

STRO Membrane Element

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

Applications: Landfill Leachate & Other High TSS Water.

STRO Membrane Element Specification

Model	STRO1-8042	STRO4-8042	STRO5-8042	STNF2-8042
Membrane Sheet Type	RO1	RO4	RO5	NF2
Membrane Material	Polyamide			
Effective Membrane Area	27m ² (290.52ft ²)			
Construction *	Spiral Wound Element with GRP Outerwrap, Brine Seal			
Applications	High TSS water			
Feed Flow Rate Range	5.5-12m ³ /h			
Permeate Flow Rate	30m ³ /d	13m ³ /d	18m ³ /d	25m ³ /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	20kgs			
Max. Element Pressure Drop	0.7bar			
Max. Operation Pressure	75bar			
Max. Operation Temperature	40°C			
pH continuous	3-11			
pH CIP	2-12			
Chlorine Tolerance	≤0.1ppm			

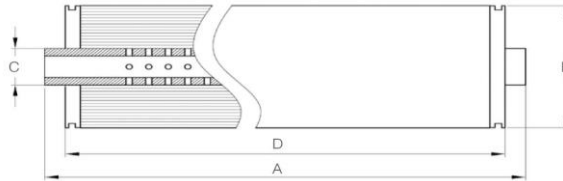
*Brine seal to be installed in flow direction on the low pressure side/element outlet side.

** 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-8042
Element Total Length ("A")	1070mm
Element Diameter ("B")	200mm
Permeate Tube Outer Diameter ("C")	60.2mm
Element Total Length ("D")	1016mm

STRO Membrane Module Dimensions

