

FilONE-HMS1024

Ultrafiltration Modules

FilONE-HMS1024 is an UF for outside-in filtration made of PES (polyethersulfone) material. It has high permeability even at low pressure due to its own spinning technology. It also has a high backwash efficiency as it has an asymmetrical structure with an external dense layer and an internal porous structure.



Product

Filtration process		Outside to Inside	Pore Size		0.05 micron
Fiber Dimensions		ID 0.9 / OD 1.5 mm	Membrane Area		70m ²
Size		235mmOD x 2,324mmH			

Performance

Filtrate Flow		2.8~8.4 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.