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LIQUID FILTRATION CATALOGUE

Your right choice for perfect filtration





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Polyether Sulphone Membrane Cartridge - UPES Series

To meet your demand in filtration quality

Features:

Our Absolute Rated Hydrophilic Polyethersulfone PES membrane cartridge are designed for micro-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	0.22	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 $< 95^{\circ}$ (Pressure Difference : 0.1Mpa)

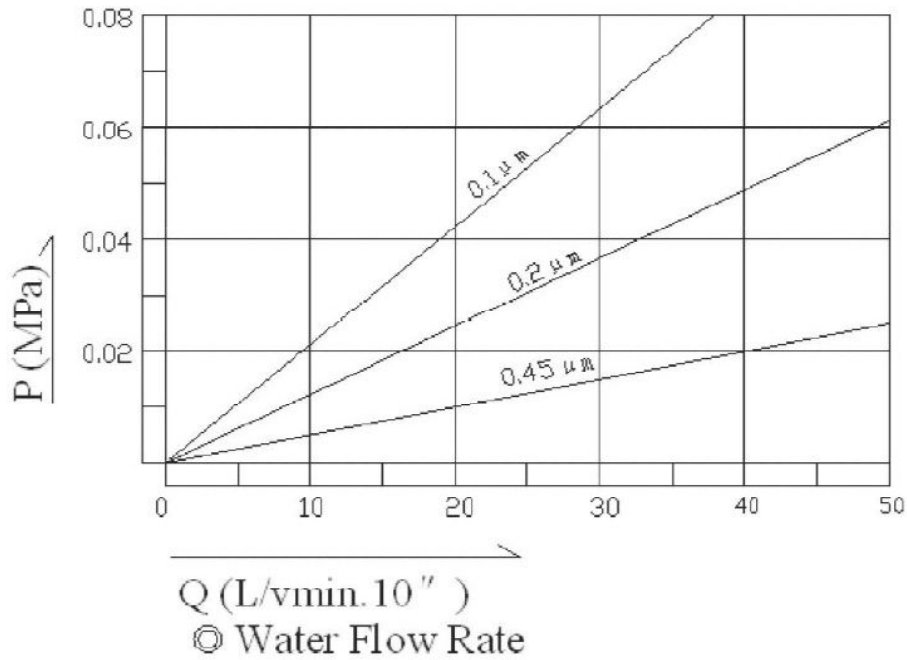
Sterilization
Can be Steam Sterilized under 121 deg C.

Maximum Differential Pressure at 25 deg C
Positive direction: 0.42Mpa
Reverse direction: 0.21Mpa

Flow rate vs Differential Pressure Chart



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Order information:

UPES	0.1-	10-	3	E
PES membrane	Retention Rating	Cartridge length	End Configuration	Oring material
	0.1	10''	DOE	E - EPDM
	0.22	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	