

Melt blow filter cartridge LT-PPBBH

In general

LT-PPBBH melt blow cartridges are manufactured by different pore diameters of spray nozzles and a combination of the different continuous filaments to a multi-layer structure. The graded 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 filter particles in the different layers. This design has high contaminant holding capacity. Therefore, the filter has a longer service life and lower pressure drop. The inner and outer surface is additionally glazed to prevent fiber release, though the high pore quantity and dirt holding capacity is retained.

Features

- Graded pore structure cartridge
- 100% PP compatibility with a wide range of process fluids
- Formed by thermal bond without use of any binders and adhesives
- Glazed outer and inner surface, fiber release free
- 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
- Food and beverage industry
- 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	1 – 100 µm nominal rated 98% single pass, absolute	max. 70°C	max. 2,5 - 3,5 bar 4,5 bar for PP-core cartridge Exchange recommended at: 2,5 bar
20" (508mm)					
30" (762mm)					
40" (1016mm)					

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

**Special lengths available

Ordering information

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