

# MBR – MEMBRANE BIOREACTOR

## FLAT SHEET MEMBRANE

### FSMBR 16



imemflo FMBR PVDF Series, is a high-flux Flat Sheet MBR membrane delivering excellent permeability, fouling resistance, stability and elimination effectiveness. Structured with HyperTM 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		
		1.6 M2
Model		FSMBR 16
Effective membrane area	M2	1.6
height	MM	1810
width	MM	512
thickness	MM	14
Dry weight	Kg	5
Nominal pore size	µm	0.1
Membrane Material		PVDF
Plate material		ABS
Air requirement	M3/Hr/Plate	≥0.72
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