



High Precision



ULTRAFILTRATION

IN-OUTHOLLOW MEMBRANE
TIKER™ PS

UFH4040



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**. It is designed to deliver highest molecular weight cut-off precision, low fouling and excellent uniformity of water distribution.

- Permanently hydrophilic
- Highest precision & purity
- Resistant to pH extremes

Product Specifications

Module	ID/OD mm	Active area m ²	Filtering Precision Dalton	Material
UFH4040	1.2 / 2.0	4	6~300k	Hyper™ PS**

* MWCO standard: 50k Dalton

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

Units (mm)	A	B	C	φD	φE	F
UFH4040	1150	965	107	90	32	95

Product Performances

SDI₁₅	<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



Disclaimer: MEMTIK or its related company is continuously updating and improving its products and services, so please contact us for more detailed information or to confirm specifications. MEMTIK takes no responsibility for any errors resulting from the use of information contained within this document.