



Product Data Sheet-Liquid Separation Membrane

Core Filtration, Clear Solutions

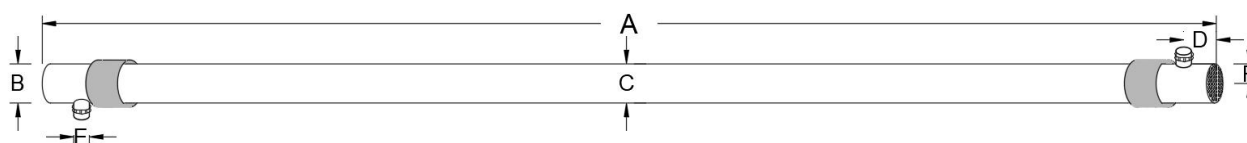
FFM-TUF-70

FFM's tubular membrane series including 5mm/8mm/12mm diameters, the items designed with PVDF/PES inner membranes and backed by reinforced outer layers. Integrated membrane tubes form a compact filtration module where raw feed under pressure yields permeate through the membrane, exiting via the permeate port. Designed with universal interfaces and tool-free quick-connect fittings for effortless installation/maintenance, the solution delivers full-size coverage for diverse applications plus custom engineering support.

Performance Parameters

Membrane Material:	PVDF/PES
Housing Material:	PVC Or Stainless Steel
Connection Method:	Stainless Steel Clamp
Active Membrane Area:	68.9ft ² (6.4m ²)
Number Of Membrane Elements:	85
Membrane Tube Diameter:	8mm(5/8/12mm Etc)

Product Specifications



Dimensions-inches(mm)					
A	B	C	D	E	F
118.1(3000)	4.5(114.3)	4.2(107)	3.2(80)	1¼(DN32)	3.9(98)

Operation Parameters

Index	Series	Membrane Material	MWCO/Pore Size	Pure Water Flux	Salt Rejection Rate (%)		Operating Pressure	Maximum Operating Temperature	pH Range	Chlorine Tolerance
Unit	/	/	Dalton/μm	LMH	MgSO ₄	NaCl	Kpa	°C	/	PPM•h
Parameter	MF	PVDF	0.1	1200	/		50-600	75	2-11	250000
			0.2	1500						
			0.45	2000						
	UF	PVDF	100000	1000			50-600	75	2-11	250000
		PES	50000	400						
			30000	210						
			10000	80						
			6000	60						
	NF	PA/PVDF Composite	200-1000	80	80	10	300-1000	75	3-10	/
				75	95	20				
				65	98	30				

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