

FilONE-RMS1017

Ultrafiltration Modules

FilONE-RMS1017 is a new product of TSK ENGINEERING UF that boasts a stable filtration performance. It is a reinforced hollow fiber membrane coated with PMIA [poly (m-phenylene isophthalamide)] on the polyester fiber support braid. Even under hard operating conditions, stable filtration performance can be maintained without damaging the separator.



Product

Filtration process	Outside to Inside	Pore Size	0.03 micron
Fiber Dimensions	ID 0.8 / OD 1.7 mm	Membrane Area	50m ²
Size	235mmOD x 1,824mmH		

Performance

Filtrate Flow	2.0~6.0 m ³ /h	Filtrate SDI	≤ 2.5
Turbidity	≤ 0.1 NTU	Operating Mode	Dead-end or Cross-flow

Operating conditions

Filtrate Flux Range	40~120 LMH	Max. Applied Feed Pressure	3 bar
Max. Trans Membrane Pressure	2 bar	Max. Feed Turbidity	20 NTU
Max. Operating Temp.	40°C	pH Range	2~11

Main purpose

It can be applied to various pre-treatment systems such as thermal power and nuclear power plants, various water purification processes (water, beverages, food), sewage and wastewater reuse processes, seawater desalination processes, and other pure water applications.

The above conditions may vary depending on the situation Email : sales@tsk.co.kr | www.mdi-filone.com