

# FFM-U3838-2K

sanitary ultrafiltration membrane

<b>PRODUCT</b>	Membrane Chemistry:	Patent polyethersulfone (PES)
<b>DESCRIPTION</b>	Nominal retention accuracy:	2,000 Dalton
	structure:	Roll type sanitary belt grid
	Choice scope: Diameter:	2.5 ", 4" and 8 "; inlet passage: (31mil), (46mil), (62mil), (80mil)

## Specification

Parameter	Effective membrane area					
	(31mil)	(46mil)	(62mil)	(80mil)	(100mil)	(135mil)
	ft2 (m2)	ft2 (m2)	ft2 (m2)	ft2 (m2)	ft2 (m2)	ft2 (m2)
	72 (6.7)	60 (5.5)	47 (4.3)	--	--	--

Not all combinations are covered. Our company can customize special specifications of membrane components for users.

## OPERATION PARAMETERS

Recommended operating pressure:	140-360 psi (10.0-25.0bar)
Maximum operating pressure:	435psi (30.0bar)
Operating temperature range:	41-131° F (5-55°C)
Cleaning temperature range:	104-122° F (40-50°C)
PH range of continuous operation:	2.0-10.0 (25°C)
PH range of online cleaning:	1.8-11.0 (25°C)

Design pressure drop of single membrane element:

Runner 31mil: 12-15 psi (0.8-1.0 bar)

Runner 46mil: 15-20 psi (1.0-1.4 bar)

Other Runner: 15-25 psi (1.0-1.7 bar)

