



MHF Series High Flow Pleated Filter Cartridges are made from depth fine PP non-woven fabrics. The filter has a big diameter of 163.5mm/166mm. The cartridge is designed with an outside to inside flow pattern, and with inner core. The long service life and high flow rate save investment and manpower.

Features

- Available in economic / nominal / absolute structure, particle removal rating from 0.5 to 100 micron
- 100% polypropylene components provide broad chemical compatibility, suitable for use in a variety of fluids
- With depth fine non-woven fabrics and scientific design, the filter has a good structure which offers high dirt holding capacity, and result in long service life.
- Higher flow capacity reduces required number of cartridges

Applications

- Food & Beverage
- RO Pre-filtration
- Process water
- Wastewater
- Sea water desalination
- Oil & Chemical
- Power plant water treatment
- Machinery & Equipment

Dimensions

Outer Diameter	163.5mm, 166mm
Length	20", 40", 60"

Material of Constructions

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

Performance

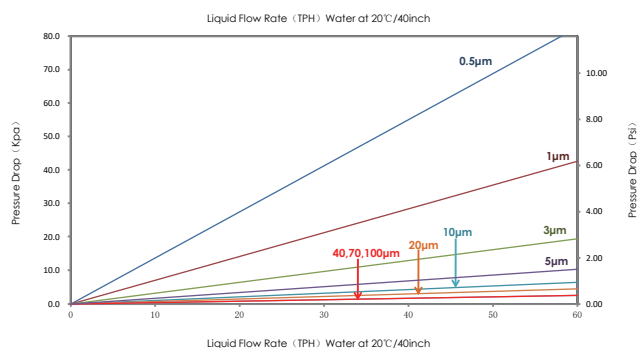
Max. Operating temperature	80°C (176°F)
Max. Operating DP	3 bar(44psi)@ 20°C (68°F)

Food Contact Compliance

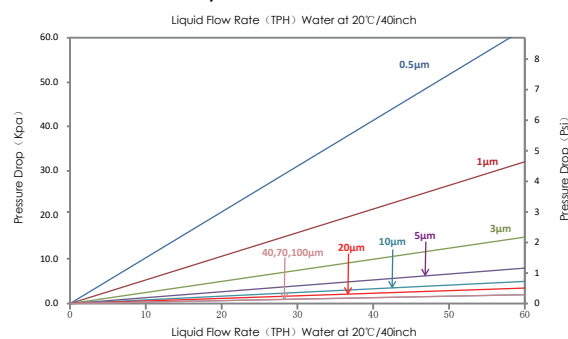
- Material of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Filter cartridges meet the requirements of European Commission Directives (EU10/2011)

Flow Rate

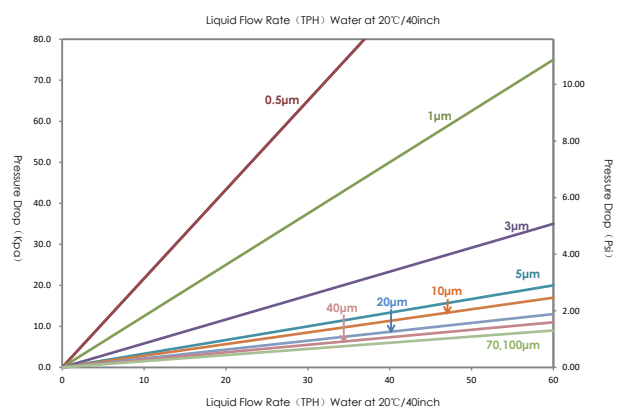
AMHF**A Flow Rate**



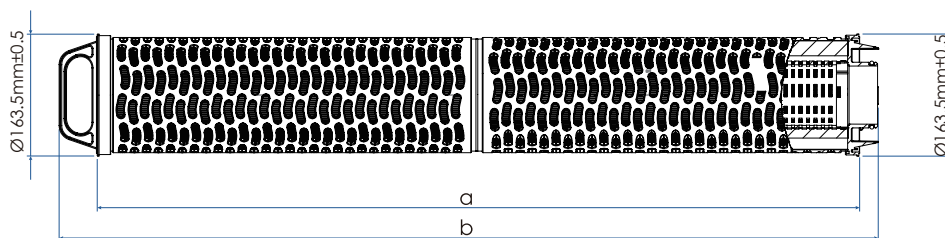
E/NMHF**A Flow Rate**



A/E/NMHF**B Flow Rate**

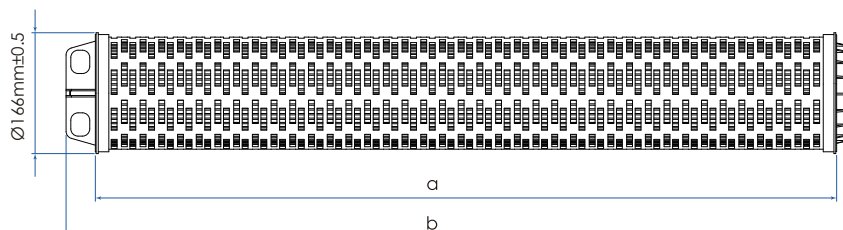


Dimensions



A

	40"		60"
A	1040.0±2	1043.0±2	1524.0±3
B	1114.0±2	1117.0±2	1598.0±3



B

	40"
A	930.0±2
B	995.0±2

Ordering Information

A	MHF	G0050	A	20	S	
Grade	Media Type	End Cap Type	Length	Seal Material		
AMHF (Absolute)	G0050 = PP0.5μm	A = In-line handle and big outlet	20 = 20"	S = Silicone		
NMHF (Nominal)	G0100 = PP1μm		40 = 40"	E = EPDM		
EMHF (Economic)	G0300 = PP3μm		60 = 60"	V = FKM		
	G0500 = PP5μm				F = E-FKM	
	G1000 = PP10μm					
	G2000 = PP20μm					
	G4000 = PP40μm					
	G7000 = PP70μm					
	G9900 = PP100μm					

A	MHF	G0050	B	40	S
Grade	Media Type	End Cap Type	Length	Seal Material	
AMHF (Absolute)	G0050 = PP0.5μm	B = Cross handle and small outlet	40 = 40"	S = Silicone	
NMHF (Nominal)	G0100 = PP1μm			E = EPDM	
EMHF (Economic)	G0300 = PP3μm			V = FKM	
	G0500 = PP5μm			F = E-FKM	
	G1000 = PP10μm				
	G2000 = PP20μm				
	G4000 = PP40μm				
	G7000 = PP70μm				
	G9900 = PP100μm				

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.

