

LPPF Series PP Cartridge Filter

Provide higher throughput and better removal efficiency in pharmaceutical applications

LPPF series PP cartridge filters are optimized for a wide range of prefiltration applications enabling efficient removal of particulates and colloidal contaminants. Optimized form factor with progressively polypropylene (PP) materials provides higher particle removal efficiency and better throughput in pharmaceutical applications.

Note: These filters are not available for North America and Europe. Please reach out to our specialists for other product recommendation for your applications.



Higher throughput for demanding liquid applications

APPLICATIONS

- Prefiltration for LVP/SVP production
- Particle removal for API production
- Clarification for vaccines

FEATURES & BENEFITS

All components meet USP<87><88>, 21 CFR and commission regulation for food contact materials	Provides biosafety insurance and global regulatory compliance
Optimized form factor with progressively polypropylene (PP) materials	Better throughput and higher particle removal efficiency in demanding liquid applications
All polypropylene construction	Provides excellent chemical compatibility, allowing use in a broad range of applications

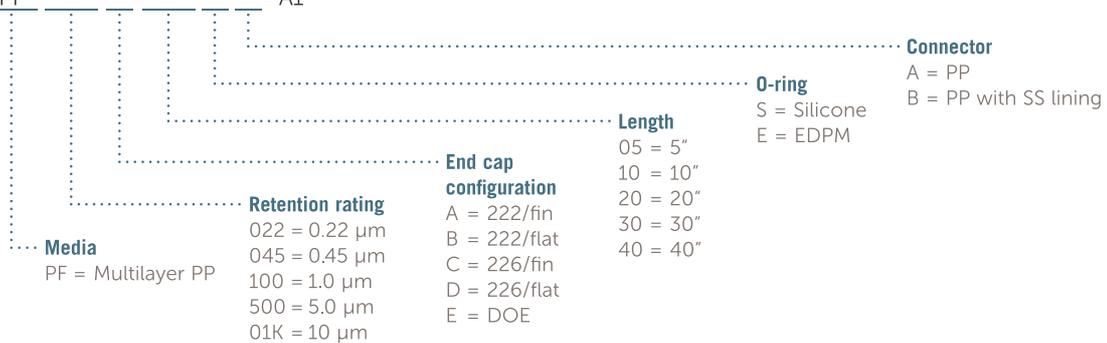
SPECIFICATIONS

Materials of construction	Media	Polypropylene
	Support	Polypropylene
	Core and Cage	Polypropylene
	End Caps	Polypropylene or Polypropylene with stainless steel (SS) lining
	O-rings/Gasket	Silicone/EPDM (Other material on request)
	Sealing technology	Thermal bonding, no adhesives
Dimensions	Diameter	Ø68 mm
	Length	5", 10", 20", 30", 40"
Filtration area	≥2.1 – 3.2 ft ² per 10" cartridge	
Retention rating	0.22, 0.45, 1.0, 5.0, 10 µm	
Maximum differential pressure	Forward: 4.2 bar @ 25°C (77°F), 2.0 bar @ 60°C (140°F)	
Multiple sterilization cycles	May be autoclaved for maximum 20 cycles at 127°C (261°F), 30 min	
	May be sanitized by hot water, maximum 30 cycles at 85°C (185°F)	
Food contact material	All components meet the requirements of (EC) No 1935/2004	
Indirect food additive	All components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182	
Quality	Manufactured in accordance with ISO 9001 and ISO 13485 certified quality management system	

ORDERING INFORMATION

LPPF Series PP Cartridge Filter: part number

LP PF - A1



FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

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