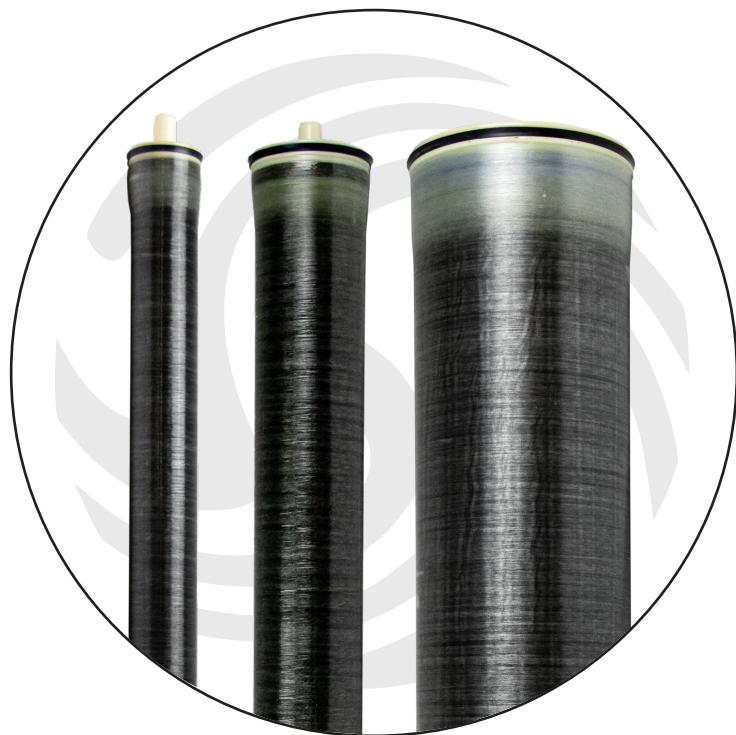


HIGH REJECTION

For applications that demand higher permeate quality, the SRO range has been manufactured to deliver consistent permeate quality from higher concentration feed water sources up to 10,000 mg/l. Operating at 15.5 bar and with an average rejection rate of 99.5%, the SRO range is perfectly suited to industrial processes, such as boiler feed and microelectronics.



FEATURES & BENEFITS



- For applications that demand higher permeate quality
- Manufactured to deliver consistent permeate quality from higher concentration feed water sources up to 10,000 mg/l
- Operating at 15.5 bar
- Average rejection rate of 99.5%
- Perfectly suited to industrial processes, such as boiler feed and microelectronics

MATERIALS OF CONSTRUCTION



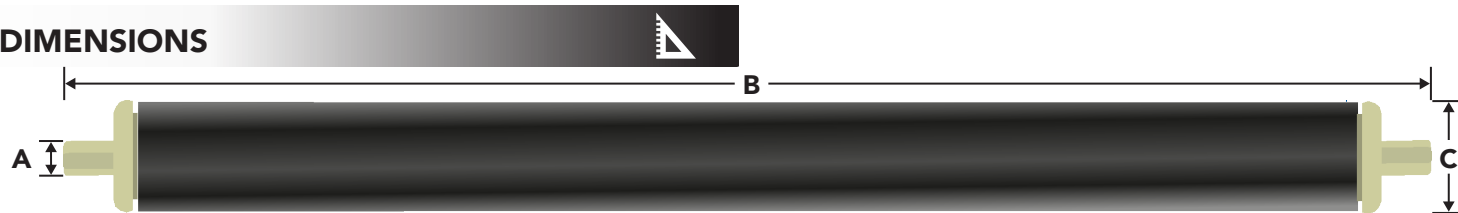
Permeate Tube:	ABS
Feed Channel Spacer:	Polypropylene
Membrane:	Polyamide Thin-Film Composite
Permeate Collection	
Material:	Polyethylene Terephthalate (PET)
Anti-Telescoping	
Device (ATD):	ABS
Outer Wrap:	Fibreglass
Brine Seal:	Buna-N
Interconnector:	ABS
Interconnector	
O-rings:	Buna-N

TECHNICAL DATA



Maximum Operating Temperature (°C)		4 - 45
Maximum Operating Pressure (bar)		41
Minimum Operating Pressure (bar)		10
Maximum Feed Flow Rate (lpm)	2.5"	22
	4"	60
	8"	280
Minimum Feed Flow Rate (lpm)	2.5"	6
	4"	15
	8"	85
Maximum Recommended Recovery (%)		35
pH Range, Continuous Operation		3 - 10
pH Range, Short Term Cleaning		2 - 12
Maximum Feed Silt Density Index		5.5 SDI
Chlorine Tolerance (Total Exposure 2000 mg/l - hours) (mg/l)		<0.1
Maximum Feedwater Turbidity		<1 NTU
Maximum Feedwater Quality (TDS)		<10,000 mg/l
Recommended Shelf Life		2 years

DIMENSIONS



Product	Dimensions (")			Active Area ft ² (m ²)
	A	B	C	
SRO-2521	0.75	21	2.4	14 (1.3)
SRO-2540	0.75	40	2.4	30 (2.8)
SRO-4021	0.75	21	3.9	36 (3.3)
SRO-4040	0.75	40	3.9	90 (8.3)
SRO-8040	1.125	40	7.95	365 (33.9)
SRO-8040-HF	1.125	40	7.95	400 (37.2)

PERFORMANCE



FLOW RATE



Code	LPH (m ³ /day)	Operating Pressure bar (psi)		Avg Rejection %
SRO-2521	47 (1.1)	@	15.5 (225)	99.5
SRO-2540	118 (2.8)	@	15.5 (225)	99.5
SRO-4021	173 (4.2)	@	15.5 (225)	99.5
SRO-4040	379 (9.1)	@	15.5 (225)	99.5
SRO-8040	1514 (36.3)	@	15.5 (225)	99.5
SRO-8040-HF	1656 (39.7)	@	15.5 (225)	99.5

Testing Criteria:

Permeate flow and rejection based on feedwater of 2000ppm NaCl, 15% recovery (2540, 4040, 8040); 8% recovery (2521, 4021) and 25°C at the specified applied pressure.

Minimum salt rejection 98%

Permeate flows for individual membranes may vary ±20%

ORDERING GUIDE



Code	Length (")
SRO	2521, 2540, 4021, 4040, 8040, 8040-HF

e.g. SRO-2521

PRODUCT RANGE



The below products have often been associated with this product.

