

## GasPro™

### PV1-1100

All-316L Stainless Steel  
1 micron In-Line Gas Filter



GasPro™ PV1-1100 Series filters are designed for photovoltaic/solar and other microelectronic gas applications where 1 µm particle retention is acceptable. Standard industry fittings are offered for easy installation.

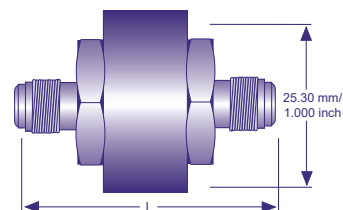
#### Specifications

- **Filtration Rating**  
Efficient particle retention at 1.0 µm
- **Maximum Operating Temperature**  
200°C (392°F) in inert gas
- **Maximum Operating Pressure**  
206.8 bar (3,000 psig) at 121°C (250°F)

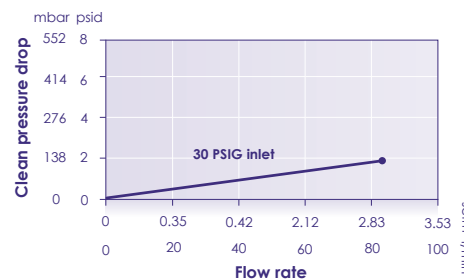
#### Features

- **Electro-polished housing**  
The filter assemblies have a <10Ra electro-polished 316L stainless steel housing to prevent corrosion and particle build up on interior surfaces.
- **Out of package cleanliness**  
Our GasPro™ PV1-1100 filters are cleaned and packaged in a cleanroom with organic free handling for out-of-package, particle free, and chemical free cleanliness. Final assembly is purged with filtered nitrogen for initial cleanliness. Additional preconditioning is optional.
- **Multiple fitting options for ease of installation**  
Standard fitting options include face seal, compression, butt weld and NPT. Special fittings, including tri-clamp (clover) sanitary and flange type, may be available upon request.
- **100% helium leak tested**  
All units are tested to 1x10<sup>-9</sup> atm cc/second.
- **Construction**  
Stainless steel media and hardware.

#### Dimensions



#### Gas flow rate vs Pressure drop



#### PV1-1100 part numbers and ordering information

Part number	Inlet/Outlet Fittings	Filter media/hardware	Length (L)
PV1-1111	1/4" compression inlet/outlet	All 316L	1.685" (42.8 mm)
PV1-1112	1/4" female NPT	All 316L	2.30" (58.4 mm)
PV1-1115	1/4" male face seal inlet/outlet	All 316L	2.00" (50.8 mm)
PV1-1150	1/4" butt weld inlet/outlet	All 316L	1.88" (47.8 mm)