

HF SERIES

Materials of Construction

Filter Media	Support/Drainage	End Caps	Core	Outside Material
PP Pleated Polypropylene depth structure	Polypropylene	Glass filled polypropylene	Polypropylene	PP Cage (HFPP150 Series)
GF Rein bonded glass fiber /Polyester support	Polyester			PET Net (HF150 Serie)

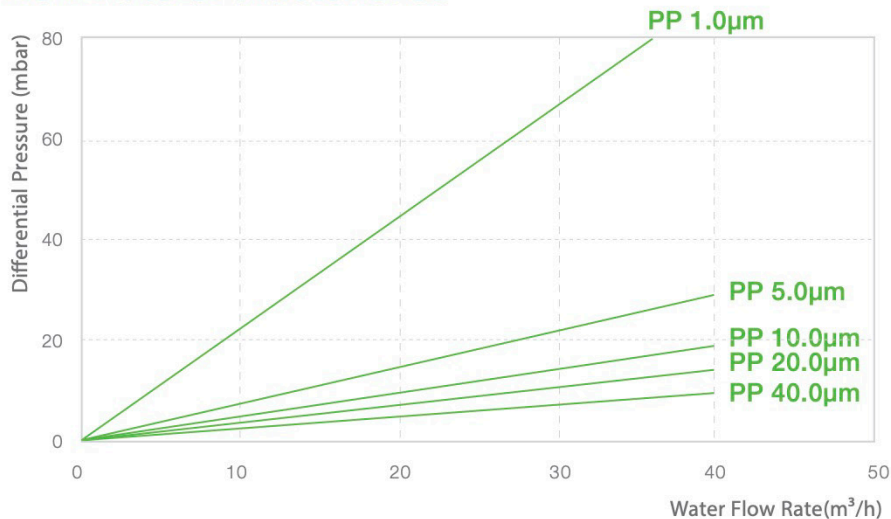
Recommended Operating Conditions

Max. Temperature	PP: 80°C
	GF: 130°C
Max. Pressure	0.40 Mpa/21°C HFPP150 (PP Cage)
	0.38 MPa/21°C HF150 (PET Net)
	0.15 MPa/80°C

Flow Rate

Length	Design Flow Rate	Max Flow Rate
20"	15 m³/h	40 m³/h
40"	30 m³/h	80 m³/h
60"	45 m³/h	114 m³/h

Flow Rate Characteristics



Test Criteria: Single filter (40inch length)cartridge, water at 20°C.

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Retention Ratings

Polypropylene (PP)	1.0, 2.0, 5.0, 10, 20, 40, 70, 90µm
Glass Fiber (GF)	0.8, 1.0, 3.0, 5.0, 15, 25µm

Retention Characteristic

Particle Size	Filtration Efficiency HF150NB						
	PP0.8	PP1.0	PP2.0	PP3.0	PP5.0	PP10.0	PP20.0
≥1µm	99.89%	99.82%	95.00%	86.97%	79.86%	42.23%	24.38%
≥2µm	99.97%	99.87%	98.64%	96.84%	90.09%	70.49%	40.09%
≥5µm	100.00%	99.93%	99.90%	98.86%	98.36%	82.26%	76.66%
≥8µm	100.00%	100.00%	99.97%	99.20%	98.88%	95.25%	82.60%
≥10µm	100.00%	100.00%	100.00%	99.58%	99.39%	98.18%	89.42%
≥12µm	100.00%	100.00%	100.00%	99.78%	99.57%	98.76%	97.41%
≥25µm	100.00%	100.00%	100.00%	100.00%	100.00%	99.34%	99.14%

Remarks: The testing particle is made by mixed solution of standard silica .



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