

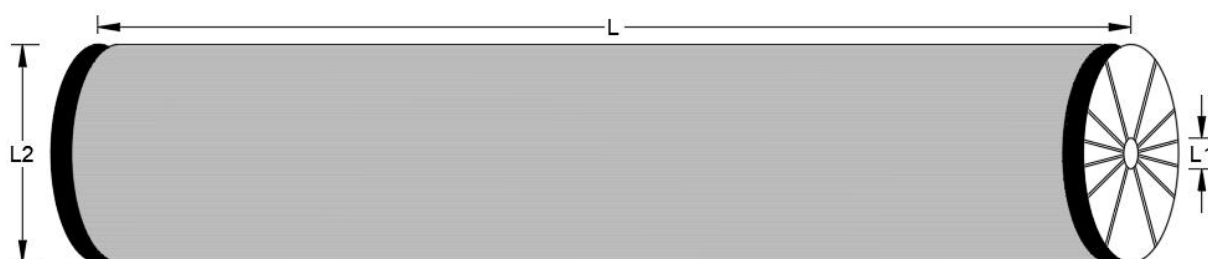
## FFM-U8038-10K

FFM Ultrafiltration Membranes designed for precise molecular separation in dairy processing (whey protein fractionation, casein purification) and beverage clarification, our tailored solutions feature multiple feed channels, exceptional chemical/temperature tolerance, high flux stability, and superior fouling resistance-ensuring efficient, sustainable performance in demanding bioprocessing applications.

### Performance Parameters

Membrane Material:	PES
Structure:	Sanitary Spiral-Wound Mesh Design
Effective Retention Accuracy:	10000 Dalton
Flow Channel Range:	31/46/62 mil
Mesh Support:	Fixed and Adjustable

### Product Specifications



Dimensions-inches(mm)		
L	L1	L2
38.0(965)	1.1(28.9)	7.9(201)

Active Membrane Area-ft <sup>2</sup> (m <sup>2</sup> )			
31 mil	46 mil	62 mil	80 mil
370(34.3)	276(25.6)	215(20.0)	/

### Operation Parameters

Recommended Operating Temperature:	41-131°F (5-55°C)
Maximum Operating Pressure:	140 psi (0.97Mpa)
Recommended Operating Pressure:	30-120 psi (0.21-0.83 Mpa)
Cleaning Operating Temperature:	104-122°F (40-50°C)
pH Range,Continuous Operation:	2.0-10.0(25°C)
pH Range, Ceb:	1.8-11.0(25°C)
Design Pressure Drop per Membrane Element:	
Flow Channel 31 mil:	12-15psi (0.08-0.1 Mpa)
Flow Channel 46 mil:	15-20psi (0.1-0.14 Mpa)
Other Channels:	15-25psi (0.1-0.17 Mpa)

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