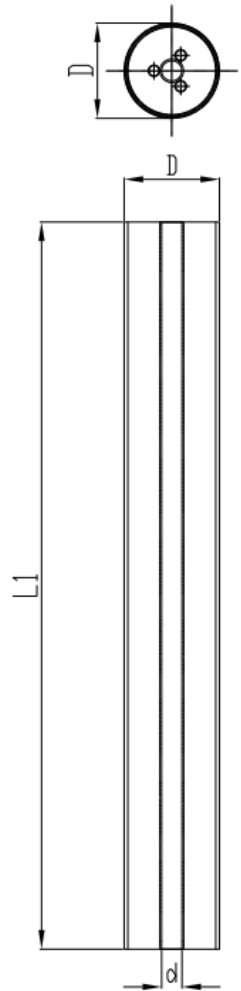
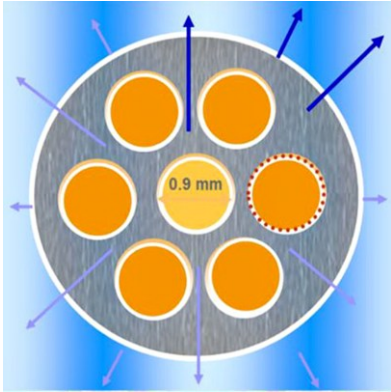


**Internal Pressure Type
UF Membrane Module**

**SEMAST™
0.9 MB 40 PB**



Membrane module size

Module data	0.9 MB 40 PB			
Active membrane area	40	m ²	431	sq.ft.
Total len L1	1527.5	mm	60.14	inch
Outer diameter filtrate tube D	200	mm	7.87	inch
Inner diameter filtrate tube d	42.6	mm	1.68	inch

Membrane data

Capillaries per fiber	7	
Inner diameter	0.9	mm
Pore size	0.02	µm
Material	PESM	

Internal Pressure Type

UF Membrane Module

SEMAST™

0.9 MB 40 PB

Technical data

Cleaning/disinfection chemicals

Free chlorine	max.200	ppm
	max.200,000	ppm×h
H ₂ O ₂ Hydrogen peroxide	max.500	ppm
pH range	1-13	

Flux rate

Filtration	60-180	lmh
Backwash	230-250	lmh

Transmembrane Pressure (TMP)

Filtration	0.1-1.5	bar
Backwash standard	0.3-3.0	bar
Burst pressure	> 10	bar

Material

Housing	PVC-U
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Operation parameters

Temperature range	0-40	°C
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Attention:

Ensure adherence to NYMOI® ultrafiltration membrane components' operation manual to qualify for quality assurance. For warranty claims, submission of relevant documents as per NYMOI's requirements is imperative. Any deviation from the operation manual or any other guidelines necessitates obtaining written permission from our company. Failure to comply poses a risk to the warranty coverage.



All data provided in this document has been tested and is true and reliable. However, due to differences in various application conditions and test methods, none of the listed data shall be deemed as a guarantee or warranty.