



PBP-L particle removal large diameter melt blown PP filters

High flow depth filtration of liquids in food, pharmaceutical and industrial applications

PBP-L filters provide reliable and efficient filtration for high flow applications while having an extended service life thanks to its outstanding dirt holding capacity. Its filter media consist of thermally bonded layered fibers with increasing fiber density towards the inner side thus ensuring effective depth filtration. The bonded fibers assure no migration even under pulse conditions.



Key features:

- High flow and low pressure drop through increased void volume
- Graded density for high dirt holding capacity
- Wide chemical compatibility
- Thermally bonded matrix minimizes fiber migration

Applications:

- Filtration of chemicals: paint, resins, ink
- Filtration of potable, cleaning, process and product water (WFI)
- Solvent trap filtration
- Pre-filtration for reverse osmosis

Quality first:

- Manufacturing acc. ISO 9001 in a controlled environment
- Comply with EU Regulation No. 1935/2004
- Materials used meet FDA title 21 and USP Class VI
- Batch traceability

Protecting process, products and people

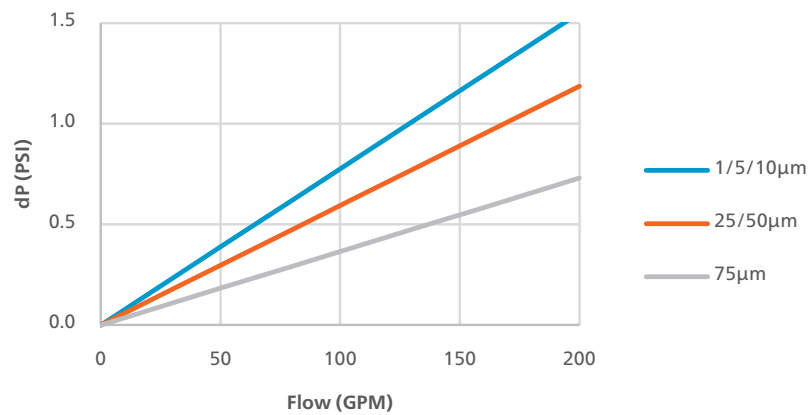
Atlas Copco's process filters optimize your productivity while protecting your process, product and consumers. Our portfolio of cartridges and housings covers all your filtration needs. The products are made from proven, high quality materials from reputable suppliers and manufactured in a controlled environment subjected to strict QA/QC procedures.



Product specifications

Materials of construction	
Filter media	Polypropylene
Support	Polypropylene
Core/Cage	Polypropylene
Dimensions	
Outside diameter	5.98"
Inside diameter	4.49"
Operating conditions	
Max. temperature	176°F
Max. differential pressure forward flow	58 PSI @ 86°F , 14.5 PSI @ 176°F
Recommended change out differential pressure	36 PSI

Flow rate



Note: 40" cartridge tested with water @ 68°F, 1.005 cP (typical flow rate)

Product configuration

Series	Rating	Length
PBP-L	5 µm	20"
	10 µm	40"
	20/30/40 µm	
	50/70/100 µm	

Example: PBP-L 40 µm 20"

