

HixMini® Cartridges

HixMini® Cartridges, single open end with 56 mm O.D., are available in a variety of materials: PP/PES/PTFE/MCE/N66/Glass Fiber.

There exist three types of connections: one with a single internal O-ring seal contained in the outlet end cap (that is the 116 inside type in the ordering information) is used in small flow applications; other one with a special flange that incorporates a special seal to eliminate fluid bypass from the upstream to the downstream side of the filter, the housing elastomeric O-ring is placed on a special flange, which is an integral part of the element outlet end cap and Double O-Ring with 4 Fin

These filter cartridges provide effective particle removal and the most cost-effective solution for applications within the food and beverage industry.

Features and benefits

- Eco-friendly
- High flow rates.
- Broad chemical compatibility

Quality

- Cartridges produced in a controlled environment.
- Manufactured according to ISO9001 certified Quality Management System.

Application

- For small flow filtration applications in Pharma, Veterinary and food & beverage industries.

Specification

Materials of Construction

Filter Media

PP/PTFE/PES/ Nylon/MCE/Glass Fiber.

Support and Drainage

PP.

Core, Cage

PP.

End Caps

PP.



O-rings/Gasket

Silicone/EPDM/Viton

Sealing technology

Thermal Bonding, No Adhesives.

Dimensions

Diameter: 56 mm

Length: 2.5 inch, 5 inch

Filtration Area, ft2

2.5-inch ≥ 1.1 ft2 (0.1m2)

5.0-inch ≥ 2.2 ft2 (0.2m2)

4.2-inch ≥ 2.5 ft2 (0.23m2) (only for Double o-ring 4 fin)

Pore Size, µm

Please refer to Ordering Information

Maximum Differential Pressure

Forward: 4.2 bar @23°C (60.9 psi @73.4°F)

1.5 bar @85°C (21.7psi@185 °F)

Bacterial Endotoxins

<0.25 EU/ml as determined by the LAL test

Sterilization

In-line steam sterilization: min. 25 cycles at 134 °C, 20 min. differential pressure max 0.5 bar |

Autoclave: min. 25 cycles at 121 °C, 30 min

Ordering Information

Name	Filter Media		Type		Pore Size		Size		Conection		Pcs/Box	
HMC	PP		N		21		5		15		A	
HMC Hix Mini Cartridge	NY	Nylon 66	A	Absolute	02	0.22µm	2	2,5"	15	116 Inside		1
	PE	PES	N	Nominal	04	0.45µm	5	5"	SF	Special Flange	A	3
	PTO	PTFE Hidrofobic			10	1.0µm					B	5



PP	Polypropylene
GF	Glass Fiber

30	3.0µm
50	5.0µm
11	10µm
21	20µm
31	30µm
51	50µm

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