

Mini Kleen-Change® Filter Assembly



Description

The Pall Mini Kleen-Change® Filter Assembly is designed for low pressure ultra high purity point-of-use gas filtration applications. The unique all fluoropolymer assembly eliminates metal components and elastomer seals by welding an all fluoropolymer element into an all PFA housing.

- All fluoropolymer element
- No elastomeric seals
- Wide range of chemical compatibility
- Ideally suited for use in corrosive environments/locations
- Eliminates all metal components
- Cleanroom manufactured and packaged
- 100% integrity tested

Specifications

Materials

Molded PFA 440 HP housing and fittings

All fluoropolymer filter element

- Media: PTFE
- Support: FEP bonded PTFE
- Core and endcaps: PFA 440 HP

Removal Rating

- $\geq 0.003 \mu\text{m}$

Filter Area

- $320 \text{ cm}^2/0.344 \text{ ft}^2$

Connections

- Inlet/Outlet
 - $\frac{3}{8}$ " Flaretek,¹ Male/Male
 - $\frac{1}{4}$ " Male Flaretek, Male/Male

Operating Conditions

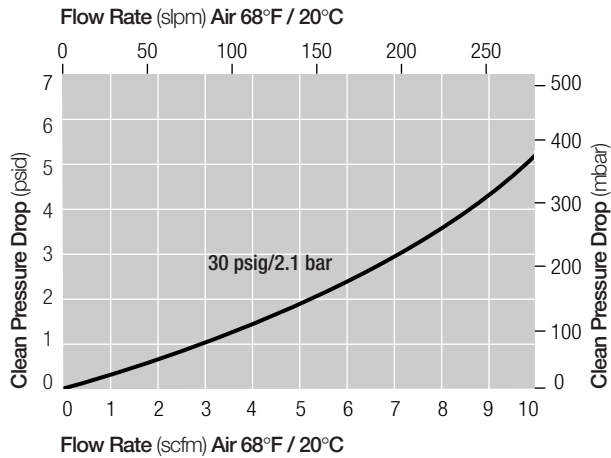
- Maximum Operating Pressure:
 - 60 psig @ 77°F/4.1 bar @ 25°C
 - 30 psig @ 176°F/2 bar @ 80°C
- Maximum Reverse Differential Pressure:
 - 50 psid @ 70°F/3.4 bar @ 21°C

Packaging

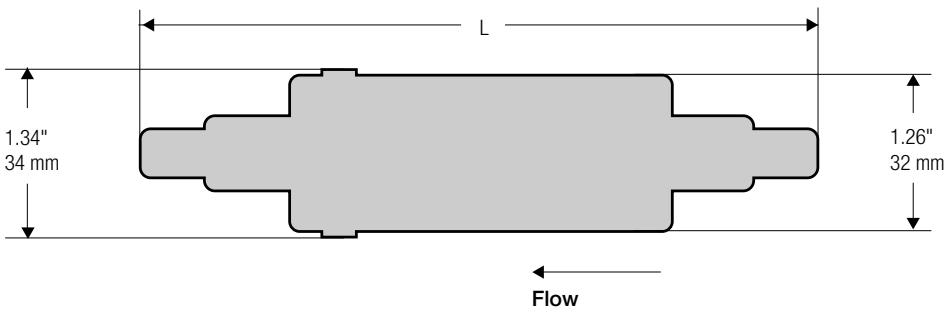
- Double bagged
- N₂ purged

¹Flaretek is a trademark of Entegris

Pressure Drop vs. Gas Flow Rate



Dimensions



Part Numbers/Ordering Information

Part Number	Description	Length (L) (in / mm)
GDF6406E5	3/8" Flaretek, Male Inlet/Outlet	5.34 / 135.7
GDF6404E5	1/4" Flaretek, Male Inlet/Outlet	5.1 / 129.7

Unit conversion: 1 bar = 100 kilopascals



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