

GDT - All Fluropolymer Membrane Pleated Filter Cartridges

GDT series are completely constructed by fluropolymer materials which enable GDT cartridges to work in severely aggressive conditions. Hydrophobic PTFE membranes have advantage of fixed pore size, providing consistent removal efficiency and superior cleanliness. Without compromising filtration performance, GDT cartridges are the most recommended solutions for complicated processes requiring high purity and high temperature.

- ***Enable to work in extremely aggressive conditions without compromising filtration performance by all fluropolymer construction.***
- ***Hydrophobic PTFE membranes stay in fixed pore size, providing consistent removal efficiency and superior cleanliness.***
- ***Durable in high temperature and high pressure.***
- ***100% integrity tested.***

Applications

Semiconductor, Storage Tank Vents, Solvents, Process Gases, Photoresists, Ethants, Chemicals, Pharmacentical, Food & Beverage

Specifications

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

Operation Data

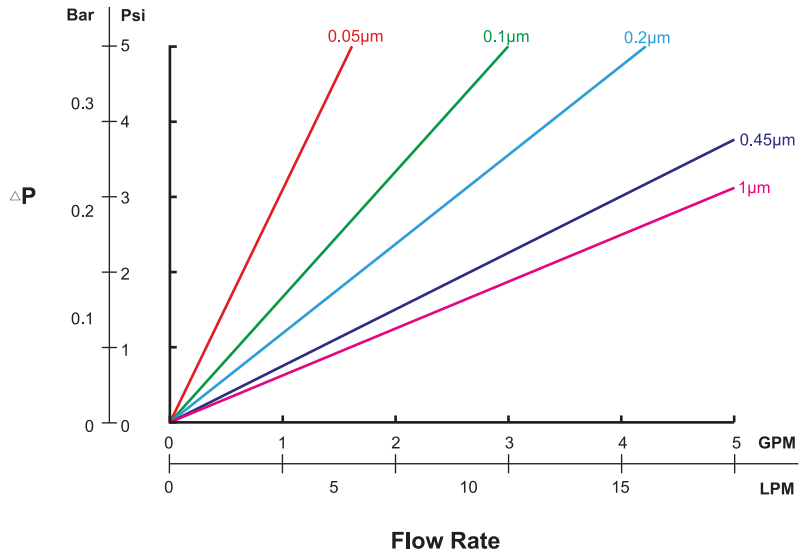
Maximum Operating Temperature : 140°C (284°F)
Maximum Differential Pressure : 5.5 bar at 25°C (80 psi at 77°F)
2.1 bar at 140°C (30 psi at 284°F)
Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

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FLTR Purple Engineering

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10" Hydrophobic PTFE Membrane Pleated Filter Cartridge



Flow Rate

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	**T** All Fluropolymer	**10** - 10" **20** - 20" **30** - 30" **40** - 40" Other Customized Sizes	**W**-Teflon encapsulated Viton	**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	**01** 0.1µm	**T** All Fluropolymer	**10** 10"	**W** Teflon encapsulated Viton	**5** 2-222 O-ring with Flat End