

# FFM-U8040G-50K

ultrafiltration membrane

<b>PRODUCT</b>	Membrane Chemistry:	Patent polyethersulfone (PES)
<b>DESCRIPTION</b>	Nominal retention accuracy:	50,000 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)
	370 (34.3)	276 (25.6)	215 (20.0)	189 (17.5)	--	--

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

## OPERATION PARAMETERS

Recommended operating pressure:	30-120 psi (2.1-8.3bar)
Maximum operating pressure:	140psi (9.7bar)
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)

