PFA In-Line Filter Holders

- **Superior chemical compatibility** – can be used with chemically aggressive liquids
- **Dual support screens** allow for flow in either direction
- **Exterior locking ring** for quick assembly without tearing the membrane
- Used by membrane filter only



PFA 25, PFA 47

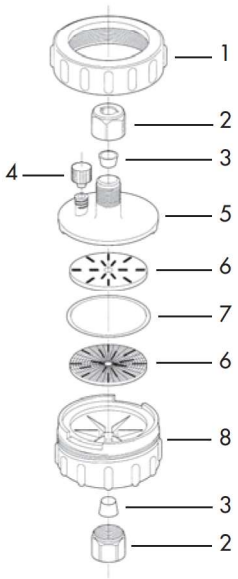
APPLICATIONS

- Sterilize and ultraclean liquids under positive pressure
- Ideal for filtering small volumes of high purity acids, alkalis or organic solvents

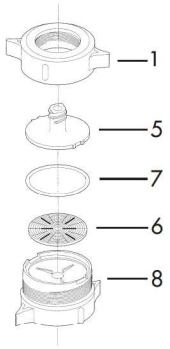
Note: PFA 47 unit has an air/bleed vent

SPECIFICATIONS

	PFA 25	PFA 47
Materials:		
Body and support screen	PFA Locking ring on PFA 47: ETFE glass fiber filled PFA	
O-ring (standard)	Perfluoroelastomer	
Connections:		
Inlet	Female Luer-Lock	Combination 1/4" NPTM, 1/4" tubing adapter
Outlet	Male Luer slip	
Pressure:		
Maximum operating	0.29 MPa (42 psi)	
Temperature:		
Maximum operating	121°C (250°F)	
Autoclave	121°C (250°F), 15 min	
Weight:	0.8 oz (22g)	5.2 oz (120g)
Dimensions:		
Diameter	32 mm (1.3")	65 mm (2.6")
Height	32 mm (1.3")	70 mm (2.8")
Membrane Compatibility:		
Filter size	25 mm	47 mm
Prefilter size	21 mm	42 mm
Filtration area	3.5 cm^2	13.5 cm^2
Flow Rate:		
Pore size (PTFE membrane)	Typical methanol flow rate at 1 kg/cm^2, 20°C	
0.2 µm (T020)	60 mL/min	400 mL/min
0.5 µm (T050)	150 mL/min	700 mL/min
1.0 µm (T100)	350 mL/min	1200 mL/min



PFA 47



PFA 25

ORDERING INFORMATION

Model	PFA 25	PFA 47
Catalog No.	43307010	43307020

Replacement Parts

		PFA 25	PFA 47
1	Locking ring	44530201	44530101
2	Inlet/Outlet adapter	-	44530111
3	Tubing adapter	-	44530110
4	Vent cap	-	44530105
5	Inlet cap	44530202	44530102
6	Support screen	44530204	44530104
7	Inlet O-ring	44530206	44530106
8	Outlet	44530203	44530103