

# High Flux



## **MBR - MEMBRANE BIOREACTOR**

FLAT SHEETMEMBRANE TIKER™PVDF

#### **FMBR-E100**



## **Overview**

MEMTIK FMBR PVDF Series, is a high-flux Flat Sheet MBR membrane delivering excellent permeability, fouling resistance, stability and elimination effectiveness.

Structured with Tiker<sup>TM</sup> PVDF (permanently hydrophilic polyvinyl difluoride) has **the advantage of dry storage**.

FMBR PVDF Series membranes can be used for a wide variety of treatment applications such as industrial and domestic wastewaters.

- Permanently hydrophilic
- High flux & low fouling
- High MLSS concentration
- High chlorine resistance

## **Product Specifications**

Effective membrane area	$m^2$	1.0
Dimensions (w×h×d)	mm	610x930x12
Weight	Kg	1.2
Nominal pore size	μm	0.2
Membrane material	-	Hyper <sup>™</sup> PVDF
Reinforcement frame	-	

## **Product Performances**

Storage & Maintenance	-	Dry Storage
Design flux rate	L/m <sup>2</sup> .h	15~30
MLSS	mg/L	4,000~15,000

# **Operating Specifications**

Operating temperature	°C	5~40
DO concentration	mg/L	>1
pH range	-	2~11
Aeration rate	L/m <sup>2</sup> .h	≥10
Operating pressure	MPa	-0.02~0
Max. operating pressure	MPa	0.035
Max. pressure drop	MPa	0.03



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 ofinformation contained within this document.