

HF Series – High Flow Cartridge

Features :

New large, pleated construction design. Inside-out construction, high filtration quality. Up to 40 times higher loading capacity than normal depth filter cartridge. High surface area, less cost. Excellent filtration efficiency, longer service life. Easy cartridge replacement.

Application :

RO Prefiltration | UF Prefiltration | Coolant | Waste Water Treatment | Low Viscosity Chemicals.

Specification :

Material : 100% Polypropylene Filter Medium, support and end cap.
 Micron Rating : 0.04 , 0.2 , 0.45 , 0.65 , 1 , 5 , 10 , 25 , 50 , 75 , 100 μm .
 Length : 508mm (20") , 1016mm (40") , 1524mm (60")
 Diameter : OD152.4mm (6") / ID80mm (3.2")
 Gasket : EPDM (Standard) , Viton , Silicone
 Viton encapsulated Teflon.



Operating Condition

Max. Operating Differential Pressure : 3.5kg/cm² (50 psi) at 25°C
 Max. Operating Temperature : 80°C

Rating	Efficiency		Initial Pressure Drop (kg/cm ²)					
			20" / 508mm		40" / 1016mm		60" / 1524mm	
	90%	99.98%	60 (m ³ / hr)	100 (m ³ / hr)	60 (m ³ / hr)	100 (m ³ / hr)	60 (m ³ / hr)	100 (m ³ / hr)
1	0.45	1.2	0.164	0.215	0.085	0.125	0.045	0.076
5	3.5	5	0.075	0.135	0.038	0.065	0.025	0.046
10	4.5	10	0.063	0.115	0.035	0.051	0.019	0.030
25	16	25	0.042	0.078	0.021	0.035	0.015	0.027
50	38	50	0.028	0.047	0.013	0.023	0.0017	0.0012
75	65	75	0.016	0.028	0.0079	0.014	0.0058	0.0010

Series	Material	Micron rating	Length	Ring
HF	A : PP	0.04 ----- 100 μm	2 : 20"	E : EPDM
	T : Glass fiber		4 : 40"	V : Viton
	P : PES		6 : 60"	T : Teflon
				V : Viton