

# LPAP Series PP Cartridge Filter

*Provide higher particle removal efficiency and better throughput in pharmaceutical applications*

LPAP 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.

## APPLICATIONS

- Prefiltration for chemical intermediates
- Particle removal for API production
- Prefiltration for LVP/SVP production

## FEATURES & BENEFITS

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



*Higher particle removal efficiency for liquid applications*

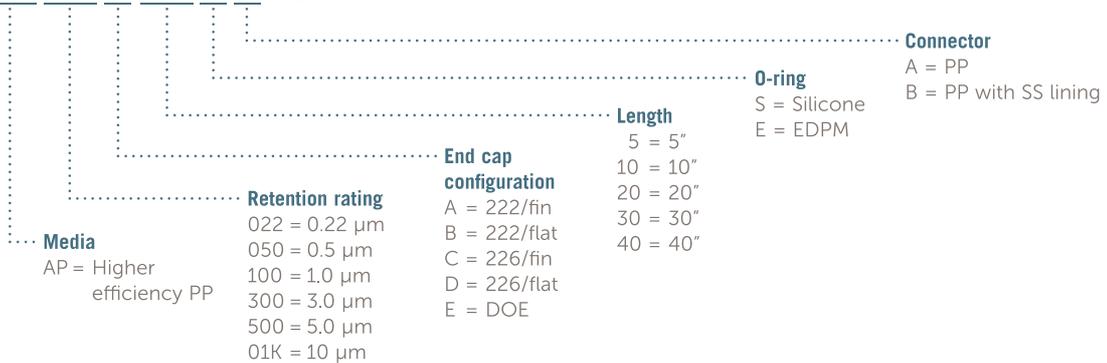
## SPECIFICATIONS

<b>Materials of construction</b>	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
<b>Dimensions</b>	Diameter	Ø68 mm
	Length	5", 10", 20", 30", 40"
<b>Filtration area</b>	≥2.1 – 3.2 ft <sup>2</sup> per 10" cartridge	
<b>Retention rating</b>	0.22, 0.5, 1.0, 3.0, 5.0, 10 µm	
<b>Maximum differential pressure</b>	Forward:	4.2 bar @ 25°C (77°F), 2.0 bar @ 60°C (140°F)
<b>Multiple sterilization cycles</b>	May be autoclaved for maximum 20 cycles at 127°C (261°F), 30 min	
	May be sanitized by hot water, maximum 30 cycles 85° C (185°F)	
<b>Food contact material</b>	All components meet the requirements of (EC) No 1935/2004	
<b>Indirect food additive</b>	All components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182	
<b>Quality</b>	Manufactured in accordance with ISO 9001 and ISO 13485 certified quality management system	

## ORDERING INFORMATION

LPAP Series PP Cartridge Filter: part number

LP AP \_\_\_\_\_ - A1



#### FOR MORE INFORMATION

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