

BIG CAPACITY FILTER

HFN (Highflow-N)

HFN 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



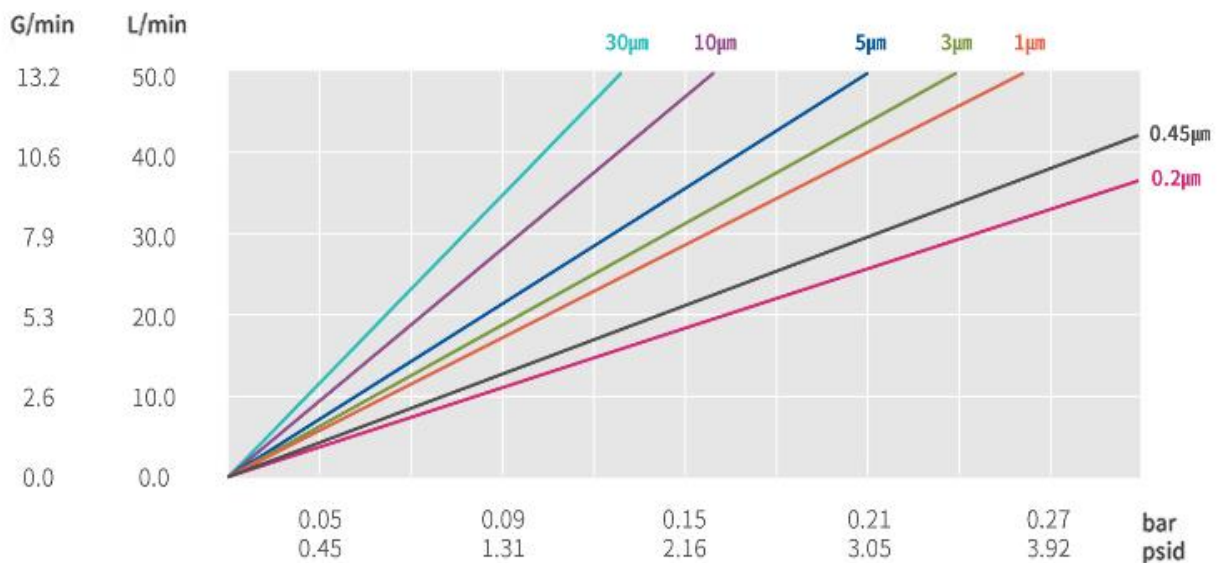
Applications

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

Specification

Dimension & Structure	OD	63.5 / 68 / 152 mm
	ID	28 / 30 / 75 mm
	Length	250mm(10") / 500mm(20") / 750mm(30") / 1,000mm(40")
Materials of Construction	Media	Meltblown polypropylene
	Inner core	PP / Reinforced P.P / High Density P.E
	O-Ring&Gasket	NBR / EPDM / PP / Silicone / EPR / Viton
	Type	DOE / 226 Flat / 222 Flat / 226 Fin / 222 Fin / EO
Operating Conditions	Max. differential pressure	30PSI / 2bar 60°C
		60PSI / 4bar 30°C
	Max.operating temperature	80°C

Pressure Drop (Water Flow Rate) - 10 inch (250mm) Cartridge



Liquid Particle Removal Ratings

Pore Size (μm)	$\beta = 5,000$ 99.90%	$\beta = 100$ 99.00%	$\beta = 10$ 90.00%
0.2	< 1.9	< 0.84	< 0.45
0.45	4	2	< 0.45
1	8	3.5	< 0.8
3	12	7	2.8
5	20	1	4.5
10	27	15	8.5
30	43	31	26

Ordering Information

HFN - - - -

Code-Size	
210	2.5" x 10"
220	2.5" x 20"
230	2.5" x 30"
240	2.5" x 40"
620	6" x 20"
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

Code-Efficiency	
01	Normal
02	Absolute