FFM2521NL

Performance Characteristics

●FFM Inc series nanofiltration membrane can reduce the hardness by more than 98%, and has excellent performance in water softening.

●FFM Inc series nanofiltration membrane is mainly used for municipal tap water, ground water and surface water with low to medium salt content to reduce hardness and remove THMFP.

PRODUCT SPECIFICATIONS	Membrane Area ft2 (m^2)	Test pressure psi （bar）	Water yield gpd （m3/d）	Desalination rate MgSO4（NaCL）%
	14（1.3）	75 （5）	400 （1.5）	96 （30-50）

1.Test conditions: 1000ppm NaCl solution and 2000ppm MgSO4 solution; water temperature: 25 ℃; recovery rate: 8%;

2. The water yield of a single membrane element may vary within a range of + / - 20%.

3. After product renewal, the performance parameters of membrane components may change.

OPERATION PARAMETERS

Maximum operating temperature:	113 ℉（45℃）
Maximum operating pressure:	600 psi (41 bar)
Maximum pressure drop:	15 psi (1.0 bar)
PH range, continuous operation:	2-11
PH range, short term cleaning (30 minutes):	1-13
Maximum feed water SDI15:	5
Allowable free chlorine content:	＜0.1ppm

For special applications, please contact FFM Inc

Important Information

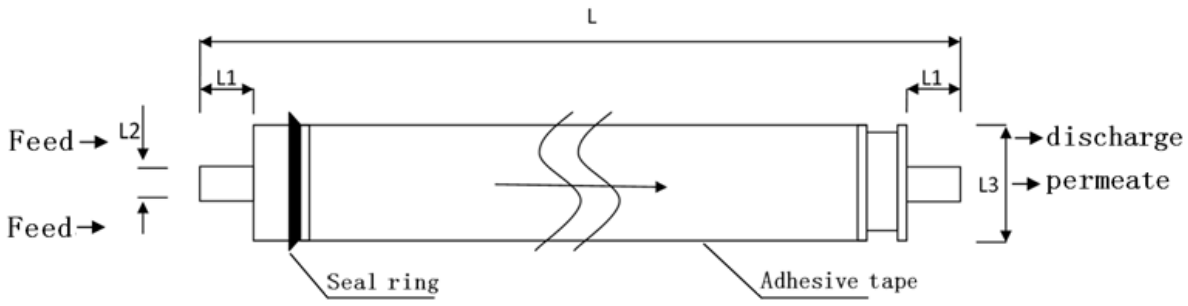
1. Before the installation of membrane components, the system and pipelines shall be completely cleaned to ensure that there is no mechanical impurity causing damage to the membrane.

2. Before the operation of the system, it shall be ensured that the pre-treatment is completed.

3. During the start-up, shutdown, cleaning and other processes of the system, the water inflow shall be slow, from low pressure to high pressure, from low flow to large flow, so as to avoid the impact damage to membrane components caused by the instantaneous rise of pressure and flow.

4. The membrane element should always be kept wet once water enters.

5. Back pressure on the water producing side should be avoided at all times.



inch（mm）: L=21（533） L1=1.12(28.5) L2=0.75(19.1) L3=2.4(61)