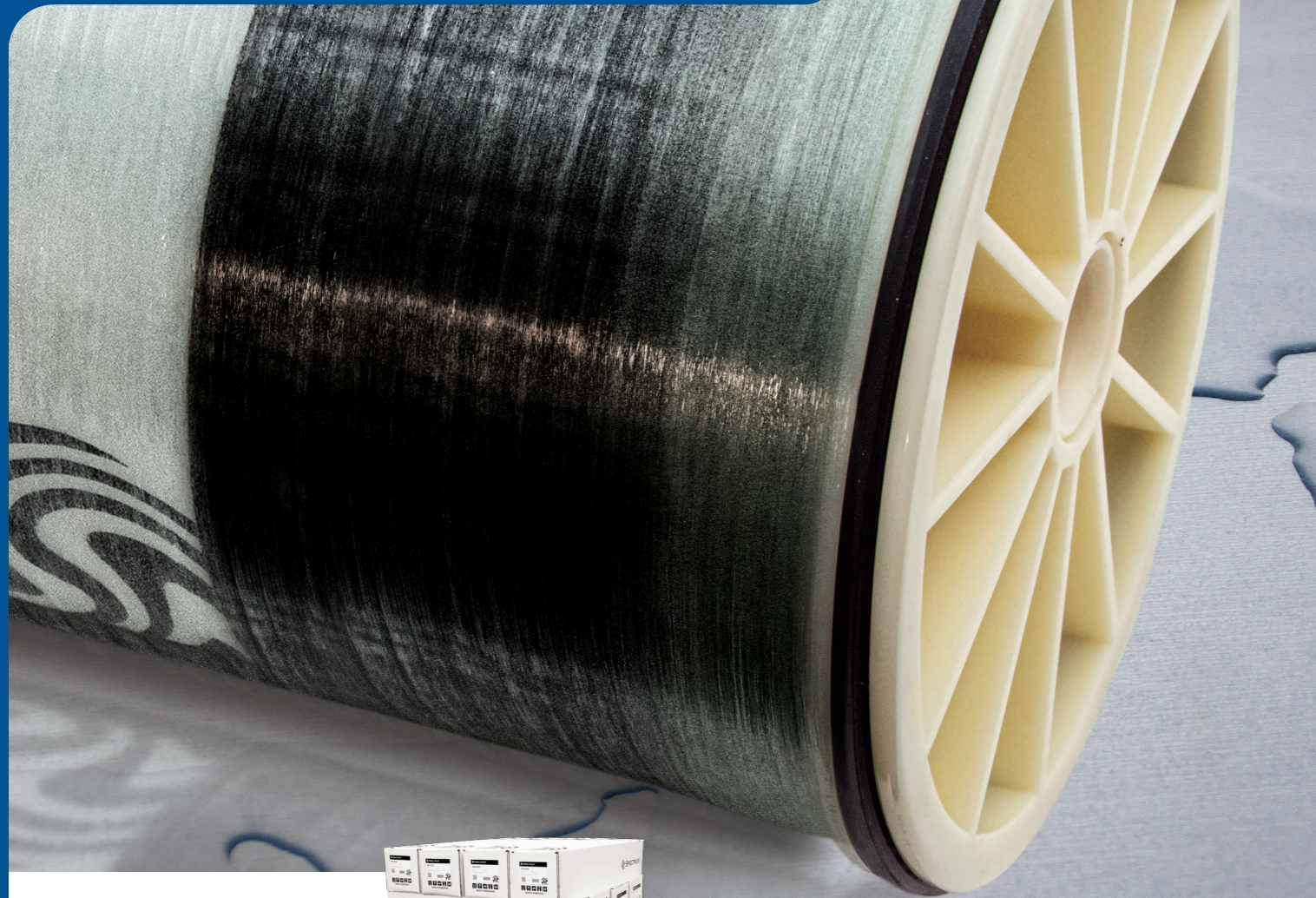


# Premium Choice for Industrial RO



## Packaging

Strengthened packaging to secure the element's integrity when shipping individually or palletised around the world



Large Scale Industrial Applications

## 8" Membranes

### Reduced Fouling, Longer Life

Boasting all the same advances as the 4" elements, including extended shelf life, dramatically reduced rinse-up time, higher flow rate at lower energy consumption and a neutral surface charge media for reduced fouling, hence longer life. Also, importantly for 8" systems, the batch testing controls of the media and finished product with serial coding are quality assurances to ensure a consistent product is delivered every time. All elements are supplied with interconnectors.

## Specification

Maximum Operating Temperature	4 - 45°C
Maximum Operating Pressure	41 bar
Minimum Operating Pressure	- ERO 6 bar - SRO 10 bar - PRO 5.5 bar
Maximum Feed Flow Rate	280 LPM
Minimum Feed Flow Rate	85 LPM
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)	- ERO <2,000 mg/l - SRO <10,000 mg/l - PRO <1,000 mg/l
Recommended Shelf Life	2 Years

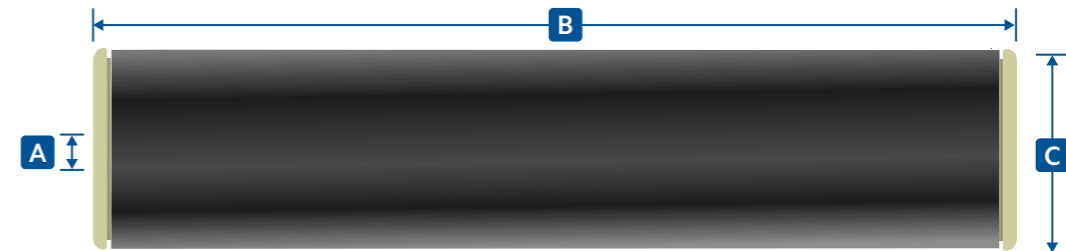
## Materials of Construction

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

## Configurations

Diameter (")	Length (")
8.0 (nominal)	4.0 (nominal)

## Dimensions



Product	Dimensions (")			Active Area ft² (m²)
	A	B	C	
ERO-8040-HF	1.125	40	7.95	400 (37.2)
ERO-8040-HF-440	1.125	40	7.95	440 (40.9)
SRO-8040-HF	1.125	40	7.95	400 (37.2)
SRO-8040-HF-440	1.125	40	7.95	440 (40.9)
PRO-8040-HF	1.125	40	7.95	400 (37.2)
PRO-8040-HF-440	1.125	40	7.95	440 (40.8)

## Part Number

## Flow Rate

Product Code	LPH (m³/day)	Operating Pressure bar (psi)	Avg Rejection %
ERO-8040-HF	1609 (38.9)	@ 10.3 (150)	99.2
ERO-8040-HF-440	1892 (45.4)	@ 10.3 (150)	99.2
SRO-8040-HF	1514 (36.3)	@ 15.5 (225)	99.7
SRO-8040-HF-440	2000 (48)	@ 15.5 (225)	99.7
PRO-8040-HF	1891 (45.4)	@ 6.9 (100)	99.2
PRO-8040-HF-440	2079 (49.9)	@ 6.9 (100)	99.2