

HIGHFLOW PLEATED FILTER CARTRIDGE

High Flow filter cartridges are used in a wide variety of applications where high flow rates and long Service life are primary requirements. High Flow filter systems are successfully used around the world, is constructed with a high surface area melt-blown polypropylene media for low initial pressure drop, high dirt holding capacity, and high-efficiency performance.

Features And Benefits

- Multiple pleated layer construction, filtration configuration in-out
- High filtration area up to 9m²
- Wide range chemical compatibility
- Nominally rated with retention ratings between High flow rate up to 113m³/hr (500GPM).
- Inner core for high mechanical strength, outer cage to protect the pleated media, Robust outer cage.
- Wide chemical compatibility.
- End connections to fit all standard housings



APPLICATION:

- Sea water desalination
- Food and Beverages
- Process Water
- Power plant water treatment
- RO Guard Pre-Filtration
- Oil & Chemical
- White Fuels
- Amine, Glycol
- Naphtha, HC Condensate
- Steel mill water treatment

MATERIAL OF CONSTRUCTION

Media:	Polypropylene micro fibre/ Glass Fiber
Support Media:	Polypropylene / Polyester
Inner and Outer Core:	Polypropylene
End caps:	Polypropylene / Glass Filled Polypropylene
Gaskets/O-rings:	Silicone, EPDM, Nitrile, Fluoroelastomers

TECHNICAL SPECIFICATION

Lengths:	80/60/40/20inch
Outside diameter:	Ø 6inch(152mm)
Typical surface Area:	9 m ² @60inch, 6 m ² @40inch
Differential Pressure	Polypropylene 36psid @75°C Glass Fiber 36psi @100°C

ORDERING INFORMATION

ADG-HF + MOC + GRADE + MICRON RATING + LENGTH + END CAPS + SEAL+APPEARANCE
ADG-HF - 1+2+3+4+5+6+7
EXAMPLE - ADG-HF-PP-N-50-4-PL-S-OC

TABLE 1- MOC	
MATERIAL	CODE
POLYPROPYLENE	PP
GLASS FIBRE	GF

TABLE 2- GRADE	
CONFIG.	CODE
ABSOLUTE	A
NOMINAL	N

TABLE 3- MICRON	
MICRON RATING	µ CODE
1	10
2	20
3	30
5	50
10	100
20	200
30	300
40	400
50	500

TABLE 4 -LENGTH	
LENGTH	LENGTH CODE
20"	2
40"	4
60"	6
80"	8

TABLE 5 -CONNECTIONS	
CAPS	CAP CODE
161 in to out	PL
76 out to in	PN
4claws	CN
76 out to in	PK
102.5 out to in	AQ

TABLE 6- SEAL MATERIAL	
SEAL	SEAL CODE
SILICONE	S
EPDM	E
FLUROELASTOMERS	V
NITRILE	B

TABLE 7 -APPEARANCE	
APPEARANCE	APPEARANCE CODE
BW	INNER CORE + BELT WRAP
IC	ONLY INNER CORE
OC	INNER CORE + OUTER CAGE

