



Nylon Pleated Membrane Cartridge

Profile

The filter cartridges are made of hydrophilic nylon material with no surface active agents or IPA pre-washing, reducing the cleaning time and cost of the cartridges. These cartridges features low pressure difference, high flow rate and rigid structure.

These cartridges can be used as secondary filters in ultrapure water, chemical and medical applications.

Characteristics

- Hydrophilic, no need for IPA pre-washing.
- Filtration area more than 0.9 m², low psid, large flow rate.
- No surface active agent, minimum cleaning time.
- 18MΩ-DI water / 2 GPM clean 30 minutes, TOC less than 40ppb.
- End connections are thermally bonded without adhesive.
- Integrity test is acceptable.

Nylon ~~S.Acid~~ ~~W.Acid~~ W.Alkali S.Alkali Solvent

Dp max : 95°C , 1.4 kg/cm² (pure water)
60°C , 1.4 kg/cm²
20°C , 5.6kg/cm²

Temperature: 95°C (drink and water)
60°C (chemical medicine)

ID(inside diameter): 28mm

OD(outside diameter): 63mm

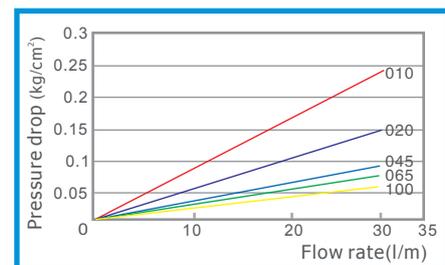
Applications

- Final filtration of pure water
- Sterile filtration
- Solvent exact filtration
- Industry cycle water
- Electric resistance solvent exact filtration
- Alkaline solution exact filtration

Specification Code

ELCPN	10	7	B	1
ELCPN	Length:	Connection	Seal Media:	Rate(um):
ELCPNX	10-10"	Code:	B-Buna N	0.1
	20-20"	2、3、	V-Viton	0.2
	30-30"	4、5、6、	S-Silicone	0.45
	40-40"	7、8	E-EPDM	0.65
				1

Initial pressure drop



Filtration efficiency

Product filtration rate	Filtration efficiency(%)					
	0.1	0.2	0.3	0.5	0.7	1.0 um
010	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
020		>99.9	>99.9	>99.9	>99.9	>99.9
045				>99.9	>99.9	>99.9
065					>99.9	>99.9
100						>99.9

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