

Sanitary UF 5K & 10K MWCO pH & Temp. Resistant

High flux, high protein rejection 5000 & 10000 Dalton polyethersulfone ultrafiltration membrane elements designed specifically for whey protein concentration and CIP at very high pH and temperature.

PES membranes with enhanced membrane chemistry are always constructed with polypropylene-backing substrate for maximum chemical-resistance and longevity in service. Spiral elements are manufactured on robot-based automatic rolling machines resulting in superior glue-line strength and greater structural reliability.

All Sanitary UF products are USDA-accepted. Components conform to FDA regulation CFR Titel 21 and "3A Sanitary Standards for Crossflow Membrane Modules, Number 45-01, Section C". EU Certification possible

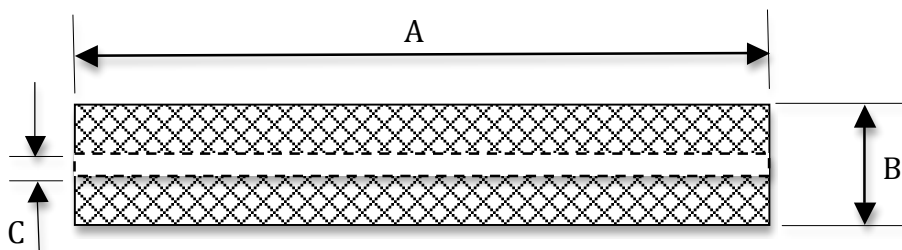
Product & Guidelines:

Sizes	Feed Spacer inches (cm)	Area ft ² (m ²)	Dimensions, inches (cm)			Feed Flow, GPM (m ³ /hr)	Max. Pressure Drop per Element, psi (bar)
			A	B	C		
3838-30	0.030 (0.076)	80 (7.4)	38.0 (96.5)	3.78 (9.6)	0.83 (2.11)	30 (6.8)	15 (1.0)
3838-46	0.046 (0.117)	60 (5.6)	38.0 (96.5)	3.78 (9.6)	0.83 (2.11)	30 (6.8)	15 (1.0)
6338-30	0.030 (0.076)	200 (19)	38.0 (96.5)	6.36 (16.2)	1.138 (2.89)	70 (15.8)	15 (1.0)
6338-46	0.046 (0.117)	150 (14)	38.0 (96.5)	6.36 (16.2)	1.138 (2.89)	70 (15.8)	15 (1.0)
6338-65	0.065 (0.165)	120 (11)	38.0 (96.5)	6.36 (16.2)	1.138 (2.89)	70 (15.8)	15 (1.0)
8038-30	0.030 (0.076)	360 (33)	38.0 (96.5)	7.9 (20.1)	1.125 (2.86)	80 (18.2)	13 (0.9)
8038-46	0.046 (0.117)	280 (26)	38.0 (96.5)	7.9 (20.1)	1.125 (2.86)	80 (18.2)	13 (0.9)
8038-65	0.065 (0.165)	215 (20)	38.0 (96.5)	7.9 (20.1)	1.125 (2.86)	80 (18.2)	13 (0.9)

Special sizes possible. Please contact us

Type	Configuration: Membrane Polymer:	Sanitary (Full-Fit) Spiral Wound Polypropylene-backed Polyethersulfone
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Application Data	Maximum Applied Pressure:	10 bar
	Maximum Operating Temperature:	70 °C
	Operating pH Range:	2.0 – 10.0
	Maximum Chlorine Concentration:	200 ppm
	Cleaning pH Range:	10.5 < pH 11.5 @ 60 °C max.
	Maximum Cleaning Temperature @ max pH & Press:	1.8 – 13.0
	Maximum Pressure Drop for a vessel:	pH 12.5 @ 70°C & 3 bar max.
		4 bar



Notice: Elements are enclosed in a sealed polyethylene bag containing less than 1.0% sodium meta-bisulfite solution and then packaged in a reinforced cardboard box.

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