

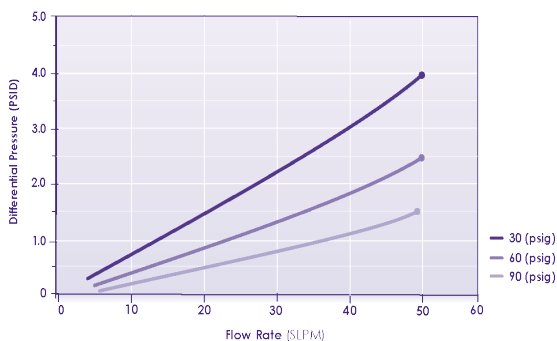
GasPro™ GPUSM

Metal Fiber Media Surface Mount Filter, C-Seal



Porvair's GasPro™ high purity gas filtration products are optimised for the protection of critical valves, pressure regulators, mass flow controllers and other IGS and gas panel components used in microelectronics gas delivery equipment.

GasPro™ cleanroom-packaged compact filters are designed to handle high pressure and high temperature, safeguarding critical components against particle damage.



Specifications

Part number	Flow Rating	Filter rating*	Housing and Filter Material	Connects Info	Filter Overall Length
GPUSM-SF-050-C-18	50 slpm	1.5nm	316L Stainless Steel	1.125" C-Seal	3" (76mm)

GasPro™ Surface Mount Filter Specification

All GasPro™ surface mounts have a <10Ra wetted surface finish.

Features and Benefits

- Compact Design**
 Footprint designed to accommodate small IGS tools.
- 100% helium leak tested**
 All units tested to 1x10⁻⁹ atm cc/second.
- Filtration Rating**
 1.5nm
 9 LRV (99.9999999% reduction in particles).
 Confirmed at the most penetrating particle size of 0.08 µm per SEMI F38-0699 test method.
- Robust Construction**
 All Electropolished 316L stainless steel make this design robust in many applications.
- Out of package cleanliness**
 Our GasPro™ GPUSM-1.125 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.