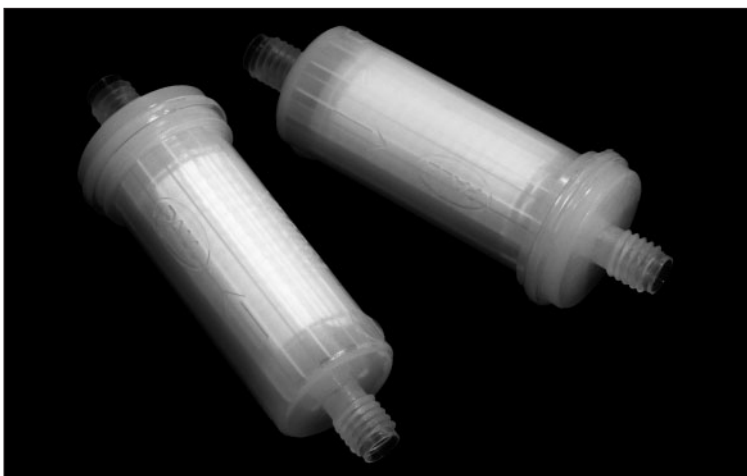


# Micro Kleen-Change® Filter Assembly



## 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.

- 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

## Recommended Applications

- Low pressure nitrogen
- Lithography track tools

## Specifications

### Materials

- Media: PTFE
- Shell, core, and end caps: PFA440HP

### Removal Ratings

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

### Filter Area

- $13.5 \text{ cm}^2 / 2.1 \text{ in}^2$

### Connections: Inlet/Outlet

- $\frac{1}{8}$ " Swagelok,<sup>1</sup> Male/Male

## Operating Conditions

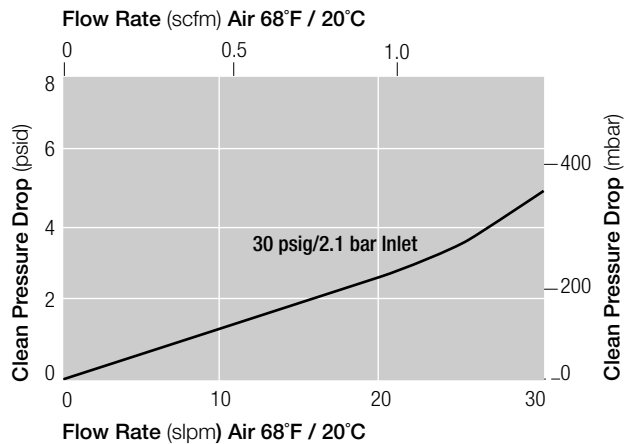
- Maximum operating pressure: 58 psi @ 77°F / 4 bar @ 25°C

## Packaging

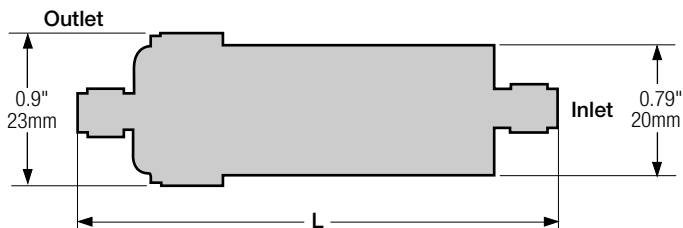
- Double bagged
- N<sub>2</sub> purged

<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 (L) (in / mm)
GDF3101SW2	1/8" Swagelok fitting, Male inlet/outlet	2.9 / 73

Unit conversion: 1 bar = 100 kilopascals



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