

Melt blow filter cartridge LT-PPBB

In general

LT-PPBB melt blow cartridges are manufactured by three different pore diameters of spray nozzles and a combination of the different continuous filaments to a multi-layer structure. The three-layer structure PP depth cartridge is functioned with fine fibers in inner layer and coarse fibers in the outer layer. This constitutes three different pore diameters in order to filtrate particles in the different layers. This design has high contaminant holding capacity. Therefore, the filter has a longer service life and lower pressure drop.

Features

- Three layers structure cartridge
- 100% PP compatibility with a wide range of process fluids
- Formed by thermal bond without use of any binders and adhesives
- High capacity of dust loading and long service time
- Low pressure drop
- FDA conformity, free of silicone and other types of contamination
- Reinforced version with PP-core available



Applications

Please check the chemical resistance against your fluid as well as the applicability for your application before usage:

- Electroplating, etching and image development processes in PCB industry
- Filtration of electroplating fluid in conventional electroplating industry
- Pre-filter of DI & RO water filtration system for industry
- Filtration of low viscosity fluids of chemical
- Filtration of water for manufacturing processes and recycled water

Melt-Blow filter cartridge

Technical data

Length**	Inner Ø	Outer Ø	Micron rating	Temperature	Differential pressure*
10" (254mm)	28 mm	63 mm (standard)	0,5 – 100 µm nominal rated (only >1µm for big cartridges)	max. 60°C	max. 2 bar @ <20°C max. 1 bar @ 60°C, max. 4,5 bar for PP-core cartridge Exchange recommended at: 1.5 – 2,0 bar
20" (508mm)					
30" (762mm)		114 mm (big cartridge)			
40" (1016mm)					

*Data may vary depending on specific application and filter element used

**Special lengths available

Ordering information

LT-PPBB - 001 - 10 - F - O - P					
Type	Fineness	Length	Adapter code	Sealing	Core material
LT-PPBB: PP melt blow OD 63mm	0005: 0,5 µm 001: 1 µm 005: 5 µm 010: 10 µm	5: 127 mm 9: 248 mm 10: 254 mm 20: 508 mm	: Double open end F: DOE + PP core 0: Seal/Seal (DOE)	: none (version without PP core) 0: none (version with PP core)	: none P: PP-core
LT-PPBB114: PP melt blow OD 114 mm	020: 20 µm 030: 30 µm 050: 50 µm 075: 75 µm 100: 100 µm	30: 762 mm 40: 1016 mm	2: 226/Flat (SOE) 3: 222/Flat (SOE) 7: 226/Spear (SOE) 8: 222/Spear (SOE).	E: EPDM N: Buna S: Silicone V: Viton	