FFM-U8040GBS-10K

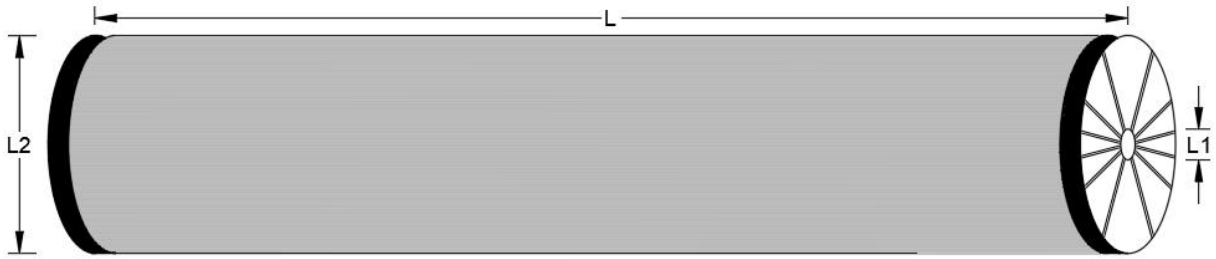
FFM Organic Solvent-Resistant Ultrafiltration Membranes designed for organic solvent processing in pharmaceutical API recovery, natural flavor extraction, and chemical recycling. Features with 500+ cycles in acetone/methanol, >98% solvent recovery, zero extractables, and consistent flux performance-ensuring regulatory compliance and cost efficiency in non-aqueous systems.

Performance Parameters

Membrane Material:	Special Composite Materials
Structure:	Sanitary Spiral-Wound Mesh Design
Effective Retention Accuracy:	10000 Dalton
Permeate Tube:	Stainless Steel
Standard Permeate Flow(31 mil):	18500 gpd (70.0 m^3/d)
Standard Permeate Flow(46 mil):	14500 gpd (55.0 m^3/d)

*Single-element water outlet tolerance: ±20% (standard conditions).

Product Specifications



Dimensions-inches(mm)		
L	L1	L2
40.0(1016)	1.1(28.5)	7.9(200.0)

Active Membrane Area-ft^2(m^2)	
31 mil	46 mil
312.2(29.0)	247.6(23.0)

Operation Parameters

Maximum Operating Temperature:	122 °F (50 °C)
Maximum Ceb Temperature:	122 °F (50 °C)
Maximum Operating Pressure:	580psi (4.0 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.