

# FFM-U4040GBA-5K

Acid-resisting UF

PRODUCT	Membrane Chemistry:	Special composite membrane
DESCRIPTION	Nominal retention accuracy:	5,000 Dalton
	structure:	Roll type sanitary belt grid / FRP
	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)
	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> )	ft <sup>2</sup> (m <sup>2</sup> )	ft <sup>2</sup> (m <sup>2</sup> )
	90 (8.3)	75 (6.9)	53 (4.9)	45 (4.2)	--	--

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:	0.0-12.0 (25°C)
On line cleaning pH range:	0.0-12.0 (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)

