

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



Data Sheet MEMKCGEN

## Description

The Micro Kleen-Change® gas Filter Assembly is designed for low pressure ultra high purity, point-of-use gas applications. The 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 metal components
- Cleanroom manufactured and packaged
- 100% integrity tested



## Specifications

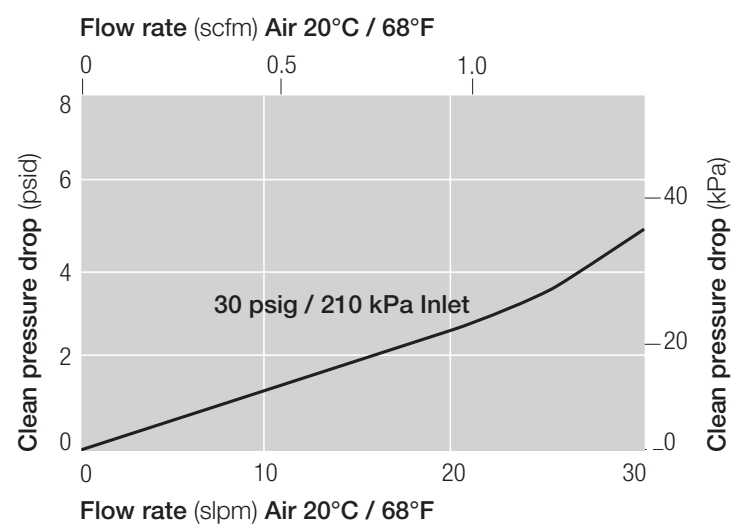
### Materials of Construction

Filter Medium	PTFE
Support & Drainage	PFA
Shell, Core, and End Caps	PFA440HP

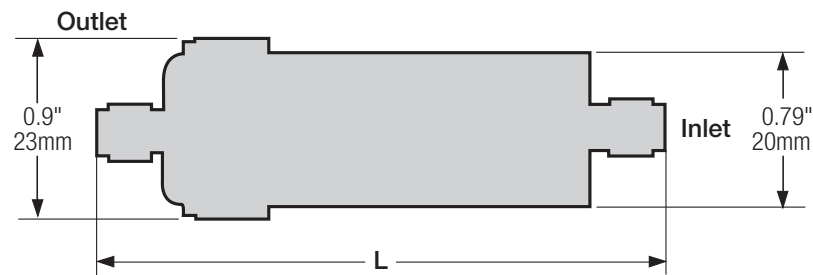
Removal Ratings		≥ 1.5 nm
Filter Areas		13.5 cm² / 2.1 in²
Connections	Inlet / Outlet	1/8" Swagelok <sup>1</sup> Male / Male
Maximum Operating Pressure		0.4 MPa @ 25 °C / 58 psid @ 77 °F
Packaging		Double bagged
		N <sub>2</sub> purged
Recommended Applications		Low pressure nitrogen
		Lithography track tools

<sup>1</sup> Swagelok is a registered trademark of Swagelok Co.

Pressure Drop vs. Gas Flow Rate



Dimensions



Part Numbers / Ordering Information

Part Number	Description	Length
GDF3101SW2	1/8" Swagelok fitting, Male inlet / outlet	73 mm / 2.9 in

Unit conversion: 1 bar = 100 kilopascals