

Melt blow filter cartridge LT-PPBB700

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 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. The LT-PPBB700 series cartridges are specially designed for the plastic housing series LT-BFPC-1-700.

Features

- Graded layer 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
- Single open end design with double O-ring
- Suitable for LT-BFPC-1-700



Melt-blow filter cartridge

Technical data

Length	Inner Ø	Outer Ø	Micron rating	Temperature	Differential pressure	Flow rate
805 mm	72 mm	152 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	15 – 25 m³/h

Ordering information

LT-PPBB700 - 001 - E		
Type	Fineness	Sealing
LT-PPBB700	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