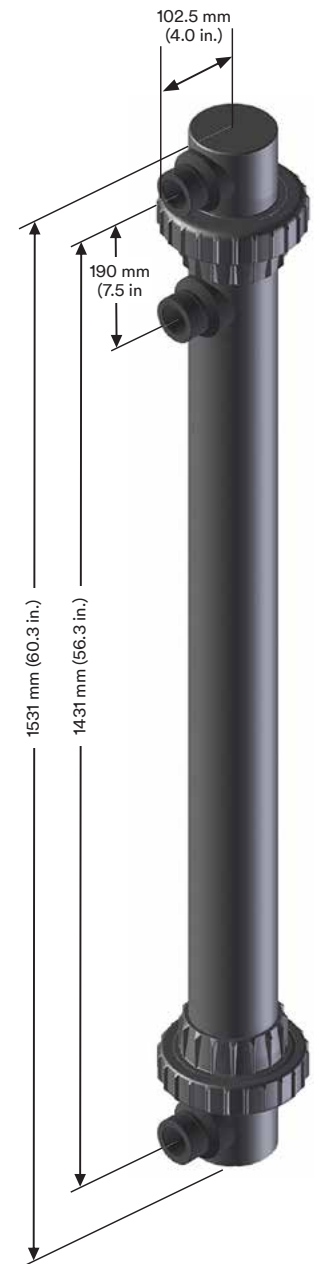




# 3M™ Liqui-Flux™ Membrane Module UF-PES Series, Type W05-08N

## Typical Properties

Applications	
Intended Use	Ultrafiltration
Membrane Characteristics	
Membrane Type	Hollow fiber, inside - out
Membrane Material	Polyethersulfone
Outer/Inner Diameter	1.2 mm / 0.8 mm
Burst Pressure	≥1200 kPa (174 psi)
Membrane Configuration	Multifiber P.E.T. Technology
Housing Characteristics	
Housing Material	PVC
Potting Material	Polyurethane
Sealing End Caps	EPDM
Connectors	Victaulic® 60.3 mm
Weight, Dry	9 kg (20 lbs)
Weight Filled with Liquid	18 kg (40 lbs)
Effective Membrane Surface Area	8.7 m² (94 ft²)
Maximum Working Pressure	600 kPa (87 psi) @ 20°C (68°F)
Maximum Working Temperature	40°C (104°F) @ 150 kPa (22 psi)
Typical Application / Operating Data	
Operating Mode	Dead-End / Cross-Flow
Typical Flux Range, Filtration	50 - 150 l/m²*h (29 - 88 gal/ft²*day)
Typical Flux, Backwash	250 l/m²*h (147 gal/ft²*day) (-10% / +20%)
Filtrate Flow Rate Range	0.4 - 1.3 m³/h (1.9 - 5.7 gpm)
Typical Transmembrane Pressure, Filtration	10 - 70 kPa (1.5 - 10 psi)
Typical Transmembrane Pressure, Backwash	50 - 200 kPa (7 - 30 psi)
Maximum Transmembrane Pressure, Filtration	250 kPa (36 psi)
Typical Cleaning Chemicals	NaOH, HCl, NaOCl
pH-range During Cleaning	1 - 13
Maximum Instantaneous Free Chlorine Concentration	200 ppm @ pH ≥9.5
Maximum Free Chlorine Exposure	200000 ppm h @ pH ≥9.5



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**Separation and Purification  
Sciences Division**  
13840 South Lakes Drive  
Charlotte, North Carolina  
28273 USA  
Phone: +1 980 859 5400  
Fax: +1 704 587 8610

**3M Deutschland GmbH  
Separation and Purification  
Sciences Division**  
Öhder Straße 28  
42289 Wuppertal Germany  
Phone: +49 202 6099 - 0  
Fax: +49 202 6099 - 241

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