

Dong Chau Construction Environment Ltd., Co  
16/27A Dinh Tien Hoang Street, Dakao Ward, District 1 Ho Chi Minh city  
Tel: +84 8 62702191 Fax: +84 8 39107692  
Email: [Sales@dongchau.net](mailto:Sales@dongchau.net) Web: [www.dongchau.net](http://www.dongchau.net)



[www.dongchau.net](http://www.dongchau.net)

## LIQUID FILTRATION CATALOGUE

Your right choice for perfect filtration





www.dongchau.net

## Membrane Cartridge - UPTFE Series

*To meet your demand in filtration quality*

### Features:

- Filter Media – Expanded Polytetrafluoroethylene Membrane
- Absolute Rated
- Superior Oxidation and Chemical Resistance Property
- Two choices
  - Type A - Core/Cage in PP material
  - Type B - High Temp application with Core/Cage/End Cap PP with Steel Lining
- Manufactured in Clean Room environment
- 100% integrity tested
- Manufactured in accordance to FDA Biologic Safety standard

### Technical Parameter:

Pore Size (micron)	0.1	0.22	0.45	0.65
B.P. Pressure (bar)	1.5	0.9	0.7	0.6

Testing Condition According to National GMP Qualification  
Filtering Area  $\geq 0.7$  m<sup>2</sup> 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

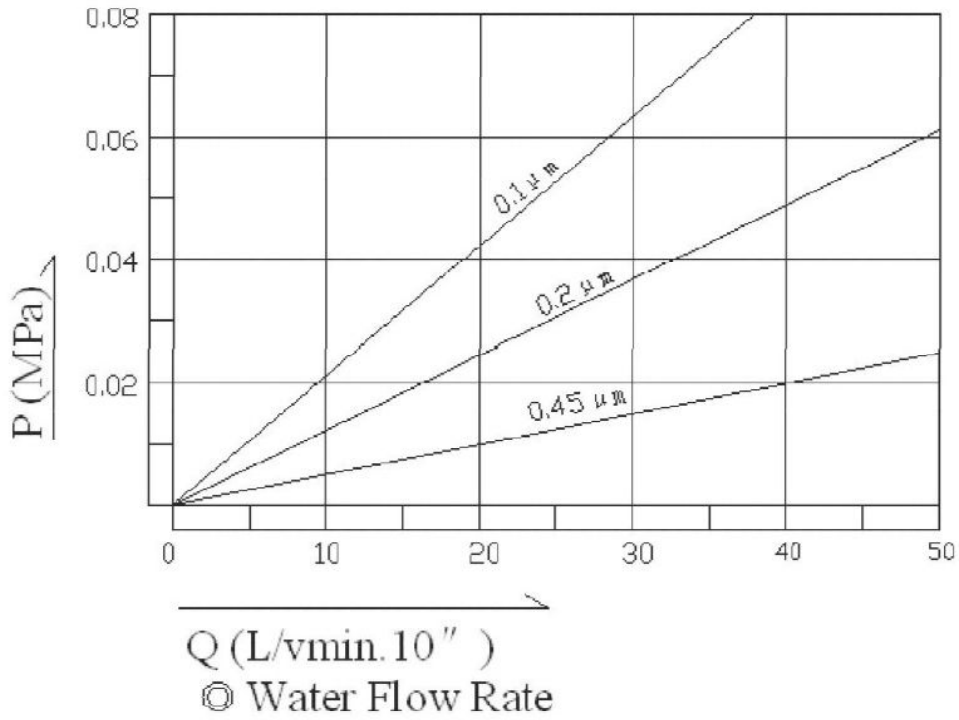
Reverse direction: 0.21Mpa



### **Flow rate vs Differential Pressure Chart**



www.dongchau.net



**Order information:**

UPTFE	0.1-	10-	3	E
PTFE 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	T - Teflon