



Memflow MF PES 8060

MEMFILL TECH PRIVATE LIMITED

MEMFILL - Company background we are expert in membrane technologies and manufacturing Composite hollow fiber membranes for water, wastewater and water reuse applications covering various Industries.

Our extensive R&D activities have resulted in indigenously producing a range of high quality and durable Hollow fiber membranes. Further, we offer our innovative process know-how, tailor-made turnkey solutions to markedly reducing the operating expense.

Memfill's Micro-Filtration (MF), PES Hollow fiber membrane has developed for high TSS and Turbidity removal from various industries. Our proprietary hydrophilized Poly(ether-Sulfone) (PES) membranes are extremely durable and strength .Nominal pore size is 0.1 μm offers equivalent permeate.

Microfiltration (MF) membranes have a retention defining microporous outer skin and a more open inner layer for increased filtration with higher recoveries.



Hollow Fibers. Smarter Solutions.

Product Name: Memflow MF-PES-8060

Features

- 0.2µm pore size guarantees stable permeate
- Modified hydrophilic PES membrane with easy wetting performance
- High tolerance to varying influent water qualities
- Reduced pre-treatment requirements due to outside-in flow
- High chemical resistance
- Energy saving due to low operating pressure

Applications

- Textile waste water
- Pre-treatment system
- Municipal wastewater treatment
- Industrial wastewater treatment
- Wastewater recycle Surface and groundwater treatment

Specification

Module Type	Memflow MF-PES-8060
Membrane Material	PES
Surface Area (Outer Surface)	60 m ²
Nominal Pore Size	0.2 Micron
Filtration Mode	Out-to-in
Max Inlet Pressure	300 Kpa or 3 bar
Max Transmembrane Pressure	150 Kpa or 1.5 bar
Temperature Range	5-45 oc
pH Range	1-10
Design Flux	2-10 m ³ /Hr (Design flux varies depending on feed water quality and system design)
Housing	UPVC
End Cap	UPVC
Potting Material	Polyurethane + Epoxy

