

# GasPure PFA Pleated Filter Cartridge



## » Special Process Gas Filtration Perfluorinated Filter Cartridge

Suitable for Suitable for oxidizing gases, corrosive gases.

### Description

GP series All-fluorine filters are welded and sealed with high temperature hot melt technology by ultra-pure PFA resin with strong chemical compatibility and high-purity PTFE membrane. It is resistant to high temperatures and oxidation, and is specially designed for special gas filtration.

### Features

- Broad chemical compatibility
- High flow rate with high porosity and extremely long service life
- Provide High efficiency
- Offered in multiple sizes
- Clean workshop production uses hot melt welding technology, ensuring no pollution

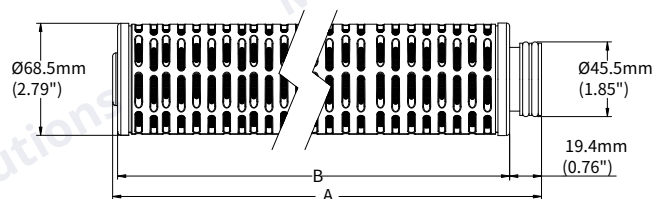


### Specifications

Materials of Construction	Type	Φ68
	Filter Membrane	Hydrophobic PTFE
	Supports	PFA
	Cage/Core/End Caps	PFA
Removal Rating	0.001 μm, 0.003 μm, 0.01 μm, 0.03 μm, 0.20 μm, 1.0 μm	
Filter Dimension	Nominal Outer Diameter	68 mm
	Length	Refer to the Order Information
	Membrane Surface Area	≥ 0.7 m <sup>2</sup>
Operating Conditions	Maximum Forward Differential Pressure	0.43 MPa @ 25 °C
	Maximum Reverse Pressure	0.3 MPa @ 25 °C
	Maximum Operating Temperature	0.05 MPa @ 170°C

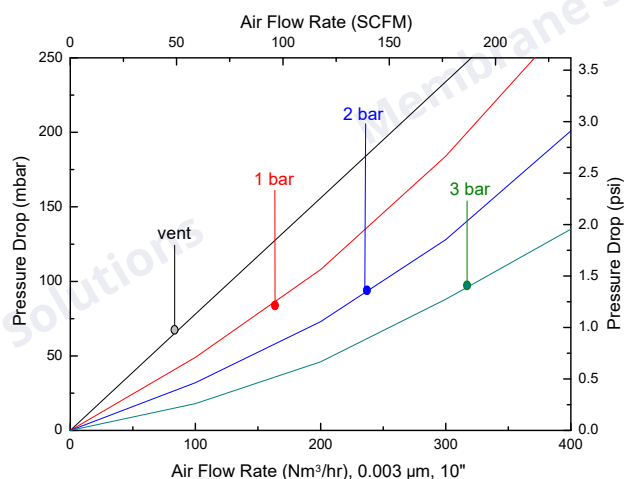
## Dimensions

### Φ68 GP Series (222/Flat)



Length	A	B
2.5 inch	95.3±2 mm (3.7")	72.9±2 mm (2.8")
4 inch	125.5±2 mm (5")	103.1±2 mm (4")
10 inch	263.3±2 mm (10")	240.9±2 mm (9.4")
20 inch	506.7±4 mm (20")	484.3±4 mm (19")
30 inch	750.1±6 mm (30")	727.7±6 mm (29")
40 inch	993.5±8 mm (39")	971.1±8 mm (38")

## Flow Characteristics



\*Test by compressed air, the test pressure vent, 1 bar, 2 bar, 3 bar is the outlet pressure.

## Ordering Information

Series	Length	Pore Size	Adaptor	Sealing	—	Cleanliness
CRGP = PTFE (Hydrophobic PTFE)	004 = 4" 005 = 5" 010 = 10" 020 = 20" 030 = 30" 040 = 40"	G01 = 0.001 μm G03 = 0.003 μm G10 = 0.01 μm G30 = 0.03 μm L02 = 0.2 μm L10 = 1.0 μm	0 = DOE 2 = 222/Flat 3 = 222/Fin 6 = 226/Fin 7 = 226/Flat	S = Silicone E = EPDM F = FKM N = NBR PV = Teflon Encapsulated FKM PS = Teflon Encapsulated Silicone		E = Electronic Grade

\*For the other size, please contact MS.



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