C-seal Sintered Nickel Media Surface Mount Sandwich Filter



GasPro™ TEM-717125

1.125" C-seal Sintered 316L Media Surface Mount Sandwich Filter

GasProTM TEM-717125 is a unique filter for surface mount gas delivery systems, designed to be placed under another component. Placing under a valve or regulator eliminates one substrate and effectively shortens the system and reduces its cost.

Sepcifications

- **Filtration rating**Efficient 3 nm particle retention.
- Maximum operating temperature 200°C (392°F) in inert gas
- Maximum operating pressure
 750 PSI at 250°F (51.7 bar at 121.1C)

Features

 All welded sintered nickel media-316L stainless hardware

Good corrosion resistance; excellent bake-out characteristics for fast dry downs and in-line qualification.

• Electro-polished 316L housing

The filter assemblies have a 15 Ra electropolished 316L stainless steel housing to prevent corrosion and particle formation.

Out of package cleanliness

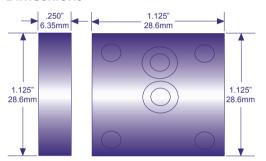
Our GasPro™ TEM-717125 filters are cleaned and packaged in a cleanroom with organic free handling for out-of-package, particle free, and chemical free cleanliness. Final assembly is purged with filtered nitrogen for initial cleanliness. Additional preconditioning is optional.

• 100% helium leak tested

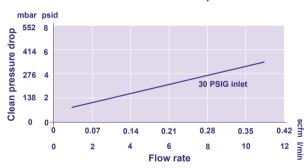
All units are tested to $1x10^{-9}$ atm cc/second.



Dimesnions



Ni Media - Gas flow rate vs Pressure drop



Part Numbers and Ordering Information

Part number	Inlet/outlet fittings	Filter media/hardware
TEM-717125	1.125" C-Seal	Sintered 316L / 316L

PFG944/July 2019/Rev2/Oct2021