



GDN - Nylon Membrane Pleated Filter Cartridges

GDN series Nylon Membrane Pleated Filter Cartridges provide superior removal efficiency, yielding the cleanest process fluids in a variety of fine filtration applications. Inherent hydrophilic Nylon membranes require no pre-wetting and are conveniently ready to use. With broad chemical compatibility and excellent temperature endurance, GDN cartridges are ideal options to satisfy various chemical filtration processes.

- ⑥ **High surface area design provides excellent flow capacity and long service life while maintaining maximum filtration performance.**
- ⑥ **Free of additives, binders and lubricants.**
- ⑥ **Wide chemical compatibility makes GDN ideal for chemical industries requiring high purity.**
- ⑥ **May be autoclaved (121°C, 30minutes cycles) or in situ steam sterilized (125°C, 30 minutes cycles) for a maximum accumulated exposure of 10 hours.**

Applications

RO/DI Process, Semiconductor, Chemicals, Solvents, Inks, Cosmetics, Medicine Filtration, Food & Beverage

Specifications

Filter Media	Nylon
Micron Rating	0.1, 0.2, 0.45, 1 μm
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Core	Polypropylene
Filter Support	Polypropylene
End Cap	Polypropylene
Cage	Polypropylene
Outside Diameter	2.75"(70mm)

Operation Data

Maximum Operating Temperature : 110°C (230°F)
Maximum Differential Pressure : 4.8 bar at 50°C (70 psi at 122°F)
3.4 bar at 80°C (50 psi at 176°F)
1.8 bar at 110°C (20 psi at 230°F)

Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

Sterilization

Autoclave or in situ steam : 121°C (250°F) for 30 minutes at 1.0 bar (14 psi)

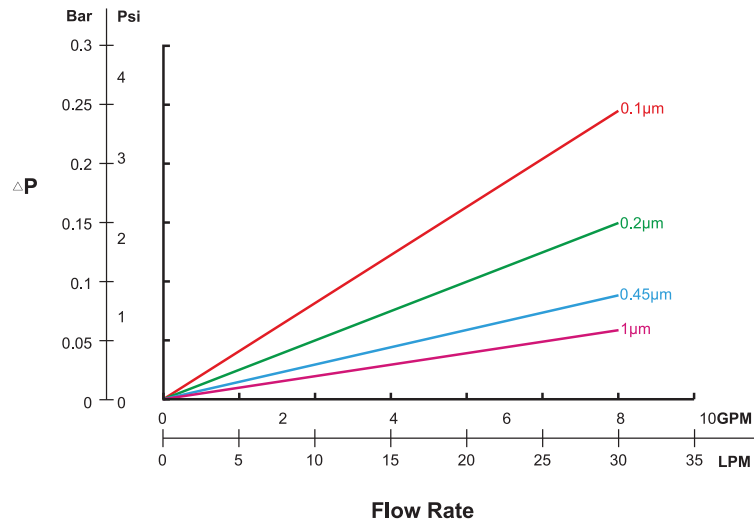
For more information:

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10" Nylon Membrane Pleated Filter Cartridge



Ordering Information

Type	Micron Rating	Filter Media	Nominal Length inch	Gasket/O-ring Option	End Cap Option
GD Pleated Membrane Filter Cartridge	01 – 0.1 µm 02 – 0.2 µm 0H – 0.45 µm 1 – 1 µm	N Nylon	10 - 10" 20 - 20" 30 - 30" 40 - 40" Other Customized Sizes	S -Silicone E -EPDM V -Viton W -Teflon encapsulated Viton	0 : Flat Gasket Double Open End 5 : 2-222 O-ring with Flat End 6 : 2-226 O-ring with Flat End 8 : 2-222 O-ring with Fin 9 : 2-226 O-ring with Fin
GD Pleated Membrane Filter Cartridge	1 1µm	N Nylon	10 10"	S Silicon O-ring	0 Flat Gasket Double Open End

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