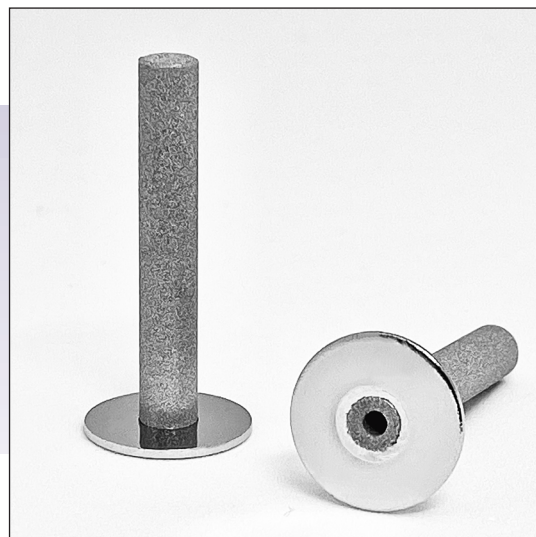


GasPro™

9120 In-Line Gasket Filters

Porvair's GasPro™ Gasket Filters are designed for the protection of critical valves, pressure regulators, mass flow controllers and other gas panel components used in microelectronics gas delivery equipment.



Features and Benefits

- **Compact, in-line design**

Suitable for retrofitting into gas panels while maintaining the overall gas panel footprint. Easily installed inside of standard face seal fittings by replacing existing gaskets.

- **Filtration efficiency removal rating**

97% efficient particle retention at $>0.3 \mu\text{m}$

99.9% efficient particle retention at $>0.4 \mu\text{m}$

- **Maximum Temperature**

316L

Oxidizing - 400°C (750°F)

Reducing - 540°C (1000°F)

Hastelloy®-C22®

Oxidizing - 650°C (1200°F)

Reducing - 650°C (1200°F)

- **Out-of-package cleanliness**

Our GasPro™ filters are cleaned and packaged in a cleanroom with organic free handling for out-of-package particulate and chemical free cleanliness. Additional pre-conditioning is optional.

- **Best in class quality**

Manufacturing in a state of the art cleanroom using ISO 9001 Certified Quality System.

- **Construction**

Available in all stainless steel, or Hastelloy®-C22® filter media with a nickel gasket.

Specifications

GasPro™ Part Number*	Flow Rating (@90psig Inlet/2psid)	Filter Rating	Gasket and Filter Material	Connects Into	Filter Outside Diameter	Filter Overall Length	Gasket Outside Diameter
9120	20 SLPM	0.3 µm	316L Stainless Steel	¼" Tube	0.16" (4 mm)	1.03" (26.1 mm)	0.47" (11.9 mm)
9120H	20 SLPM	0.3 µm	Nickel and Hastelloy®-C22®	¼" Tube	0.16" (4 mm)	1.03" (26.1 mm)	0.47" (11.9 mm)

* Add -R if the gasket retainer is required.

GasPro™ Gasket Filter Specification

All GasPro™ gaskets have a <10Ra, or better, surface finish and are electropolished.

Gasket Clip Retainer

Gasket clip retainers are available for some of our products, please contact a Porvair Filtration Group representative for further information.

Maximum Differential Pressure

1000 psid forward or reverse.

Flow Rate Versus Pressure

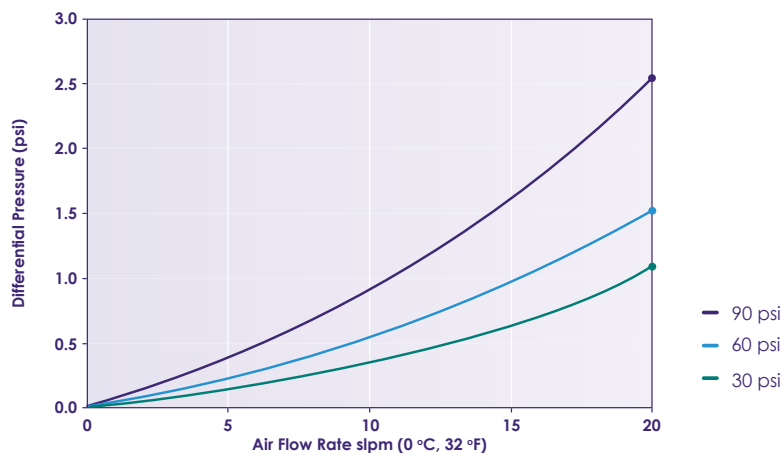


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