

BIG CAPACITY FILTER

HB1 (Highflow Filter)

HB1 cartridge filter are designed and developed to combines the advantages of depth filters and traditional pleated filters.

Features

- 100% all polypropylene
- Good chemical compatibility
- High particle removal efficiency as absolute rating
- Gel and viscous Liquids remova capability
- High folw rate & Long service life
- Lower filtration costs
- Fixed pore structure



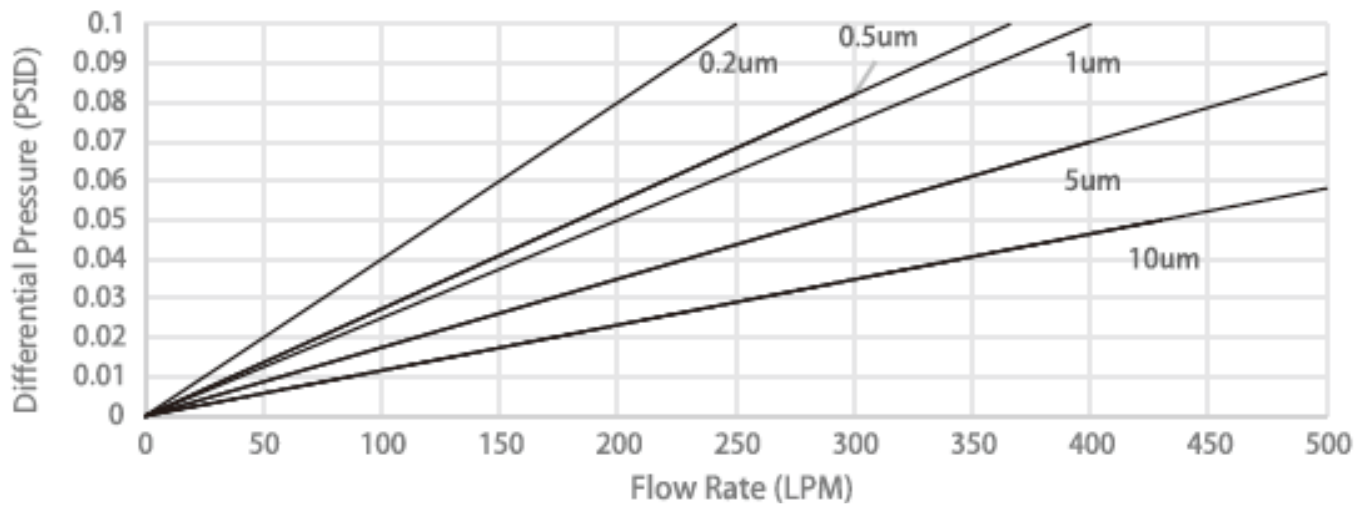
Applications

- General process industry
- Food & Beverage industry
- Film & fiber industry
- Electronic industry
- Chemical / Petrochemical industry
- Pharmaceutical industry

Specification

Dimension & Structure	OD	152 mm
	ID	97 mm
	Length	500mm(20") / 750mm(30") / 1,000mm(40")
Materials of Construction	Media	Polypropylene, PES, PTFE, PP membrane, Fiber glass
	Inner core	PP / Reinforced P.P
	O-Ring&Gasket	NBR / EPDM / Silicone / Viton
	Type	SOE Flat
Operating Conditions	Max. differential pressure	30PSI / 2bar 60°C
		60PSI / 4bar 30°C
	Max.operating temperature	80°C

Pressure Drop (Water Flow Rate) - 40 inch (1,000mm) Cartridge



Liquid Particle Removal Ratings

Pore Size (μm)	$\beta = 5,000$ 99.90%	$\beta = 100$ 99.00%	$\beta = 10$ 90.00%
0.2	< 2.2	< 1.2	< 0.3
0.45	4.6	2.5	< 0.53
1	12	4.1	< 0.9
3	17	7.9	2.95
5	22.95	12	4.8
10	33	16	8.8
30	36.55	36	29.4

Ordering Information



Code-Size	
620	6" x 20"
630	6" x 30"
640	6" x 40"

Code-Micron			
001	0.1	040	4
002	0.2	050	5
004	0.45	100	10
006	0.6	200	20
010	1	300	30
030	3	500	50

Code-Media	
01	Polypropylene
02	PES
03	PTFE

Code-Efficiency	
01	Normal
02	Absolute