

Mini Kleen-Change® Filter Assembly (1.5 nm) (Gas Filtration)



Data Sheet MEMINIKCGEN

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.

Features & Benefits

- 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

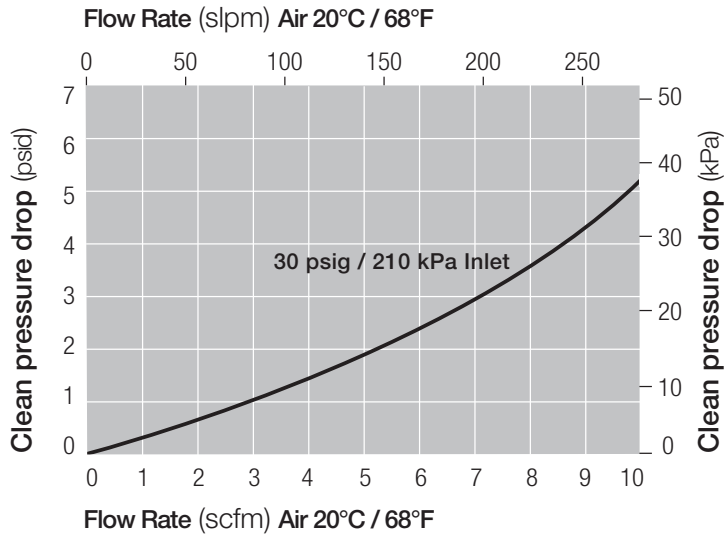
Materials of Construction

Filter Medium	PTFE
Support & Drainage	FEP-bonded PTFE
Shell, Core, and End Caps	PFA
Housing and Fittings	PFA

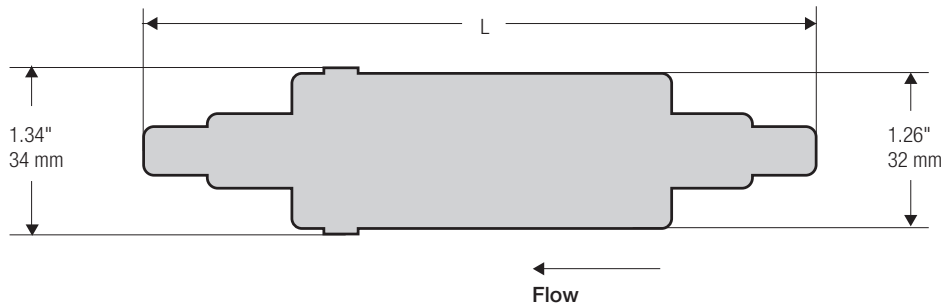
Removal Ratings	≥ 1.5 nm
Filter Areas	320 cm ² / 0.344ft ²
Connections	Inlet / Outlet 3/8" Flaretek ¹ , Male / Male 1/4" Male Flaretek ¹ , Male / Male
Maximum Operating Pressure	0.41 MPa @ 25 °C / 60 psig @ 77 °F 0.20 MPa @ 80 °C / 30 psig @ 176 °F
Maximum Reverse Differential Pressure	0.34 MPa @ 21 °C / 50 psid @ 70 °F
Packaging	Double bagged N ₂ purged

¹ Flaretek is a trademark of Entegris

Pressure Drop vs. Gas Flow Rate



Dimensions



Part Numbers / Ordering Information

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

Unit conversion: 1 bar = 100 kilopascals