



The membrane stack consists types of material such as PP super fine fiber membrane, nylon membrane, PES membrane, PVDF membrane, PTFE membrane. Its filter core's end cover, shell, central rod and end cover adopt PP, PVDF material.

PERFORMANCE SPECIFICATION

Micron Rating : 0.1 μm , 0.2 μm , 0.45 μm , 1.0 μm , 3.0 μm ,
5 μm , 10 μm , 20 μm and 30 μm

Having extensive applicability, hydrophobic, hydrophilic,
Great quantity of taking in pollutants, small resistance,
great flow and long use life

Experiencing 100% integrity test before ex-factory

Adopting the hot welding technique without binder and
not carrying in any chemical pollutants

Filter cores have been washed with ultra pure water

Filtering area : $\geq 0.7 \text{ m}^2$ (10")

Bubble point tested



WORKING SPECIFICATION

Working temperature

a : Common type < 50 degree C,
(pressure difference : 0.3 Mpa)

b : High temperature type < 80 degree C,
(pressure difference : 0.2 Mpa)

Steam sterilizing at 125 degree C,

0.5h each time ; attainable times \geq over 10

Maximum pressure difference against which
it can resist (60 degree C)

Positive direction : 0.42 Mpa

Reverse direction : 0.21 Mpa

* The maximum pressure difference against which it
can resist lowers with the rising of using temperature

Applicable pH value : 1 ~ 13

Applicable fields

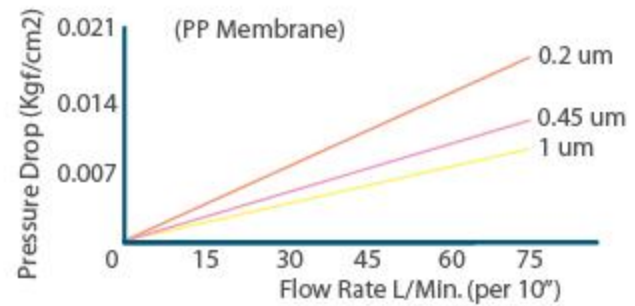
Electronic industry : terminal filter for ultra pure water

Food & Beverage industry : filter of mineral water,
wines and fruit juice etc.

Medicine industry : the filter of drug liquid, gases etc.

Chemical industry : filter of organic solvent etc.

Petroleum industry : filter for oil-field flooding



Micron	Efficiency
0.2	99.99%
0.45	99.99%
1	99.99%
3	99.99%
5	99.99%
10	99.99%
20	99.99%
30	99.99%

ORDERING INFORMATION

Media Material	Micron Rating	Length	Connections	Gasket
PP : PP	001 = 0.1 μm	02 = 2 μm (Nominal L.)	A = 222 FLAT	E = EPDM
NL : NYLON	002 = 0.2 μm	03 = 3 μm	B = 222 FIN	B = BUN-N
PV : PVDF	003 = 0.3 μm	05 = 5 μm	C = 226/2 FLAT	S = SILICON
PT : PTFE	045 = 0.45 μm	10 = 10 μm	D = 226 / 2 FIN	V = VITON
PES : PES	065 = 0.65 μm	20 = 20 μm	E = SOE	T = TEFLON
	01 = 1 μm	30 = 30 μm	F = DOE	
		40 = 40 μm		