



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, GF
Cage / Core / End Cap	PP
Sealing	Silicone, EPDM, FKM, E-FKM

Performance

Max. Operating Temperature	80°C
Max. Operating DP	2.4 bar@20°C
Recommended Change out DP	2.2 Bar@20°C

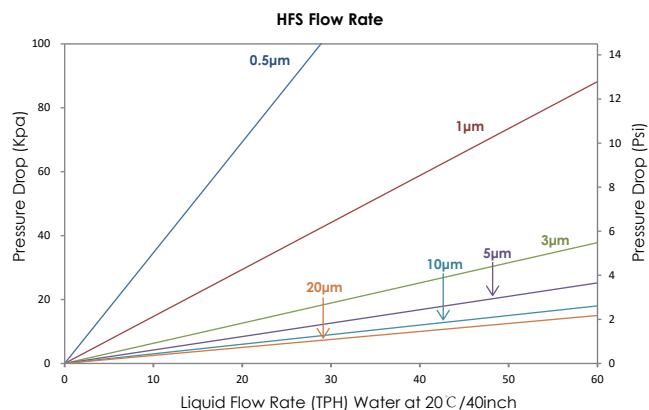
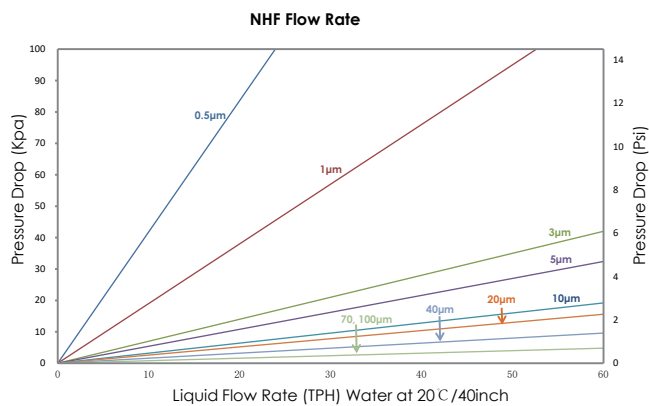
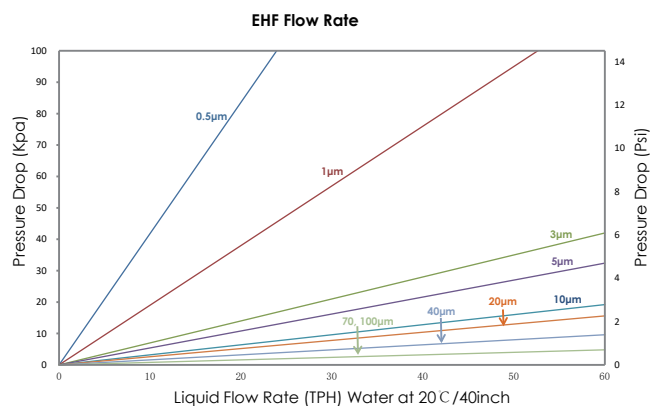
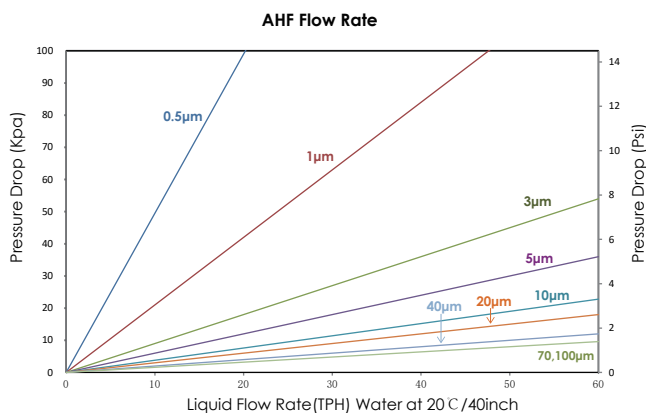
Quality

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

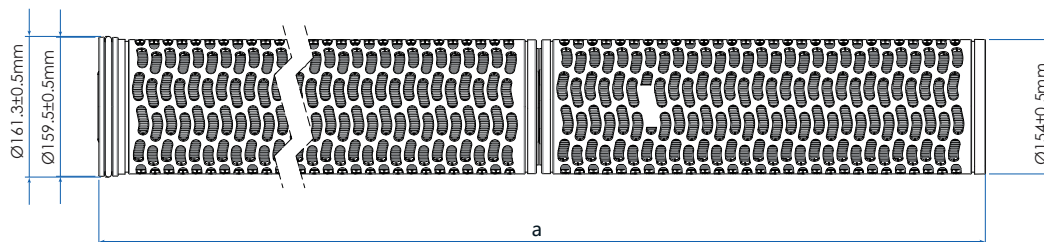
Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Materials used to produce filter media and hardware meet the specifications for biological safety per USP Class VI-121°C for plastics.
- Passed European Commission Directives (EU10/2011)

Flow Rate



Dimensions



	20"	40"	60"
a	528.0±2	1016.0±2	1538.0±3

Ordering Information

AHF	G0050	P	B	20	S	
Grade	Media Structure	Hardware Material	Appearance	Length	Seal Material	
AHF (Absolute)	G0050 = PP0.5μm	P = PP	B = Belt	20 = 20"	S = Silicone	
NHF (Nominal)	G0100 = PP1μm		C = Cage	40 = 40"	E = EPDM	
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
Hardware Material	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 core	
	0300 = 3μm 2000 = 20μm		60 = 60"	V = FKM		
				F = E-FKM		

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

