for the Microelectronics Industry



# **GasPro<sup>TM</sup>** 9120 In-Line Gasket Filters



Porvair's GasPro<sup>™</sup> 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™	Flow Rating	Filter Rating	Gasket and	Connects	Filter	Filter	Gasket
Part Number*	(@90psig Inlet/2psid)		Filter Material	Into	Outside Diameter	Overall Length	Outside Diameter
9120	20 slpm	0.3 µm	316L Stainless Steel	1/4" 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<sup>™</sup> Gasket Filter Specification

All GasPro<sup>M</sup> gaskets have a <10Ra, or better, surface finish and are electropolished.

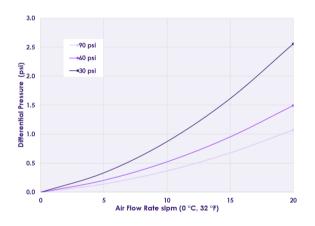
#### **Gasket Clip Retainer**

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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