

# FilONE-HC60

Ultrafiltration Modules

FilONE-HC60 is a UF for inside-out filtration made of PES (polyethersulfone) material. It has a sponge-shaped porous structure that makes it possible to secure a high permeation flow rate. It has an excellent exclusion performance, allowing it to remove suspended solids, bacteria, microorganisms, iron oxides, and viruses up to 4log (99.99%)



## Product

Filtration process	Inside to Outside	Pore Size	0.03 micron
Fiber Dimensions	ID 0.8 / OD 1.4 mm	Membrane Area	57m <sup>2</sup>
Size	262mmOD x 1,950mmH		

## Performance

Filtrate Flow	2.3~5.7 m <sup>3</sup> /h	Filtrate SDI	≤ 2.5
Turbidity	≤ 0.1 NTU	Operating Mode	Dead-end or Cross-flow

## Operating conditions

Filtrate Flux Range	40~100 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.