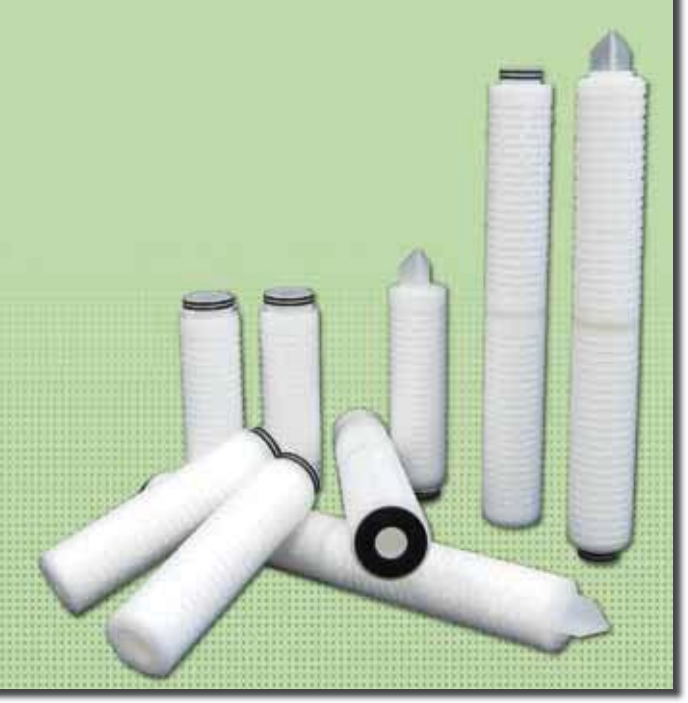


GDH - Hydrophilic PTFE Membrane Pleated Filter Cartrdiges

GDH series Hydrophilic PTFE Membrane Filter Cartridges incorporate advanced non-dewetting PTFE media with PP construction, delivering superior flow rate, long service life and low pressure drop due to its high porosity and permeability. GDH cartridges exhibit great convenience and easy installation in point-of-use because no special transportation, storage and pre-treatment are required. GDH filter cartridges are capable in highly severe conditions without compromising chemical compatibility.

- ***Non-dewetting hydrophilic PTFE membranes exhibit great convenience requiring no special treatments before use.***
- ***Satisfy various chemical processes by broad chemical compatibility and excellent temperature endurance.***
- ***Provide superior and consistent removal efficiency by character of fixed pore construction.***
- ***100% integrity tested.***
- ***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

Process Gases, Solvents, Semiconductor, Storage Tank Vents, Photoresists, Pharmaceutical, Food & Beverage, Chemicals, Etchants

Specifications

Filter Media	Hydrophilic PTFE
Micron Rating	0.05, 0.1, 0.2, 0.45, 1 µm
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Core	Polypropylene/SUS316
Filter Support	Polypropylene
End Cap	Polypropylene
Cage	Polypropylene
Outside Diaments	2.7"(70mm)

Operation Data

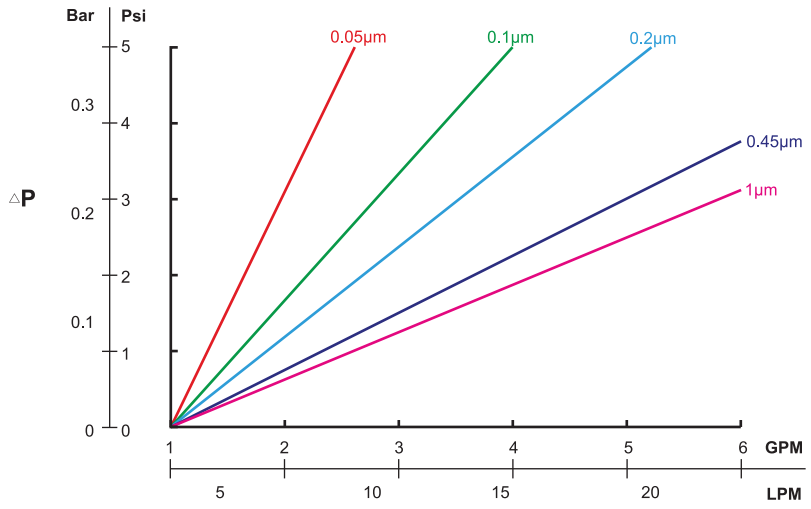
Maximum Operating Temperature : 90°C (194°F)
Maximum Differential Pressure : 4.8 bar at 20°C (70 psi at 68°F)
2.1 bar at 90°C (30 psi at 194°F)
Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

For more information:
WEB: FLTR.com.au **PHONE**: (+61) 1300 62 4020 **EMAIL**: info@FLTR.com.au **SKYPE**: Purple.Engineering

FLTR Purple Engineering

GDH - Hydrophilic PTFE Membrane Pleated Filter Cartrdiges

10" Hydrophilic PTFE Membrane Pleated Filter Cartridge



Flow Rate

Sterilization

Autoclave or in situ steam : 121˚C (250˚F) for 30 minutes at 1.0 bar (15 psi)

Ordering Information

Type	Micron Rating	Filter Media	Nominal Length inch	Gasket/O-ring Option	End Cap Option
GD Pleated Membrane Filter Cartridge	**0X5** – 0.05 µm **01** – 0.1 µm **02** – 0.2 µm **0H** – 0.45 µm **1** – 1 µm	**H** Hydrophilic PTFE	**10** - 10" **20** - 20" **30** - 30" **40** - 40" Other Customized Sizes	**S**-Silicone **V**-Viton **E**-EPDM **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	**02** 0.2µm	**H** Hydrophilic PTFE	**10** 10"	**S** Silicon O-ring	**0** Flat Gasket Double Open End