



PRODUCT SPECIFICATION

ZwitterCo Z-Clear™ 4-inch Elements



The Membrane That Unlocks Fats, Oils, Grease, and Protein Separations

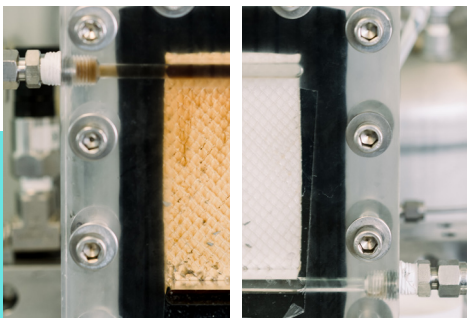
Z-Clear™ membranes show unprecedented fouling resistance and can be fully restored without harsh chemicals, resulting in lower operating costs, fewer membrane replacements, and less downtime.

Product Class: Superfiltration

How We're Different:

- 1,000 mg/L Oil & Grease or more
- Extreme tolerance for chlorine, peracetic acid, and other cleaning chemicals
- Clean in under 1 hour

Specific fluid testing recommended prior to use. Please contact our technical services team to explore unique opportunities for your process.



Reduce wastewater and chemical use in your operations

Contact us to learn more about our solutions or to try our products in your facility.

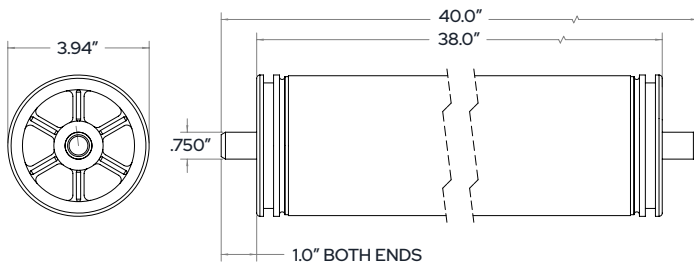
zwitterco.com | (301) 442-5662 | sales@zwitterco.com

ZwitterCo Z-Clear™ 4-inch Elements

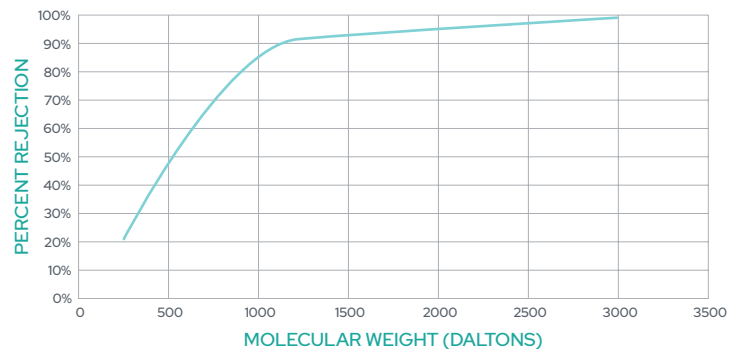
OPERATING SPECIFICATIONS:

| Parameter | Imperial units | SI units |
|---------------------------------|--------------------|-------------------------------|
| Max operating pressure | 220 psi | 15 bar |
| Max pressure drop (per element) | 15 psi | 1 bar |
| Max pressure drop (per housing) | 60 psi | 4 bar |
| Active area | 64 ft ² | 6 m ² |
| Permeate flow | 0.2 - 0.8 GPM | 0.05 - 0.2 m ³ /hr |
| Feed flow rate | 10 - 30 GPM | 2.3 - 6.8 m ³ /hr |
| Operating temperature | 40 - 105 °F | 5 - 40 °C |
| Operating pH | 2 - 12 | |

Z-CLEAR™ ELEMENT DIMENSIONS



Z-CLEAR™ REJECTION CURVE



Excellent rejection of organics larger than 1 nanometer (~1,000 daltons) with minimal rejection of salts

ZwitterCo is an industrial membrane provider enabling next-generation resource recapture and water treatment solutions.

ZwitterCo
85 Bolton Street
Cambridge, MA 02140
(301) 442-5662

Contact Us
zwitterco.com
sales@zwitterco.com