations especially in the power, chemical and petrochemical, steel and metals, textiles, and municipal wastewater markets.
The FILMTEC™ FORTILIFE™ XC Element Family

The FILMTEC™ FORTILIFE™ XC family is comprised of three products, each with individual features and benefits helping meet your MLD challenges. Used in combination, these products can help you:

<table>
<thead>
<tr>
<th>FILMTEC™ Element</th>
<th>Approximate TDS Treatment Range (ppm)*</th>
<th>Benefits</th>
</tr>
</thead>
</table>
| FORTILIFE™ XC70  | 15,000 – 70,000+                  | - Allow concentrate TDS to reach > 70,000 ppm level, while operating within standard RO limits  
- Fouling resistance  
- Increase productivity  
- Less frequent cleaning, more up-time, longer element life |
| FORTILIFE™ XC80  | 15,000 – 80,000+                  | - Allow concentrate TDS to reach > 80,000 ppm level, while operating within standard RO limits  
- Fouling resistance  
- Reduce discharge with standard RO system designs  
- Less frequent cleaning, more up-time, longer element life |
| FORTILIFE™ XC-N  | 0 – 80,000+                       | - Highly selective membrane with high monovalent ion passage  
- High permeability at low pressures and high TDS levels  
- Purified, high concentration brine solution for reuse  
- Less dissolved solid waste  
- Low energy operation |

Helping businesses treat water better worldwide.

A global leader in technologies for industrial water treatment, DuPont is trusted by companies in virtually every industry from innovative solutions, expert support and unmatched reliability. And we’re continually improving our products, updating designs, and delivering new technologies to meet industry’s evolving water treatment needs.

Key Markets and Common Challenging Water Applications

- **Fossil Power Generation**
  - High-biofouling surface waters  
  - Cooling tower blowdown  
  - Low-temperature water treatment

- **Chemical & Petrochemical**
  - High-biofouling source waters  
  - Cooling tower blowdown  
  - High-fouling process wastewater  
  - Brine concentration  
  - Low-temperature water treatment

- **Steel & Metal**
  - High-biofouling source waters  
  - Cooling tower blowdown  
  - High-fouling process wastewater

- **Textiles**
  - High-biofouling process wastewater  
  - Brine concentration

Have a question? Contact us at: dupont.com/water/contact-us