

## Filter housing LT-BFPP-1-5 / LT-BFPC-1-140

### General

LT-BFPP-1-5 / LT-BFPC-1-140 convertible filter housing is an economical solution for most of the industrial filtration applications. The strong and lightweight filter vessel is resistant to a wide range of chemicals and converts easily from filter bag usage to cartridge filter usage. Diversity of filter bags and of filter elements for LT-BFPP-1-5 / LT-BFPC-1-140 vessels is available.

### Features

- Single bag filter housing suitable for different bag or cartridge types
- Constructed from light weight, 100% polypropylene that is strong and high resistance to a wide range of chemicals
- Made with UV inhibitor for long-lasting, all-weather operation and durability.
- Easy conversion between bag filters and cartridge filters for greater adaptability. Micron rating 1 - 800 available
- Self-seal gaskets ensure the maximum operating pressure.
- LT-BFPP-1-5 fits for all standard size 5 filter bags with unique seal structure. Bypass flow is strictly avoided
- LT-BFPC-1-140 fits for meltblown (LT-PPBB140) or pleated (LT-PPAC140) cartridges with OD 140mm
- Closure by threaded lid
- Sealing: EPDM (standard), Viton
- Bag support basket included

### Applications

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

- Water filtration and purification
- Food & beverage industry
- Chemical industry
- Semiconductor industry



Filter housing LT-BFPP size 5

### Technical data

Type	Filter area	Volume	Max. operating temperature and pressure	Flow rate*
BFPP-1-5	0,25 m <sup>2</sup>	22 Liter	6.0 bar (85PSI) @ 25°C (77°F)	9 - 14 m <sup>3</sup> /h
BFPC-1-140	2,60 m <sup>2</sup> (PPAC) 0,20m <sup>2</sup> (PPBB)	22 Liter	5.5 bar (78PSI) @ 45°C (113°F)	5 - 15 m <sup>3</sup> /h
			5.0 bar (71PSI) @ 60°C (149°F)	

\*Data based on laboratory trial with pure water at ambient temperature and controlled delta p of 0,1 bar. Data may vary depending on specific application and filter bags used.

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### Ordering information

LT-BFPP	- 1 -	5	- B -	20	- B
Type	No. of bags / elements	Size	Connection style	Connection size	Seal
BFPP: bag housing BFPC: cartridge housing	1: 1	5: bag size 5 140: cartridge OD140mm	B: BSP S: flange	20: 2" (BSP) 50: DN50 (flange)	B: Buna

### Drawing

