

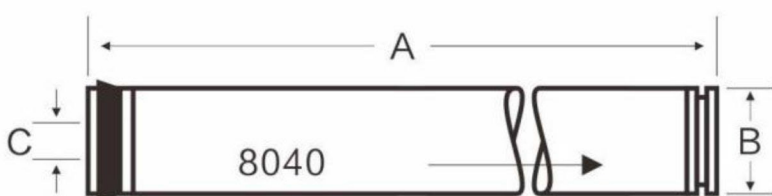
Industrial Membrane Elements

Osmotech masters core technologies of reverse osmosis membrane, and is equipped with Automatic membrane rolling systems. With outstanding capacity in process control and Strong R&D strength, we guarantee the excellent performance of basic membrane elements.

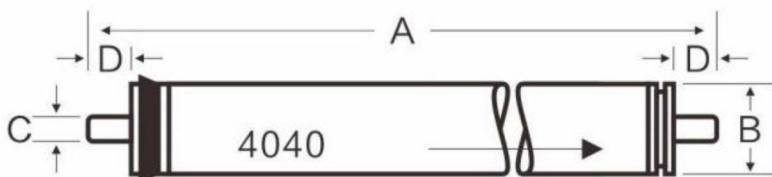
Osmotech industrial membranes are developed by our R&D department. They are widely applied in treatment for municipal water, highly polluted surface water, water reuse and other areas. It has superior over all performance, such as high salt removal rate, high flow rate, stable technical performance. It is also not easy to be blocked in long term-use.

Membrane Elements Parameter sheet

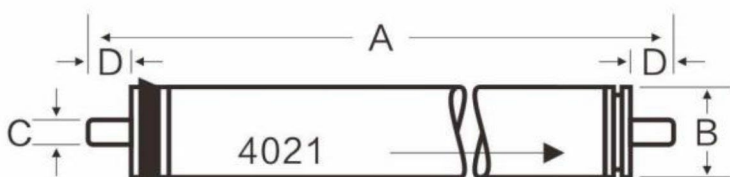
Type	Model	Stabilized Salt Rejection (%)	Average Permeate Flow(GPD)	Working Pressures & Application Fields	Testing Condition		
					Pressure Psi (Mpa)	Solution Concentr. NaCl (ppm)	Recovery RATE (%)
Industrial Brackish Water RO Membrane Series	BW-8040	99.3	10000	Working Under Ultra Low Pressure. Applicable to feedwater with family low salinity	150(1.03)	1500	15
	BW-4040	99.3	2500				
	BW-4021	99.3	1000				
Industrial Low Pressure Ro Membrane Series	LP-8040	98.5	10000	Working Under Ultra Low Pressure. Applicable to feedwater with family low salinity	150(0.76)	1500	15
	LP-4040	98.5	2500				
	LP-4021	98.5	1000				
Nano Filtration Membrane Series	NF-8040	40-70	10500	Working Under Ultra Lowpressure. Applicable to direct drinking and separation and purification equipment after treatment	100(0.69)	2000	15
	NF-4040	40-70	2500				
	NF-4021	40-70	1000				



A=1016.0mm(40") B=201.9mm(7.95") C=28.6mm(1.125")



A=1016.0mm(40") B=99.7mm(3.9") C=19.1mm(0.75") D=26.7mm(1.05")



A=533.4mm(21") B=99.7mm(3.9") C=19.1mm(0.75") D=26.7mm(1.05")

Testing Conditions:

Testing Pressure	150psi (1.03MPa)
Temperature of Testing Solution	25c
Concentration of Testing Solution	1500ppm
pH value of Testing Solution	7.5
Recovery Rate	15%

Operation Limits and Conditions:

Max. Working Pressure	600psi (4.1MPa)
Max. Feedwater Flow	75gpm (8040) 16gpm (4040/4021)
Max. Feedwater Temperature	45C
Max. Feedwater SDI	5
Max. Pressure Decline	15psi(0.1MPa)
Residual Chlorine	<0.1ppm
pH Range of Feedwater	3.0-10.0