

FG - SpiraCore® - PENF Membrane Series

- Membrane material : Special Polymer
- MWCO : 1000D
- Outer wrap : FRP
- Application : Treatment of landfill leachate, commercial washing wastewater and pharmaceutical wastewater
- Spacer : 46mil
- Feature : Smooth surface; anti-fouling

Product	Feed Flux LMH (GFD)	Solute Rejection /MgSO ₄	Solute rejection /NaCl
NF4040	54.7 (32.2)	80%	10%
NF8040	55.5 (32.6)	80%	10%

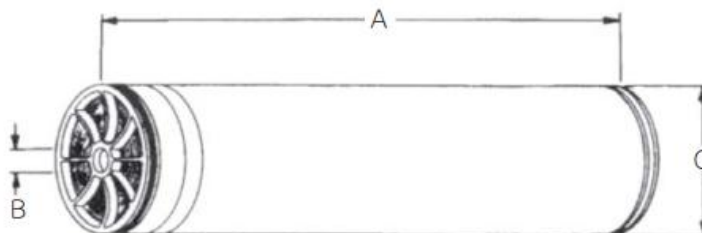
Test conditions: 1) 2000mg/L MgSO₄, 110PSI (0.76Mpa), 25°C, pH8, 15% recovery.
2) 500mg/L NaCl, 110PSI (0.76Mpa), 25°C, pH8, 15% recovery.
Variation of Single element water yield within the range of +25%.

Product Specifications

Model	Spacer (mil)	Membrane area ft ² (m ²)	Outer wrap
4040	46	75 (7.0)	FRP
8040	46	275 (25.3)	FRP

Operating And Design Information

Typical Operating Pressure	Maximum Operating pressure	Max. Temperature	Allowable pH	Chlorine Tolerance	Max. Pressure Drop
3-8 bar	41 bar	< 45°C	3-11	<0.1 ppm	<15PSI



Element Specifications

Model	Nominal Dimensions		
	A	B	C
NF4040-80M-46	40in (1016mm)	0.75in (19.05mm)	3.9in (99mm)
NF8040-80M-46	40in (1016mm)	1.125in (28.6mm)	7.9in (200.1mm)