



GPP Series

Grooved PP Melt Blown Filter Cartridges

Description

GPP Series Grooved PP Melt Blown Filter Cartridge is manufactured with advanced thermally bonded depth filtration through technological innovation. The rigid extrusion bonded technology for grooved PP melt blown filters provide more premium features than smooth-surface PP filter cartridges. Grooved surface structure increases surface area of grooved PP melt blown cartridges for extended filter life and higher dirt holding capacity. Rigid construction of grooved PP filters are made of 100% FDA approved PP material with strong pressure-resisting ability and consistent particle removal efficiency. Grooved PP melt blown filters not only meet some crucial industrial applications, but also significantly reduce the filtration cost.



Features

- High particle removal efficiencies at high flow rates
- Longer service life and fewer change-out to save some costs
- Grooved design leads to low initial pressure drop for enhanced flow rate
- End caps of grooved PP filters are available to meet most of filter housings
- 100% FDA approved high-class polypropylene material, no binders, additives and lubricants
- Harder structure contributes to greater ability to work under pressure than normal pp melt blown filters

Specification

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

Application

- Pharmaceuticals
- Food & Beverage
- Electronic Industry
- Petrochemical Process
- Process Cooling Water
- Industry Water Treatment
- Pre-filtration In Waterflood

Operation Data

Max. Operating Temperature	60°C (140°F)
Max. Differential Pressure	3.0 bar at 27°C (43 psi at 80°F) 2.0 bar at 60°C (29 psi at 140°F) 1.0 bar at 60°C (14 psi at 140°F)
Liquid Flow Direction	Outside to inside
Recommend Change out Differential Pressure	2.5 bar

End Cap Type



Order Information

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

For Example:

GPP-B-F-5-20-O-S

GPP Series Grooved PP Melt Blown Filter Cartridges - 30mm - 65mm - 5µm - 20" - 222/Fin(SOE) - Silicone

Special specifications Grooved PP Melt Blown Filter Cartridges can be customized, such as special ID, OD, end caps etc.

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