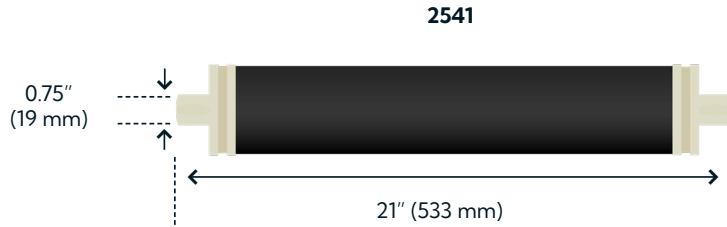
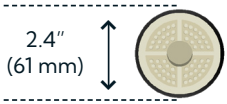


2.5" Reverse Osmosis Membrane Element



Operating Specification

Stabilised Salt Rejection Rate - %	PRO:	< 98.5	Recommended Recovery - %	< 50	
	SRO:	< 99		Typical Recovery - %	15 - 25
	HRO:	< 99.5			
Salt Rejection Rate - %	PRO:	< 97	Active Area - ft ² (M ²)	2521: 13 (1.2)	
	SRO:	< 98		2540: 27 (2.5)	
	HRO:	< 99	Single Element Pressure Drop - %	< 10	
Permeate Flow Rate - gpd (lpm)	2521:	< 300 (< 0.8)	Free Chlorine Tolerance - ppm	< 0.1	
	2540:	< 800 (< 2.1)	PH Range	3 - 10	
Feed Flow Rate - gdp (lpm)		2,300 - 8,000 (6-21)	PH Range (Chemical Cleaning)	2 - 12	
Operating Temperature - °C (°F)		4 - 45 (39 - 113)	Feed Silt Density Index - SDI	< 5	
Optimum Temperature - °C (°F)		<25 (<77)	Feed Water Turbidity - NTU	< 1	
Operating Pressure - psi (bar)		75 - 600 (5.2 - 41.3)	Feed Water Quality - mg/l	PRO: < 1,000	
Optimum Pressure - psi (bar)	PRO:	< 100 (< 6.9)		SRO: < 1,500	
	SRO:	< 150 (< 10.3)		HRO: < 2,000	
	HRO:	< 225 (< 15.5)	Recommended Shelf Life - Year	< 2	



Materials of Construction

Permeate Tube	ABS
Feed Channel Spacer	Polypropylene
Membrane	Polyamide Thin-Film Composite
Outer Wrap	Fibreglass
Brine Seal	Buna-N
Interconnector	ABS
Interconnector O-Rings	Buna-N



Configurations

Length - "	21 / 40
Width - "	2 (nominal)