

## UN Universal Nylon Membrane Cartridge



Our Nylon membrane cartridge provides wide system compatibility and absolute-rated efficiency, yielding the cleanest possible process fluids in a variety of semiconductor applications. Naturally hydrophilic nylon membrane cartridges require no pre-wetting and are ready to use.

Each cartridge module is also individually tested for integrity. Our design criteria and special procedures allow us to provide the highest quality electronic grade cartridges. Cartridges are designed to meet the special needs of the electronics and high purity chemical industries

- Filter Media – Reinforced Hydrophilic Nylon Membrane
- Absolute Rated
- Superior Strength and Akali Resistance Properties
- Core/Cage in PP material
- 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
B.P. Pressure (bar)	3.5	2.8	1.2

Testing Condition According to National GMP Qualification  
 Filtering Area  $\geq 0.7 \text{ m}^2$  per 10 inch Length

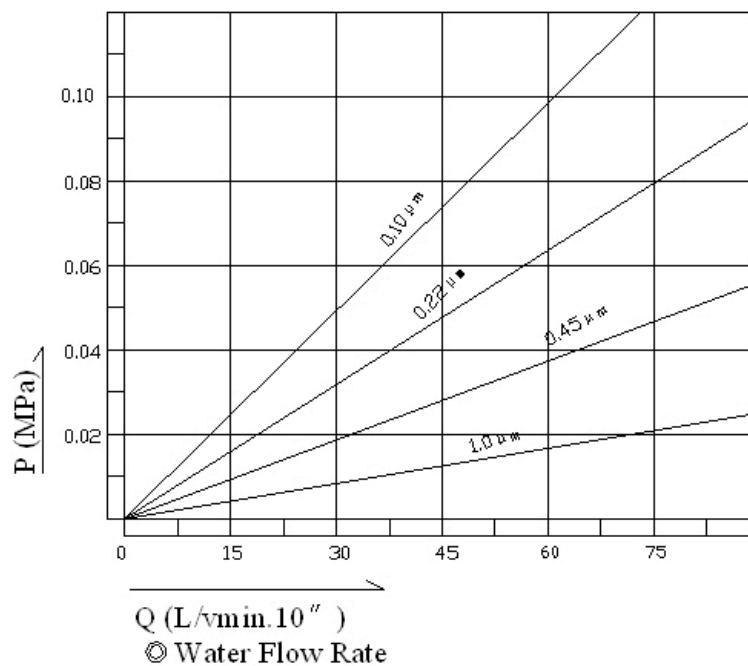
Pressure Difference  
 at  $< 95^\circ\text{C}$  (Pressure Difference : 0.2Mpa)

Sterilization  
 Can be Steam Sterilized under 125 deg C.

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

Operating pH range - 4 to 13

Flow rate vs Differential Pressure Chart



Ordering Information

<b>UN-</b>	<b>0.1-</b>	<b>10-</b>	<b>3</b>	<b>E</b>
Nylon Membrane	Retention Rating	Cartridge Length	End Configuration	O Ring Material
	0.1	10"	DOE	E- EPDM
	0.22	20"	3-SOE 222/Flat End	V- VITON
	0.45	30"	8-SOE 222/Fin End	S- Silicone
		40"	7-SOE 226/Fin End	T- Teflon