

## STRO Membrane Element

Features: Spiral High Pressure, High Rejection, Open Spacer.

Applications: Landfill Leachate & Other High TSS Water.

### STRO Membrane Element Specification

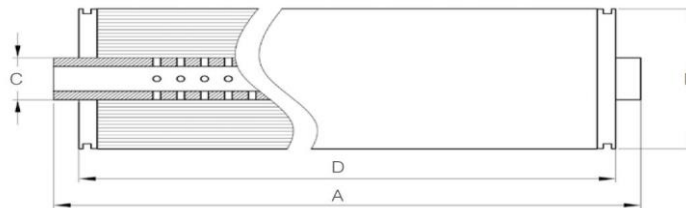
Model	SG-STRO1-8035	SG-STRO4-8035	SG-STRO5-8035	STNF2-8035
Membrane Sheet Type	RO1	RO4	RO5	NF2
Membrane Material	Polyamide			
Effective Membrane Area	25m <sup>2</sup> (269ft <sup>2</sup> )			
Construction *	Spiral Wound Element with GRP Outerwrap, Brine Seal			
Feed Flow Rate Range	5.5-12m <sup>3</sup> /h			
Permeate Flow Rate	24m <sup>3</sup> /d	9.5m <sup>3</sup> /d	16m <sup>3</sup> /d	22m <sup>3</sup> /d
Nominal Rejection **	98.5%	99.6%	99.5%	98.0%
Minimum Rejection	97.5%	99.0%	99.0%	96.0%
Feed Spacer	Special open type			
Element Dry Weight	18kgs			
Max. Element Pressure Drop	0.7bar			
Max. Operation Pressure	90bar			
Max. Operation Temperature	40°C			
pH continuous	3-11			
pH CIP	2-12			
Chlorine Tolerance	≤0.1ppm			

\*Brine seal to be installed in flow direction on the low pressure side/element outlet side.

\*\* Performance specifications shown are nominal values. Individual module permeate flow rate may vary based on inlet water condition. RO1 test condition: 2,000mg/l NaCl solution at 15.5bar applied pressure, 15% recovery, 25°C, pH=8; RO4 test condition: 32,000mg/l NaCl solution at 55.2bar applied pressure, 15% recovery, 25°C, pH=8.

Please note flow rate for different water condition may vary.

### STRO Membrane Element Dimensions



Model	SG-STRO-8035
Element Total Length ("A")	890mm
Element Diameter ("B")	200mm
Permeate Tube Outer Diameter ("C")	60.2mm
Element Total Length ("D")	838mm

### STRO Membrane Module Dimensions

