

UPES Universal Polyether Sulphone Membrane Cartridge



Our Absolute Rated Hydrophilic Polyethersulfone PES membrane cartridge are designed for mirco-electronic industry applications, its high flow and high particle retention characteristic are due to its highly Asymmetric pore structure.

All cartridges are manufactured in clean room environment using US produced membrane material, every piece of filter cartridge are challenged in 100% integrity test with 18 mega -ohm high purity DI water, and compile to FDA biological safety standard.

Technical Parameter

Pore Size (micron)	0.1	0.2	0.45	0.65
B.P. Pressure (bar)	4.5	3.5	2.3	0.8

Testing Condition According to National GMP Qualification
 Filtering Area ≥ 0.65 m² per 10 inch Length

Pressure Difference
 at $<95^{\circ}\text{C}$ (Pressure Difference : 0.1Mpa)

Sterilization

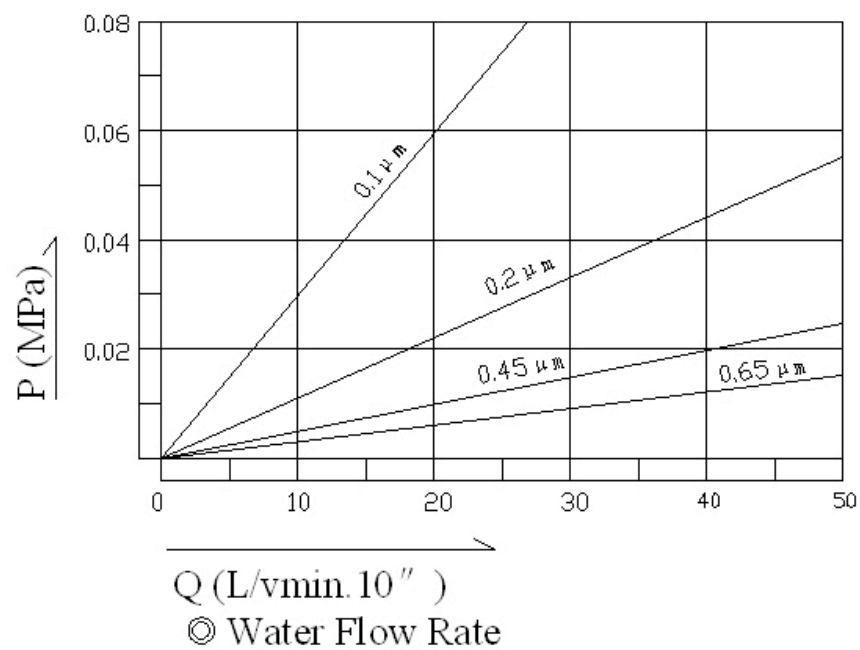
Can be Steam Sterilized under 121 deg C.

Maximum Differential Pressure at 25 deg C -

Positive direction: 0.42Mpa

Reverse direction: 0.21Mpa

Flow rate vs Differential Pressure Chart



Ordering Information

UPES	0.1-	10-	3	E
PES Membrane	Retention Rating	Cartridge Length	End Configuration	O Ring Material
	0.1	10"	DOE	E- EPDM
	0.2	20"	3-SOE 222/Flat End	V- Viton
	0.45	30"	7-SOE 222/Fin End	S- Silicone
	0.65	40"	8-SOE 226/Fine End	