

High Precision



ULTRAFILTRATION

IN-OUT HOLLOW FIBRE MEMBRANE
TIKER™ PS

UFH1060



Overview

The Inside-Out UFH-PS Series ultrafiltration (UF) membrane is optimized for purification, separation & concentration of feed liquids with relatively low turbidity.

The UFH PS Series, structured with Tiker™ PS (permanently hydrophilic polysulfone) has **the advantage of dry storage**. is designed to deliver high molecular weight cut-off precision, low fouling and excellent uniformity of water distribution.

- Permanently hydrophilic
- High filtration precision
- Resistant to pH extremes

Product Specifications

Module	ID/OD mm	Active area m ²	Filtering Precision Dalton	Material
UFH1060	1.2 / 2.0	45	6~300K*	Hyper™ PS**

* MWCO standard: 50K Dalton

**Tiker™: Permanently hydrophilic. (also available: PVDF, PAN)

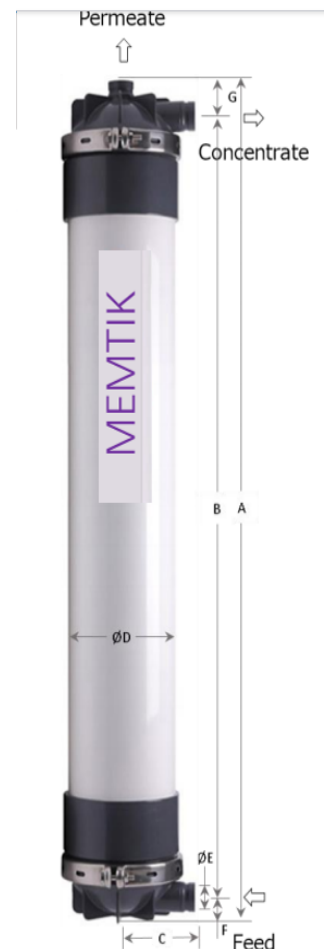
Units (mm)	A	B	C	φD	φE	F	G
UFH1060	1720	1600	171	250	60	45.5	75.5

Product Performances

SDI ₁₅	<2
Permeate turbidity	<0.06NTU
Particles removal >0.1μm	>6log
Virus removal	>5log
Bacterial removal	>6log
Max. feed turbidity	200NTU

Operating Specifications

Operating temperature	5~45 °C
pH range (operation, cleaning)	3~12, 2~13
Operation mode	Dead-end or cross-flow
Initial pure water flux	150~300 L/m ² .h
Design filtrate flux	60~120 L/m ² .h
Operating pressure	<0.1 MPa
Max. applied feed pressure	0.4 MPa
Max. pressure drop	0.20 MPa
Max. backwash pressure	0.20 MPa



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