



MHFB Series High Flow Filter Cartridges are made of high performance media with horizontal pleat design that provides higher filtration area and longer service life. The media construction of multiple layers ensures the high dirt holding capacity with high efficiency per filter. The filter has a big diameter of 163.5mm/166mm. "Twist to lock" seating mechanism provides positive seal. One MHFB filter replaces few standard 10" filter cartridges to reduce the operating costs and making change out quickly and easily for critical applications. All the PP configuration with good chemical ensures the wide applications.

Features

- Available in nominal structure, particle removal rating from 0.5 to 100 micron
- Horizontal pleat, high filtration area, high flow rate
- High performance fiber matrix with no adhesives or surfactants, non-fiber releasing to keep the high quality fluid, highly stable structure, and high dirt holding capacity
- 100% polypropylene components provide wide chemical compatibility, suitable for use in a variety of fluids
- Fewer cartridges required, reducing operating, saving space and system footprint
- The long service life results in low investment and less manpower in many applications

Applications

- Food & Beverage
- Process water(Pre-RO, Cooling...)
- Ground/Reclaimed/Wastewater
- Sea water desalination
- Oil & Chemical
- Power plant water treatment
- Machinery & Equipment
- Chemicals
- Refining(Amine, Final product)
- Machine coolants

Dimensions

Outer Diameter	163.5mm, 166mm
Length	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)
Recommended Change out Differential Pressure	2.4 Bar(35psi)@20°C(68°F)

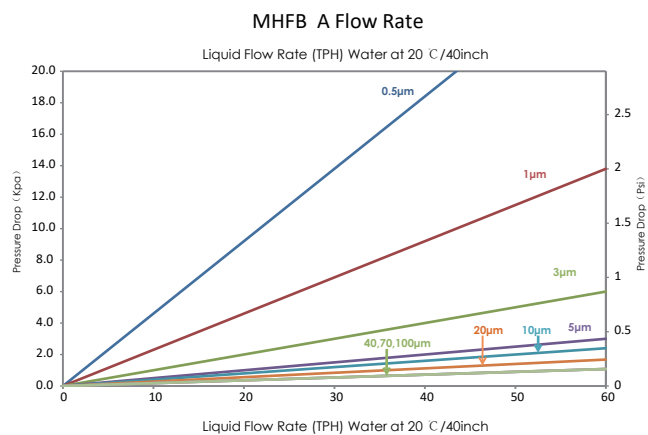
Quality

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

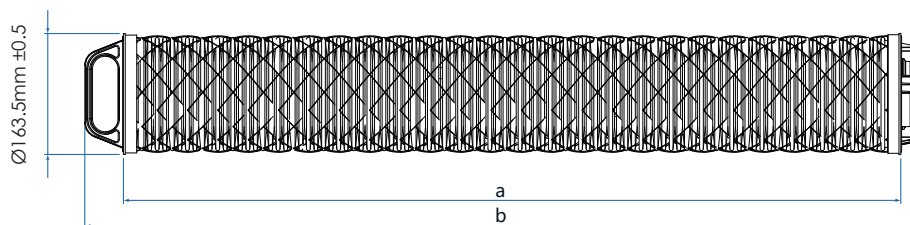
Food Contact Compliance

- Material of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Meet the requirements of European Commission Directives ((EU) 10/2011)

Flow Rate

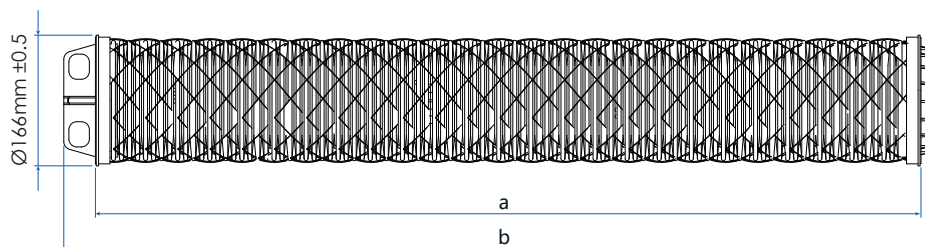


Dimensions



A

	40"	60"
a	1043.0 $\pm$ 2	1550.0 $\pm$ 2
b	1117.0 $\pm$ 2	1624.0 $\pm$ 2



B

	40"	60"
a	930.0 $\pm$ 2	1548.0 $\pm$ 3
b	995.0 $\pm$ 2	1612.0 $\pm$ 3

Ordering Information

MHFB	G0050	P	A	B	40	S
Media Type	Hardware Material	End Cap Type	Appearance	Length	Seal Material	
G = PP	P = PP	A = In-line handle and big outlet	B = Netting	40 = 40"	S = Silicone	
G0050 = PP0.5μm		B = Cross handle and small outlet		60 = 60"	E = EPDM	
G0100 = PP1μm					V = FKM	
G0300 = PP3μm					F = E-FKM	
G0500 = PP5μm						
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.

