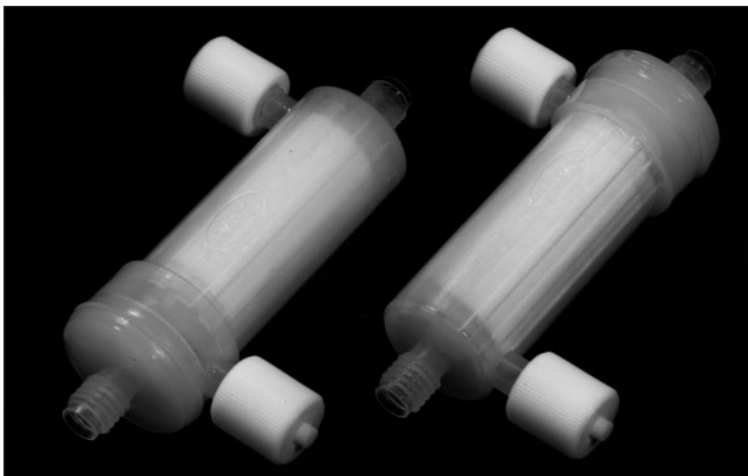


Micro Kleen-Change® Filter Assembly



Description

The Micro Kleen-Change filter assembly is designed for small scale dispense applications where low hold-up volume and cleanliness are critical. The low hold-up volume is ensured by the very small footprint. Cleanliness and compatibility are ensured by the all fluoropolymer construction.

- Low hold-up volume
- All fluoropolymer construction
- No elastomeric seals
- Cleanroom manufactured

Specifications

Materials

- Medium: PTFE
- Support & Drainage: PFA
- Shell, core, and end caps: PFA440HP

Removal Ratings

- 0.05 μm , 0.1 μm

Filter Area

- 100 cm^2 / 15.5 in^2

Connections: Inlet/Outlet, Vent/Drain

- $\frac{1}{8}$ " Swagelok¹ / $\frac{1}{8}$ " Swagelok

Operating Conditions

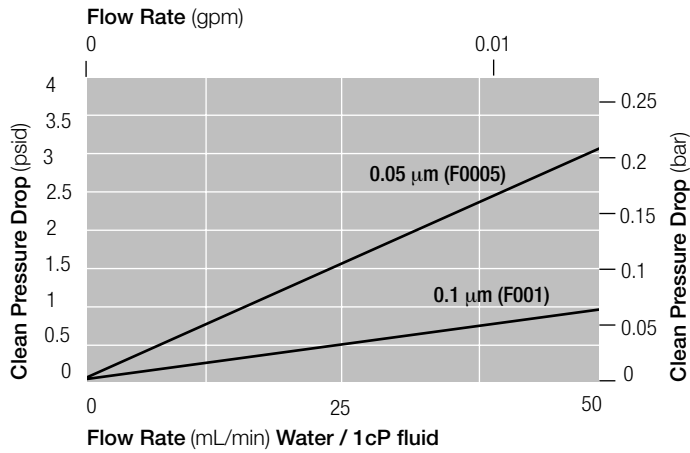
- Maximum operating pressure:
58 psi @ 77°F / 4 bar @ 25°C
29 psi @ 194°F / 2.0 bar @ 90°C
20 psi @ 248°F / 1.5 bar @ 120°C
- Maximum forward differential pressure:
28 psid @ 68°F / 1.9 bar @ 20°C

Recommended Applications:

- Spin on glass (SOG)
- Hexamethyldisilazane (HMDS)

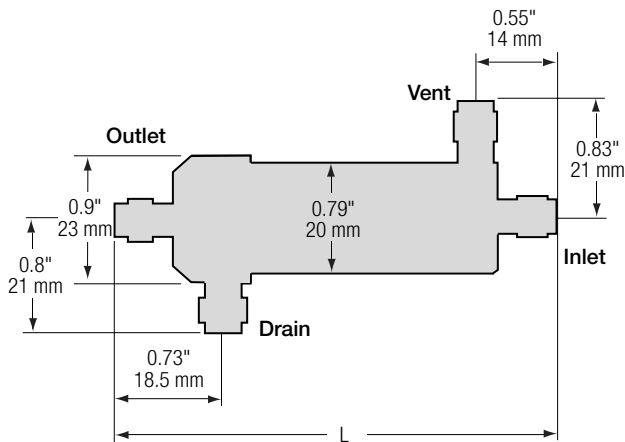
¹ Swagelok is a registered trademark of Swagelok Co.

Pressure Drop vs. Liquid Flow Rate*



* For liquids with viscosity differing from 1cP, multiply the pressure drop by the viscosity in centipoise.

Dimensions



Part Numbers / Ordering Information

Part Number	Removal Rating (μm)	Connection: (In / Out, Vent / Drain)	Length L (in / mm)
LDFN01F001SW22	0.1	1/8" Swagelok, 1/8" Swagelok	3.1 / 78
LDFN01F0005SW22	0.05	1/8" Swagelok, 1/8" Swagelok	3.1 / 78

Unit conversion: 1 bar = 100 kilopascals



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