

Micro Kleen-Change® Filter Assembly



Data Sheet MEMKCN

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 holdup volume is ensured by the very small footprint. Cleanliness and compatibility are ensured by the all fluoropolymer construction.

Features & Benefits

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



Specifications

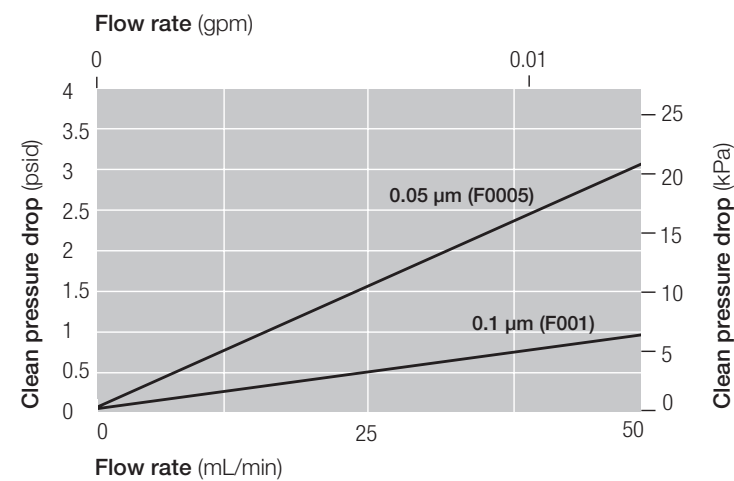
Materials of Construction

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

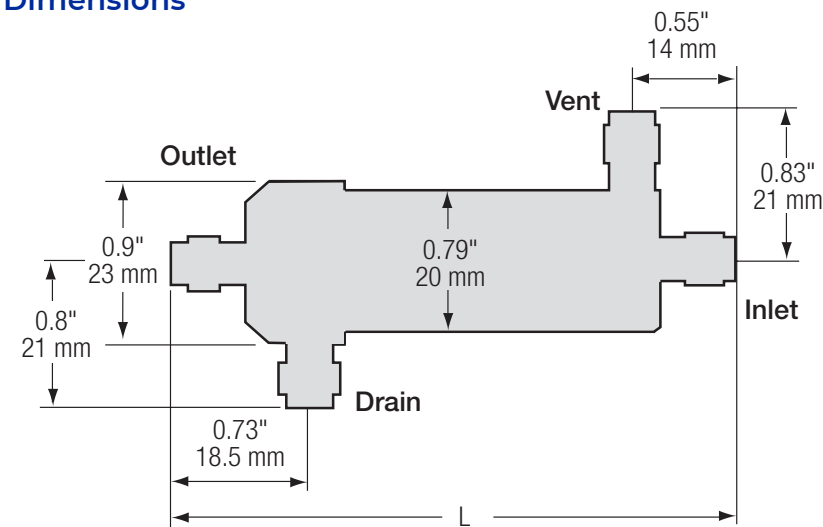
Removal Ratings	0.05 µm , 0.1 µm
Filter Areas	100 cm ² / 15.5 in ²
Connections	Inlet / Outlet Vent / Drain
	1/8" Swagelok ¹ / 1/8" Swagelok
Maximum Operating Pressure	0.40 MPaG @ 25 °C / 58 psig @ 77 °F 0.20 MPaG @ 90 °C / 29 psig @ 194 °F 0.15 MPaG @ 120 °C / 20 psig @ 248 °F
Maximum Forward Differential Pressure	0.19 MPad @ 20 °C / 28 psid @ 68 °F
Recommended Applications	Spin on glass (SOG) Hexamethyldisilazane (HMDS)

¹ Swagelok is a registered trademark of Swagelok Co.

Typical Flow Characteristics - 1cP fluid, 20 °C



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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