

Martin UF Membranes 4" & 8"

Ultra-filtration is an advanced technology to separate, purify and concentrate fluids using the principle of sieving on a molecular level. Using advanced technology and material to make PVC, PVDF or PS modified UF hollow fiber membrane, Martin UF membranes acquires superior performance.

- Good hydrophilicity of Membrane material makes higher flux during the operation
- PVC, PVDF or PS modified for membranes
- Membrane material is germ-proof to minimize bio-fouling with longer service life
- Narrow Aperture distribution range to improve fouling resistant with superior fouling resistance
- Dry element on longer storage time
- Transport and storage temperature of -20°C to 45°C
- Solve problem of traditional technology using glycerin and formaldehyde for membrane preservation



PERFORMANCE	MTUF-M-4021	MTUF-M-4040	MTUF-M-8040
Dimension(mm)	Ø90×508	Ø90×1016	Ø200×1016
Membrane Area (m ²)	2.5	5	20
Membrane Material	PVC, PS Modified, PAN, PVDF,PES		
MWCO (Dalton)	50K (6K,30K,100K,200K,300K)		
Hollow Fiber ID/OD (mm)	1.2/2.0 (0.9/1.5, 1.6/2.5, 2.0/3.0)		
Initial Pure Water Flux: (L/m ² .h)	150~300		
Maximum Allow Pressure (MPa)	0.6		
Transmembrane Pressure (MPa)	0.2		
Normal Operation Pressure (MPa)	0.1-0.2		
Backwash Pressure (MPa)	0.1		
PH Value	2-10		
Max Allowable Concentration of Free Chlorine(Long Term) (mg/L)	50		
Max Allowable Concentration of Free Chlorine(Short Term) (mg/L)	<300		
Operation Mode	Cross-flow or Dead-end		
Max Operating Temperature (°C)	<40		
Membrane Characteristics	Hydrophilic/Double skin		