

MBR – MEMBRANE BIOREACTOR

FLAT SHEET MEMBRANE

FSMBR 05



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

Structured with Hyper™ 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 MLSS concentration
- High flux & low fouling
- High chlorine resistance

Product specification		
		0.5 M2
Model		FSMBR 05
Effective membrane area	M2	0.5
height	MM	640
width	MM	510
thickness	MM	13
Dry weight	Kg	1
Nominal pore size	µm	0.1
Membrane Material		PVDF
Plate material		ABS
Air requirement	M3/Hr/Plate	≥0.48
Product performances		
Storage		Dry Storage
Design Flux	LMH	15-34 LMH
MLSS	PPM	7000 -18000
Operation Specification		
Operating Temperature	°c	5 -40 C
DO Concentration	PPM	>1
pH Range		06-09 ph
Operating Trans. Pressure	Mbar	50-200
Operating mode(permeate/relaxation)	Min	08-02 Min
Max press drop	Mbar	350