



## FPP Series

# PP Spun Filter Cartridges with Cavity Surface

### Description

FPP Series PP Spun Filter Cartridges with Cavity Surface are designed to satisfy the market requirement for high-grade PP spun filter cartridges with exceptional dirt holding capability and good performance. Beside the normal advantage of PP spun filters, the cavity surface structure of pp spun cartridges provides longer service life, higher efficiency and lower pressure drop. The surface pores structure of spun filter cartridges spreads water flow to reduce pressure drop, increases the capacity of particle filtration, thus having more value for industrial fluid processing.



### Features

- PP spun cartridges have absolute filtration rating from 1 to 100 micron
- High strength & pressure resistance, stable structure and no fiber released
- Surface pore structure lead to lower pressure drop and higher filtering efficiency
- Made of 100% FDA grade Polypropylene material, no binders, additives and lubricants
- Special process and types of adapters could be connected, easy to installed in standard housings
- 100% PP spun filters have broad chemical compatibility, widely used for many industrial fluid processing

### Specification

<b>Filter Media</b>	Polypropylene
<b>Filter Surface</b>	Cavity treatment
<b>Length</b>	5", 9.75", 9.8", 10", 20", 30", 40", 50"
<b>Inside Diameter</b>	28mm, 30mm
<b>Outside Diameter</b>	2.5" (63mm), 2.55" (65mm)
<b>Filtration Rating</b>	1µm, 3µm, 5µm, 10µm, 25µm, 50µm, 75µm, 100µm
<b>Gasket/O-ring</b>	Silicone, EPDM, Viton, Buna-N
<b>End Cap Type</b>	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin

### Application

- Semiconductors
- Food & Beverage
- Chemical Industry
- Electronic Industry
- Oil Water Separation
- Cooling Water System
- Petrochemical Industry
- Industrial Water Treatment

### Operation Data

<b>Max. Operating Temperature</b>	80°C
<b>Max. Differential Pressure</b>	1.2kg/cm <sup>2</sup> at 80°C 2.1kg/cm <sup>2</sup> at 60°C 4.2kg/cm <sup>2</sup> at 20°C
<b>Liquid Flow Direction</b>	Outside to inside
<b>Recommend Change out Differential Pressure</b>	2.1 kg/cm <sup>2</sup>

### End Cap Type



### Order Information

FPP	ID	OD	Micron Rating	Length	End Cap	Gasket/O-ring	
FPP Series PP Melt Blown Filters with Cavity Surface	A = 28mm	M = 63mm	1 = 1µm	5 = 5"	D = DOE	S = Silicone	
			3 = 3µm	9.75 = 9.75"	T = 222/Flat (SOE)	E = EPDM	
			5 = 5µm	9.8 = 9.8"			
	B = 30mm	F = 65mm	10 = 10µm	10 = 10"	O = 222/Fin (SOE)	V = Viton	
			25 = 25µm	20 = 20"	P = 226/Flat (SOE)		
			50 = 50µm	30 = 30"			L = 226/Fin (SOE)
			75 = 75µm	40 = 40"	U = Buna-N		
				100 = 100µm	50 = 50"		

For Example:

FPP-A-M-10-20-D

FPP Series PP Spun Filter Cartridges -28mm - 63mm - 10µm - 20" - DOE

Special PP Spun Filter Cartridges can be customized, such as special ID, OD, end caps etc.

