

Melt blow filter cartridge LT-PPBB140

In general

LT-PPBB 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 structure PP depth cartridge is functioned with fine fibers in inner layer and coarse fibers in the outer layer. This constitutes graded 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. The LT-PPBB140 series cartridges are specially designed for the plastic housing series LT-BFPC-1-140.

Features

- Graded layer structure
- 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
- Single open end design with O-ring
- Suitable for LT-BFPC-1-140



Melt-Blow filter cartridge

Technical data

Length	Inner Ø	Outer Ø	Micron rating	Temperature	Differential pressure	Flow rate
485 mm	52 mm	126 mm	1 – 100 µm nominal rated	max. 60°C	max. 2 bar @ <20°C max. 1 bar @ 60°C Exchange recommended at: 1.5 bar	7 – 11 m³/h

Ordering information

LT-PPBB140 - 001 - E		
Type	Fineness	Sealing
LT-PPBB140	001: 1 µm 005: 5 µm 010: 10 µm 025: 25 µm 050: 50 µm 075: 75 µm 100: 100 µm	E: EPDM N: Buna S: Silicone V: Viton