



HF Series High Flow Pleated Filter Cartridges are made of depth fine PP non-woven fabrics. The pleated filter cartridge is single open ended and in diameter of 6inch/152mm, inside to outside flow design ensures that the unwanted particles are trapped with the element. One HF filter replaces few standard 10" filter cartridges to reduce the operating costs and make change out quickly and easily for critical applications. The multiple layers with depth pleated design provides higher removal efficiency and longer service life than other cartridges of equal efficiency. All the PP configuration with good chemical compatibility ensures that can be used for wide applications.

Features

- Available in economic/nominal/absolute structure, particle removal rating from 0.5 to 100 micron
- 100% polypropylene components provide wide chemical compatibility, suitable for use in a variety of fluids
- With depth fine non-woven fabrics and scientific design, the filter is in a good structure, having high dirt holding capacity and resulting in longer service life
- The pleated media in large diameter reduces operating costs, makes change out quickly and easily and makes cartridge in longer service life
- Higher dirt holding capacity with large diameter reduces the changes times of cartridges

Applications

- Food & Beverage
- RO Pre-Filtration
- Process water(Pre-RO, Cooling...)
- Ground/Reclaimed/Wastewater
- Sea water desalination
- Oil & Chemical
- Power plant water treatment
- Machinery & Equipment

Dimensions

Outer Diameter	154mm
Length	20", 40", 60"

Material of Constructions

Media	PP
Cage / Core / End cap	PP
Seal Material Options	Silicone, EPDM, FKM, E-FKM

Performance

Max. Operating Temperature	80°C (176° F)
Max. Operating DP	2.4 Bar(35psi)@20°C (68° F)
Recommended Change out DP	2.2 Ba(32psi)r@20°C(68° F)

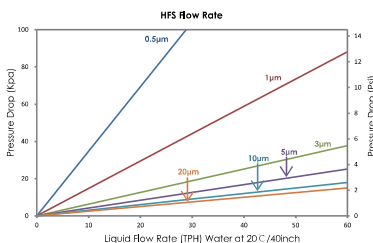
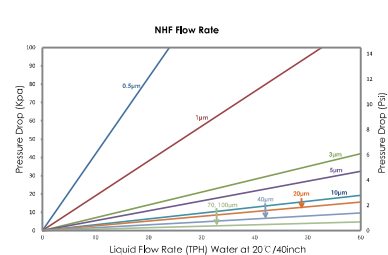
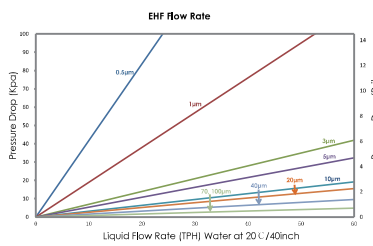
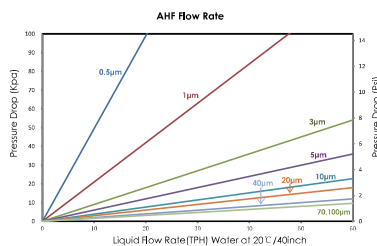
Quality

- Manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System

Food Contact Compliance

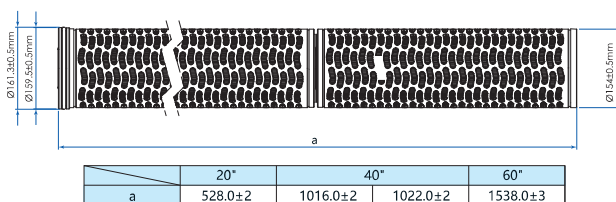
- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Passed European Commission Directives (EU10/2011)

Flow Rate

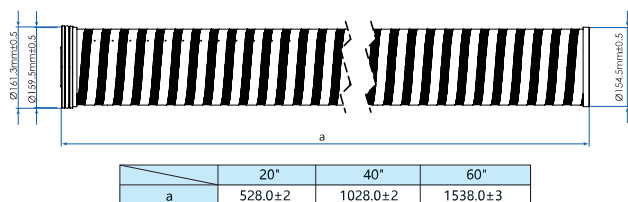


Dimensions

Cage



Belt



Ordering Information

AHF	G0050	B	20	S	P
Grade	Media Structure	Appearance	Length	Seal Material	Core
AHF (Absolute)	G0050 = PP0.5µm	B = Belt	20 = 20"	S = Silicone	Blank = No
NHF (Nominal)	G0100 = PP1µm	C = Cage	40 = 40"	E = EPDM	P = PP
EHF (Economic)	G0300 = PP3µm		60 = 60"	V = FKM	
	G0500 = PP5µm			F = E-FKM	
	G1000 = PP10µm				
	G2000 = PP20µm				
	G4000 = PP40µm				
	G7000 = PP70µm				
	G9900 = PP100µm				

HF	S	0050	B	20	S	P
Media	Media Structure		Appearance	Length	Seal Material	Core
S = Glass fiber	0050 = 0.5µm 0500 = 5µm		B = Belt	20 = 20"	S = Silicone	Blank = No
	0100 = 1µm 1000 = 10µm		C = Cage	40 = 40"	E = EPDM	P = PP
	0300 = 3µm 2000 = 20µm			60 = 60"	V = FKM	
					F = E-FKM	