

# PP Melt Blown Filter Cartridge



## General Description

PP Melt Blown Filter Cartridge is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. As the fiber and density form high filtration rating and pollutants holding capacity on diameter of filter cartridge, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life.

## Applications

- Drinking Water Treatment
- Electronic
- Industrial Water Treatment
- Plating
- Chemicals, solvents

## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life.
- Formed by thermal bond without using any binders and adhesives.
- 100% Pure Polypropylene will not cause any pollution to water.
- Wide Chemical compatibility
- Groove design to extend the filtration surface area.
- All kinds of adaptors are available.

## Specifications

### Dimensions

- Outside Diameter: 63mm, 115mm or up to customers' request
- Inside Diameter: 28mm, 30mm
- Length: 9.75", 9.87", 10", 20", 30", 40", 50", 60"

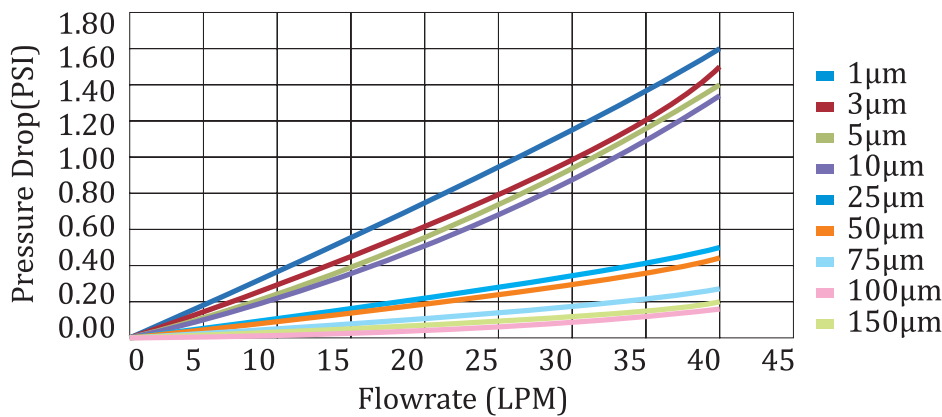
### Material Of Constructions

- Filter media: PP
- End caps: PP
- Cores: PP
- Gaskets/O-ring: Silicone, EPDM, NBR, Viton

Performance:

- Removal Rating: 1,3,5,10,25,50,75,100,150µm
- Maximum Differential Pressure: 2.0 Bar @ 21 °C
- Maximum Operating Temperature: 82 °C

Pressure Drop vs. Flowrate @ 20°C



## Part Numbers / Ordering Information

Darby PP Melt Blown Filter Cartridge P/N:  
DLPP-X\*-#-#-#-#-#-#(e.g., DLPPMG-5-10-M-S)

CodeX	Surface Type	Code=	Removal Rating	Code#	Length	Code+	End Cap Type		
Blank	No Groove	1	1µm	975	9.75"(248mm)	Blank	DOE(NO End Caps)		
G	Deep Groove	3	3µm	987	9.87"(250mm)	F	DOE(Gasket /Gasket)		
MG	Mini Groove	5	5µm	10	10"(254mm)	M	222/Flat		
Code*	Outside Diameter	10	10µm	20	20"(508mm)	P	222/Fin		
		25	25µm	30	30"(762mm)	T	226/Flat		
Blank	2.5"(63mm)	50	50µm	40	40"(1016mm)	Q	226/Fin		
BB	4.5"(115mm)	75	75µm	50	50"(1270mm)	Code&	Seal Material		
		100	100µm	60	60"(1524mm)			S	Silicone
		150	150µm					E	EPDM
						B	NBR		
						V	Viton		