

Poly-Nylon Pleated Filter Cartridge with Nylon membrane

Poly-Nylon filter cartridges feature a naturally hydrophilic polyamide Nylon membrane with a narrow pore size distribution and high porosity at the specified pore size rating. Poly-Nylon filter are suitable for the sub-micro filtration of a wide range of process liquid, in application where the characteristics of a naturally hydrophilic membrane are required. Various grades of cartridges are used for pure water supply and fine chemicals.

Features & Benefits

Applications for product

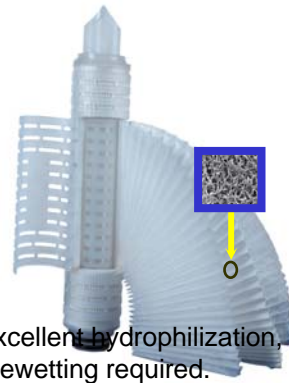
- Maximum operating forward pressure drop :
 - 95°C : 1.4 kg/cm²
 - 60°C : 1.4 kg/cm²
 - 20°C : 5.6 kg/cm²
- Maximum operating temperature :
 - For chemical filtration 60°C
 - For food&beverage, DI water 95°C

Operation conditions

- Terminal fine filtration of DI water system.
- Filtration of base solutions, solvents and photoresists of LCD factory.

Product specifications

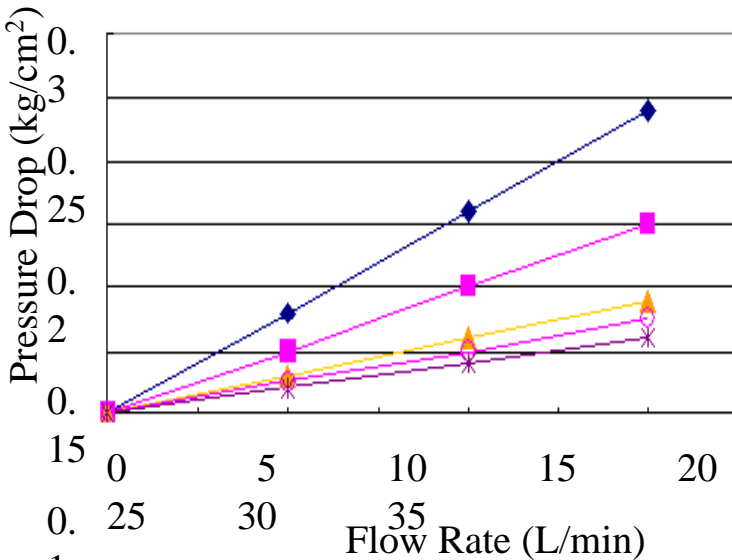
- Pore size : 0.1, 0.2, 0.45, 0.65, 1.0 micron
- Membrane : Nylon membrane
- Support : PP
- End Cap & Core : High strength PP
- O-ring material : EPDM, Buna N, Silicone, Viton, Viton encapsulated PFA
- Filtration Area : 0.9m²
- Length : 10", 20", 30", 40"
- Inner Diameter : 28 mm
- Outer Diameter : 69 mm



- Excellent hydrophilization, no prewetting required.
- 0.9m² of filtration area, low pressure drop, and high flow rate.
- Manufactured in clean room, highly clean cartridge.
- Pre-flush with 18Megohm-cm DI water, TOC content is lower than 40ppb.
- Integrity test is available.
- End cap and connectors are sealed by thermal bond, free binder.

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Initial pressure drop



Suggested equivalent products

Millipore	Durapore (DI water)
Pall	Fluorodyne(DI water)
Pall	Posidyne(DI water)
Pall	Ultipor N66(DI water)
PTI	Clariflow Water
CUNO	Zetapo
Filterite	Poly-Fine II
Filterite	0.2micron
Filterite	Asymmetrix
Filterite	Sigma (DI water)
Filterite	Asymmetrix
Filterite	Sigma+(DI water)
Filterite	Asymmetrix
Filterite	Omega(DI water)
Filterite	Asymmetrix
Filterite	Versa(DI water)

Ordering Information

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<u>PN</u>	-	<u>010</u>	-	<u>E</u>	-	<u>0</u>	-	<u>1</u>	-	<u>B</u>	-	<u>A</u>
Poly - Nylon		Pore size:		O-ring material		End cap number:		Length:		Pre-Flush		Integrity test
		010 = 0.10 micron		E = EPDM		F = Double open end(DOE)		1 = 10"		A = Non-Preflush		A = Non-Integrity test
		020 = 0.20 micron		N = NBR		0 = 222 Flat(SOE)		2 = 20"		B = Pre-flushwith		B = Integrity test
		045 = 0.45 micron		S = Silicone		5 = 222 Fin (SOE)		3 = 30"		DI Water		
		065 = 0.65 micron		V = Viton		6 = 226 Flat(SOE)		4 = 40"				
		100 = 1.00 micron		T = Viton encapsulate with Teflon		7 = 226 Fin(SOE)						