

# FilmTec™ Fortilife™ XC70 Element

**UPGRADED**



**Brine concentration up to 7% TDS**



**Improved Permeability**



**Robust & stable performance**

As an industrial end-user focused on minimal liquid discharge (MLD/ZLD), we understand the critical importance of having dependable treatment solutions that can handle high total dissolved solids (TDS) in challenging waters. Our upgraded DuPont™ FilmTec™ Fortilife™ XC70 reverse osmosis (RO) element not only allows you to achieve higher water recovery rates but also ensures stable productivity throughout the element's lifespan. Additionally, you can continue to rely on high-quality permeate water suitable for reuse.

## FilmTec™ Fortilife™ XC70 Element

Compared to the legacy version, our upgraded FilmTec™ Fortilife™ XC70 element offers up to 10% higher productivity and more stable operation over the element lifetime, while continuing to provide high quality permeate water suitable for reuse.

Features	Benefits
The ability to achieve reject total dissolved solids (TDS) level >70,000 ppm	Support volume of water reduction in the MLD/ZLD process
Improved permeability and more stable operation, relative to the legacy product offering, while continuing to generate high quality permeate water suitable for reuse	<ul style="list-style-type: none"><li>• Increased water recovery and/or reduced energy consumption and CO<sub>2</sub> emissions</li><li>• Reliable and stable productivity over time</li></ul>
Robust, fouling resistant membrane and module design	Increased uptime with less frequent chemical cleanings
Durable membrane chemistry enabling a wide pH range for operation and cleaning	<ul style="list-style-type: none"><li>• Consistent membrane performance over a wide range of operating conditions (pH 2 – 11)</li><li>• Robust membrane chemistry that can withstand repeated chemical cleanings (pH 1 – 13)</li></ul>

### Enabling Water Independence.

DuPont Water Solutions helps to address wastewater regulatory challenges with our minimal liquid discharge (MLD) solution. MLD has the potential to minimize operating costs of achieving high water recovery while reducing the amount of energy required to operate compared to traditional ZLD processes. With the industry's broadest portfolio of purification and separation technologies, our solutions can provide cost savings, higher recovery, and improved environmental stewardship.

## Have a question?

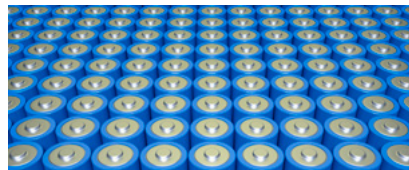
Contact us at: [dupont.com/water/contact-us](https://www.dupont.com/water/contact-us)

## Key Markets and Common Challenging Water Applications

### Chemical & Petrochemical



### Lithium-ion battery industry



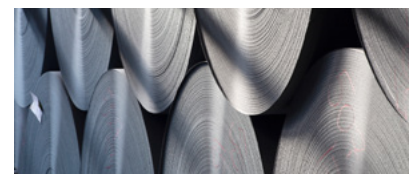
### Steel & Metal



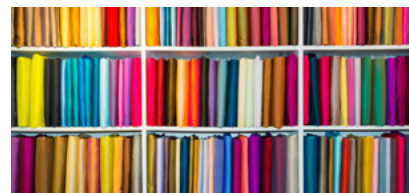
### Power generation



### Pulp & Paper



### Textiles



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