

Absolute rated high flow microfiber filter cartridge LT-PPAHF

In general

LT-PPAHF filter cartridges are made of pleated polypropylene filter media. The cartridges are coreless and single open ended with an inside to outside flow pattern. The combination of large diameter and big filter area reduces the number of filter cartridges and the dimension of housings required. Respectively the investment and operation costs can be lowered significantly compared to conventional cartridge filter systems.

Features

- 100 % PP for compatibility with a wide range of process fluids
- Especially suitable for high flow applications
- Large filter area provides long service life and high flow rate
- Reduction of filter system investment cost and installation space
- Reduction of service time due to less amount of cartridges as well as easier and quicker exchangeability
- Inside to outside flow direction removes all contaminants inside the cartridge and eliminates the risk of recontamination of downstream piping after exchange.
- Numerous lengths available to meet the different design applications



PP high flow microfiber filter cartridge

Applications

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

- Pre-filtration of RO, pre-treatment of sea water desalination, municipal water, process water
- Condensate water filtration, hot water recovery in power generation

Technical data

Length	Outer Ø	Micron rating	Temperature	Differential pressure	Filter area	Flow rate per 20''*
20" (508mm)	152 mm	1 – 100 µm absolute (99%, β = 100)	max. 80°C	2,1 bar @ 20°C 0,7 bar @ 80°C	~ 3,9 m ²	1-5µm: 14-18 m ³ /h 10-50µm: 18-20 m ³ /h 75-100µm: 20-30 m ³ /h
40" (1016mm)					~ 7,8 m ²	
60" (1524mm)					~ 11,7 m ²	
80" (2032mm)					~ 15,6 m ²	

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

**Special lengths available

Ordering information

LT-PPAHF	-	001	-	20	-	TP	-	E
Type	Fineness		Length		Adapter code		Sealing	
LT-PPAHF	001: 1µm 003: 3µm 005: 5µm 010: 10µm 020: 20µm 050: 50µm 075: 75µm 100: 100µm		20: 508 mm 40: 1016 mm 60: 1524 mm 80: 2032 mm		TP: inside to outside		B: NBR E: EPDM V: Viton S: Silicone	