HYDOREX™

PLEATED MICRO FILTER CARTRIDGE

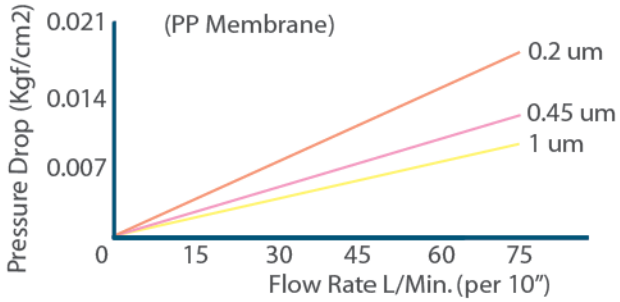
The membrane stack consists types of material such as PP super fine fiber membrane, nylon membrane, PES membrane, PVDF membrane, PTFE membrane. Its filter core's end cover, shell, central rod and end cover adopt PP, PVDF material.

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 : ≥0.7 m2 (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 ≥ 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 & Bevrage 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

PP - 002 - 10 - A - E

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