



FFM-N2540GBS-500

FFM Organic Solvent-Tolerant Nanofiltration Membranes precise separation for pharmaceutical API purification, natural aroma extraction, and organic solvent recovery. Features with 500+ cycles in methanol/ethyl acetate, >95% solute retention, zero extractables, and stable flux-ensuring regulatory compliance and operational economics in organic solvent systems.

Performance Parameters

Membrane Material:	Special Composite Materials
Structure:	Sanitary Spiral-Wound Mesh Design
Effective Retention Accuracy:	500 Dalton
Permeate Tube:	Stainless Steel
Standard Permeate Flow(31 mil):	700 gpd (2.65 m ³ /d)
Standard Permeate Flow(46 mil):	620 gpd (2.34 m ³ /d)
*Single-element water outlet tolerance: ±20% (standard conditions).	

Product Specifications



Dimensions-inches(mm)		
L	L1	L2
40.0(1016)	0.75(19.0)	2.4(61.0)

Active Membrane Area-ft ² (m ²)	
31 mil	46 mil
18.3(1.7)	16.1(1.5)

Operation Parameters

Maximum Operating Temperature:	146 °F (60 °C)
Maximum Ceb Temperature:	146 °F (60 °C)
Maximum Operating Pressure:	1015 psi (7.0 Mpa)
pH Range,Continuous Operation:	2.0-12.0(25°C)
pH Range, Ceb:	1.0-13.0(25°C)
Design Pressure Drop per Membrane Element:	7.3 psi (0.05 Mpa)

*For specialized applications or customized solutions, please contact FFM Inc. directly.