

TG-UF Series Tubular Membranes

Application for Landfill Leachate and Other Industrial Waste Water

PRODUCT DESCRIPTION

Membrane Chemistry:	Robust PVDF
Membrane Type:	UF Membrane, Pore Size: 30nm
Construction:	Tubular, Vessel Material: FRP/UPVC/SS
Options:	4", 6", 8", 10" Dimensions are all available

SPECIFICATIONS

Model	Tube ID. (mm)	Module OD. (inch)	Module Length (mm)	Membrane Area (m ²)	Clean Water Flux @100kpa(T/H)
TG-30nm-8430	8.0	4.0	3000	6.4	5.12
TG-30nm-8630	8.0	6.0	3000	15.2	12.16
TG-30nm-8830	8.0	8.0	3000	27.2	21.76
TG-30nm-8840	8.0	8.0	4000	36.7	29.36
TG-30nm-81030	8.0	10.0	3000	40.0	32.00
TG-30nm-81040	8.0	10.0	4000	53.4	42.72

We can offer customized membrane module, especially for small size pilot modules.

OPERATION SPECIFICATIONS

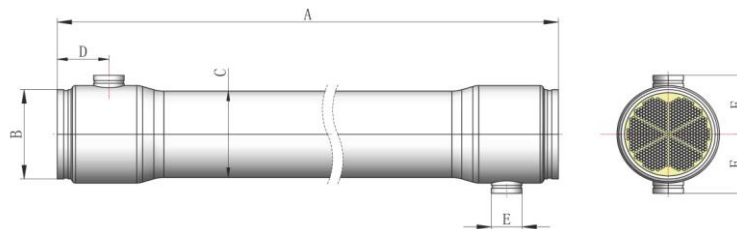
Typical Operation Pressure:	43.5-72.5 psi (3.0-5.0 bar)
Max.Operation Pressure:	116 psi (8.0 bar)
Min.Outlet Pressure:	10 psi (0.7 bar)
Max. Permeate Pressure:	3 psi (0.2 bar)
Single Module Pressure Drop:	11-14.5 psi (0.75-1.0 bar)
Max.Operation Temperature (pH:8):	140°F (60°C)
Max. Temperature for CIP:	104°F (40°C)
pH-Continuous Operation @25°C:	2.0-10.0
pH-CIP @40°C:	2.0-12.0
Max. Chlorine Exposure	250,000ppm·h

For special industry applications, please contact us.

DESIGN PARAMETERS

Feed Reference:	4/6/8/10 inch vessel: 70/150/270/400 m ³ /h
Recommended Flow Velocity:	3-5m/s

DIMENSIONS



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
TG-30nm-8430	3000	114.3	107	80	48	98
TG-30nm-8630	3000	168.3	160	90	60	125
TG-30nm-8830	3000	219.1	210	90	73	165
TG-30nm-8840	4000	219.1	210	90	73	165
TG-30nm-81030	3000	273.0	262	150	88.9	180
TG-30nm-81040	4000	273.0	262	150	88.9	180