

## Mini Gaskleen® 3400 Series Filter Assemblies

### Description

The Mini Gaskleen filter assembly is designed for high-purity point-of-use gas filtration applications.

### Features & Benefits

- 316L stainless steel electropolished housing
- All-fluoropolymer element
- Wide range of chemical compatibility
- High temperature and pressure capabilities
- Compact size for ease of installation
- 100% integrity tested
- Cleanroom-manufactured and packaged
- 100% helium leak tested
- Bulk packaged in quantities of 24 pcs.—reduces packaging waste



### Specifications

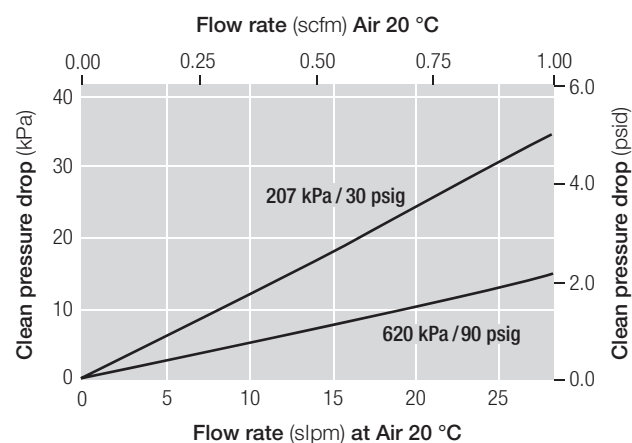
#### Materials of Construction

Components	Materials
Filter Medium	PTFE
Core	PFA
O-ring	FEP encapsulated fluorocarbon
Internal Surface Finish	$\leq 0.50 \mu\text{m}$ / $20 \mu\text{in Ra}$
Housing	Electropolished 316L stainless steel Housing material meets or exceeds VIM / VAR specifications. EU pressure equipment directive: Assemblies have been evaluated and designed using SEP per the European Union's Pressure Equipment Directive 2014/68/EU and are not CE marked.

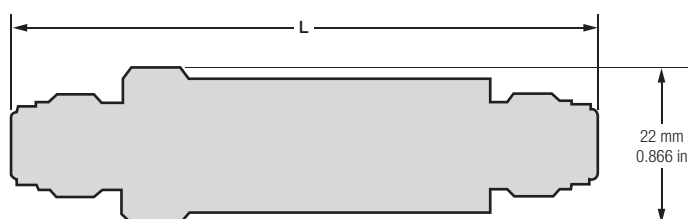
Removal Rating	$\geq 3 \text{ nm}$
Connections	<ul style="list-style-type: none"> <li>• <math>1/4</math> in gasket seal (VCR<sup>1</sup> or compatible)</li> <li>• <math>1/4</math> in compression seal (Swagelok<sup>1</sup> or compatible)</li> </ul>
Leak Rating	100% helium leak tested to $10^{-9} \text{ atm cm}^3/\text{sec}$ Design validated to $10^{-11} \text{ atm cm}^3/\text{sec}$
Maximum Operating Pressure	20.7 MPa @ 121 °C / 3000 psig @ 250 °F
Maximum Forward Differential Pressure	0.55 MPa @ 21 °C / 80 psid @ 70 °F
Maximum Reverse Differential Pressure	0.34 MPa @ 21 °C / 50 psid @ 70 °F

<sup>1</sup> VCR and Swagelok are registered trademarks of Swagelok Company.

## Pressure Drop vs. Gas Flow Rate



## Nominal Dimensions



## Part Numbers / Ordering Information

Part Number	Description	Nominal Length (L) (mm / in)
GLFPF3400VMM4SB24	1/4 in Gasket Seal (VCR or compatible) male / male	84 / 3.31
GLFPF3400SM4SB24	1/4 in Compression Seal, male inlet / outlet (Swagelok compatible)	73 / 2.88



**Pall Corporation**

### Microelectronics

25 Harbor Park Drive  
Port Washington, NY 11050  
+1 800 360 7255 toll free US  
+1 516 484 3600 telephone  
+1 516 801 9711 fax

### Nihon Pall Ltd.

6-5-1, Nishishinjuku,  
Shinjuku-ku  
Tokyo 163-1325 Japan  
+81 3 6901 5700 telephone  
+81 3 5322 2109 fax

### Visit us on the Web at [microelectronics.pall.com](http://microelectronics.pall.com)

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