COMMERCIAL AND INDUSTRIAL RO MEMBRANES

Reverse osmosis membrane elements by SpiroPure provide a variety of options for commercial and industrial RO applications. Our replacement RO membranes come in extremely low pressure (XL), ultra low pressure (UL), energy saving (ES), brackish water (BW), fouling resistant (FR), and seawater desalination (SW) options.

- 0.0001-micron filtration for up to 99.7% reduction of TDS
- Universal sizing available in 2521, 2540, 4021, 4040, and 8040 options
- Food-grade seals that will not deform and provide leak protection
- Fouling-resistant membranes offer high surface hydrophilicity and high capacity
- Seawater desalination elements built for high-sodium applications and superior NaCl rejection

FILTER DETAILS CHART

Size	Model Number	Rejection Rate	Flow Rate GPD (Gallons per Day)	Feedwater NaCL	Recovery Rate	Feed Spacer	Maximum NaCl	Maximum Pressure	Package Dimensions	Package Weight
2.5" x 21"	SP-XL2521	98.5%	300 GPD @ 100 psi	500 ppm	8%	28 mil	< 2,000 ppm	600 psi	22 3/4" x 3" x 3"	1 lbs 12 oz
	SP-BW2521	99.5%	300 GPD @ 225 psi	2,000 ppm	8%	28 mil	< 10,000 ppm	600 psi	22 3/4" x 3" x 3"	1 lbs 12 oz
	SP-SW2521	99.5%	270 GPD @ 800 psi	32,000 ppm	4%	28 mil	< 40,000 ppm	1,000 psi	22 3/4" x 2 3/4" x 2 3/4"	2 lbs 3 oz
2.5" x 40"	SP-BW2540	99.5%	300 GPD @ 225 psi	2,000 ppm	8%	28 mil	< 10,000 ppm	600 psi	41 1/2" x 3" x 3"	3 lbs 3 oz
	SP-SW2540	99.6%	600 GPD @ 800 psi	32,000 ppm	8%	28 mil	< 40,000 ppm	1,200 psi	41 1/2" x 3" x 3"	4 lbs 3 oz
4" x 21"	SP-XL4021	98.5%	950 GPD @ 100 psi	500 ppm	8%	28 mil	< 2,000 ppm	600 psi	23 x 4 1/2" x 4 1/2"	3 lbs 15 oz
4" x 40"	SP-XL4040	98.5%	2,400 GPD @ 100 psi	500 ppm	15%	28 mil	< 2,000 ppm	600 psi	43" x 4 1/2" x 4 1/2"	7 lbs 7 oz
	SP-UL4040	99.4%	2,400 GPD @ 150 psi	1,500 ppm	15%	28 mil	< 5,000 ppm	600 psi	43" x 4 1/2" x 4 1/2"	7 lbs 7 oz
	SP-BW4040	99.5%	2,400 GPD @ 225 psi	2,000 ppm	15%	28 mil	< 10,000 ppm	600 psi	43" x 4 1/2" x 4 1/2"	7 lbs 7 oz
	SP-FR4040	99.5%	2,400 GPD @ 225 psi	2,000 ppm	15%	34 mil	< 10,000 ppm	600 psi	43" x 4 1/2" x 4 1/2"	7 lbs 7 oz
	SP-SW4040	99.7%	1,700 GPD @ 800 psi	32,000 ppm	8%	28 mil	< 40,000 ppm	1,200 psi	42 3/4" x 4 1/2" x 4 1/2"	9 lbs 12 oz
8" x 40"	SP-XL8040	98.5%	10,500 GPD @ 100 psi	500 ppm	15%	28 mil	< 2,000 ppm	600 psi	41 3/4" x 8 1/2" x 8 1/2"	28 lbs 4 oz
	SP-UL8040	99.4%	10,500 GPD @ 150 psi	1,500 ppm	15%	28 mil	< 5,000 ppm	600 psi	41 3/4" x 8 1/2" x 8 1/2"	28 lbs 4 oz
	SP-ES8040	99.5%	10,500 GPD @ 150 psi	1,500 ppm	15%	34 mil	< 5,000 ppm	600 psi	41 3/4" x 8 1/2" x 8 1/2"	27 lbs 2 oz
	SP-BW8040	99.5%	10,500 GPD @ 225 psi	2,000 ppm	15%	28 mil	< 10,000 ppm	600 psi	41 3/4" x 8 1/2" x 8 1/2"	27 lbs 2 oz
	SP-FR8040	15%	10,500 GPD @ 225 psi	2,000 ppm	15%	34 mil	< 10,000 ppm	600 psi	41 3/4" x 8 1/2" x 8 1/2"	27 lbs 2 oz
	SP-SW8040	99.7%	9,000 GPD @ 800 psi	32,000 ppm	8%	28 mil	< 40,000 ppm	1,200 psi	42" x 8 1/2" x 8 1/4"	35 lbs 5 oz

All performance data is derived from manufacturer laboratory test conditions using standard NaCl solution concentrations with fixed operational pressures and water temperatures. Information and data provided is deemed accurate and reliable but offered without guarantee of performance. Maximum NaCL is a manufacturer recommendation. Real-world performance based on actual conditions. SpiroPure accepts no liability for results or damages. Customer must verify product suitability and ensure compliance with system design and applicable laws. SpiroPure reserves the right to update this information to maintain quality and accuracy.

2256 S 1250 W, Woods Cross, UT 84087

Copyright © 2026 SpiroPure. All Rights Reserved.
www.spiropure.com