

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.
- Reuse, Reduce, Recycle. Customer may return LiquiPro™ FG for sterilization by autoclave at 121°C and re-used up to 20 times. For filter sterilization request a certificate of decontamination must be completed and signed off by the customer.
 - Only for CDA, bulk and inert gas filters
 - MOQ 25-100pcs preferred
 - Additional flow-DP check service may be requested
- 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

0.01, 0.02, 0.1, 0.2, 0.5, 1.0, 5.0 and 10.0 µm

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

End caps, core, cage: Polypropylene

O-rings: EPDM, FKM and E-FKM

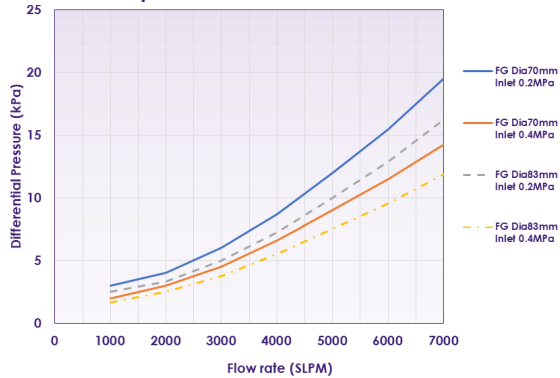
Recommended change-out differential pressure

1 bard (14.5 psid)

Maximum operating temperature

70°C (158°F)

Flow Rates: LiquiPro™ FG



Ordering Information: LiquiPro™ FG

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

Product Name	Micron Rating	Adaptors	Seals	Cleanliness	Length	Key Option
FG : LiquiPro™ FG	001: 0.01 µm	A : 222/flat	E: EPDM	- : N/A	10: 10in	- : N/A
	002: 0.02 µm	K: 226/flat	T: E-FKM		20: 20in	
	010: 0.1 µm	M: DOE†	V: FKM			
	020: 0.2µm					

Diameter	Code-A	Code-M
10in	Code A = 264 mm +/- 2	Code M 254 mm +/- 2 default. 250 mm avail. customer to specify length.
20in	Code A = 512 mm +/- 4	Code M = 508 mm +/- 4 default. 500mm, 504 mm avail. Customer to specify length
10in	Code K = 240 mm +/- 2	

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