

## HixMini® PTFE Cartridges

The single open end HixMini® PTFE cartridges are available in a variety of materials, with three different types of connections for small flow applications.

These filter cartridges provide effective particle removal and the most cost-effective solution for applications within the food and beverage, pharma, and veterinary industries.

### Quality

Cartridges produced in a controlled environment.  
Manufactured according to the ISO9001 Quality Management system.  
These filters comply with the standards and regulations of materials approved to be in contact with food.



### Features

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

## Specifications

### Materials

Filter media: Hydrophobic PTFE  
Support and drainage: Polypropylene  
Core: Polypropylene  
End caps: Polypropylene  
O-rings: Silicone, EPDM, Viton  
Sealing technology: Thermal bonding, without adhesives

### Dimensions

Diameter: 56 mm  
Length: 2.5", 5", 4.2"

### Filtration Area

2.5" ≥ 1.1 ft² (0.1 m²)  
5.0" ≥ 2.2 ft² (0.2 m²)  
4.2" ≥ 2.5 ft² (0.23 m²) Only for Double O-ring 4 Fin

### Pore Sizes

0.2µm

### Max. Allowable Differential Pressure

Forward: 3.0 bar at 25°C  
1.5 bar at 50°C

### 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.,  
max. differential pressure 0.5 bar  
Autoclave: min. 25 cycles at 121°C, 30 min.

### Integrity Test (at 23°C)\*

|                |                           |
|----------------|---------------------------|
| Bubble Point   | ≥1000 mbar                |
| Diffusive Flow | ≤3.5 ml/min/10" @ 0.7 bar |
| WIT            | ≤3 ml/min/10" @ 2.5 bar   |

(\*) For every 10" of cartridge  
Wetting IPA/H<sub>2</sub>O 60/40

## Ordering Information

| Name |                    | Filter Media |                  | Type |          | Pore Size |       | Length |      | Adapter |                |
|------|--------------------|--------------|------------------|------|----------|-----------|-------|--------|------|---------|----------------|
| HMC  |                    | PTO          |                  | A    |          | 02        |       | 5      |      | 15      |                |
| HMC  | Hix Mini Cartridge | PTO          | Hydrophobic PTFE | A    | Absolute | 02        | 0.2µm | 2      | 2.5" | 15      | 116 Inside     |
|      |                    |              |                  |      |          |           |       | 5      | 5"   | SF      | Special Flange |
|      |                    |              |                  |      |          |           |       | 4      | 4.2" | 4F      | 4 Fin          |

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