

LiquiPro™ FG

Gas Cartridge Filters



LiquiPro™ FG is designed to remove particles from process and bulk gas filtration for flow rates up to 7000slpm (247scfm) per 10-inch cartridge filter. Made of high quality PTFE media with low pressure drop, high flow rate and long service life.

Features and Benefits

- Proprietary expanded PTFE media used within the LiquiPro™ FG filter ensures a high-purity gas filter with a large surface area to ensure high flow rate and high dirt-holding capacity.
- Certificate of quality enclosed with each product lot for quality assurance that ensures filter-to-filter and lot-to-lot performance.
- Manufactured in a facility with class 1000 and 100 clean room with ISO9000 certification to ensure high-purity performance.

Typical Applications

- Flat panel manufacturing CDA, bulk and process gas applications.
- Ultra-high-purity tank venting (to ensure sterility or contamination control).
- Advanced wafer level packaging.
- Photovoltaic water, chemical and gas applications.
- Data storage industries.

Performance Specifications

Pore size rating

0.003, 0.01, 0.02, 0.1, 0.2µm

Maximum differential pressure:

4.1 bard (69.69 psid) @ 20°C (68°F)

2.75 bard (39.83 psid) @ 60°C (140°F)

Compatibility and purity

Filters do not use any binders, surfactants and adhesives for broad usage compatibilities. Only 100% high purity virgin polypropylene is used.

Materials of construction

Filter media:	PTFE membrane
Support:	Polypropylene / PFA
End caps:	Polypropylene / PFA
Core, cage:	Polypropylene / PFA
O-rings:	EPDM, FKM and E-FKM
Gasket:	PTFE

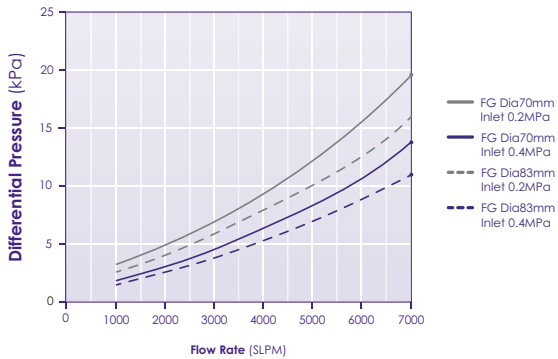
Recommended change-out differential pressure

1 bard (14.5 psid)

Maximum operating temperature

70°C (158°F)

Flow Rates: LiquiPro™ FG



Element Dimensions

Length	Code A/K	Code M	
10"	Code A = 266mm +/-2	254mm +/-2	Default - Customer to specify length
20"	Code A = 512mm +/-4	508mm +/-2	Default - Customer to specify length
10"	Code K = 266mm +/-2	-	

Ordering Information: LiquiPro™ FG

To form a part number, please choose one option from each column below.

Product Code: **1** **2** **3** **4** **5** **FG0003AG10**

Product Name		Micron Rating		Adaptor code		Seals		Length	
FG	LiquiPro FG PTFE / PP	0003	0.003µm	A	222 / flat	G	FEP Encap Silicone	10	10"
FGAT	LiquiPro FGAT PTFE / PFA	001	0.01µm	B	226 / fin	K	FFKM	20	20"
		002	0.02µm	C	222 / fin	T	E-FKM		
		010	0.1µm	K	226 / flat	J	PTFE Gasket (Code M)		
		020	0.2µm	M	DOE				