



Meet Your Filtration Needs Is Our Goal.

## SS-UE003-8038

UF Membrane for Pharmaceutical, Biological, Food and Dairy Applications

### PRODUCT DESCRIPTION

<b>Membrane Chemistry:</b>	Proprietary semi-permeable polyethersulfone (PES)
<b>Membrane MWCO:</b>	3,500 Daltons
<b>Construction:</b>	Sanitary spiral wound element with net outer wrap Feed spacer: F=31 mil, G=46 mil, H=65 mil, I=80 mil
<b>Options:</b>	Outer wrap: N= Control Bypass without Tail T= Control Bypass with Tail

### SPECIFICATIONS

Model	Active Membrane Area			
	FN/T Spacer (31mil)	GN/T Spacer (46mil)	HN/T Spacer (65mil)	IN/T Spacer (80mil)
	ft <sup>2</sup> (m <sup>2</sup> )	ft <sup>2</sup> (m <sup>2</sup> )	ft <sup>2</sup> (m <sup>2</sup> )	ft <sup>2</sup> (m <sup>2</sup> )
SS-UE003-8038	370 (34.3)	270 (25.0)	210 (19.5)	189 (17.5)

Specialty feed spacer is available.

### OPERATION SPECIFICATIONS

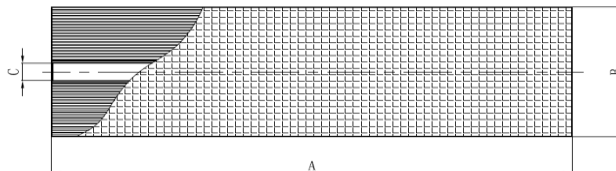
<b>Typical Operation Pressure:</b>	30-120 psi (2.1-8.3 bar)
<b>Maximum Operation Pressure:</b>	140 psi (9.7 bar)
<b>Operating Temperature Range:</b>	41-122°F (5-50°C)
<b>Cleaning Temperature Range:</b>	105-122°F (40-50°C)
<b>pH-Continuous Operation @25°C</b>	2.0-10.0
<b>pH-CIP @25°C</b>	1.8-11.0

Contact us for specific applications.

### DESIGN PARAMETERS

<b>Feed:</b>	F spacer: 95-108 gpm
	G spacer: 120-134 gpm
	H spacer: 142-158 gpm
	I spacer: 165-183 gpm
<b>Design Pressure Drop Per Element:</b>	F spacer: 12-15 psi (0.8-1.0bar)
	G spacer: 15-20 psi (1.0-1.4bar)
	H & I spacer: 15-25 psi (1.0-1.7bar)

### DIMENSIONS



Model	A	B	C
	inches (mm)	inches (mm)	inches (mm)
SS-UE003-8038	38.0 (965)	7.9 (201)	1.138 (28.9)

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