porvair
filtration group

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 µm
  99.9% efficient particle retention at >0.4 µm

- **Maximum Temperature**
  Elevated temperature resistance (850°F (455°C)) for inert gas applications.

- **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**
  Stainless Steel 316L hardware and filtration media.

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)

* Add 9120-R if the gas retainer option is going to be added.

GasPro™ Gasket Filter Specification

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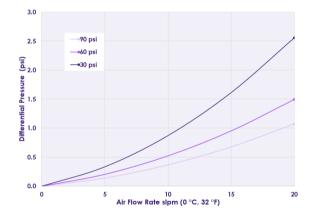
Gasket Clip Retainer

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