

HixPleat® PP

The HixPleat® PP cartridges are constructed with Polypropylene microfibers providing superior chemical compatibility, high and reliable particle retention. These pre-filters protect the final filters, improving their shelf life and reducing costs.

Features

- Ample chemical compatibility
- Low extractables
- High Flow rates
- Low protein binding



Quality

Cartridges produced in a controlled environment
Manufactured according to the ISO9001 Quality Management system
The filter complies with the norms and regulations of materials approved to be in contact with food

Specifications

Materials

Membrane: Polypropylene (PP)
Support and drainage: Polypropylene (PP)
O-rings: Silicone, EPDM or Viton
Sealing technology: Thermal bonding, without adhesives
Core: Polypropylene (PP)
Housing: Polypropylene (PP)

Retention, µm

0.2, 0.5, 1.0, 3.0, 5.0, 10

Dimensions

Diameter: Ø 68mm / Length: 10", 20", 30"

Filtering Area

10"	6.7 ft²	0.62 m²
20"	13.4 ft²	1.24 m²
30"	20.4 ft²	1.86 m²

Adapter

Double O-Ring 226 Lock (S7) & Double Open End (DOE)

Working Characteristics

Max. Working Pressures and Temperatures

Δp 5.5bar @ 0-38°C
Δp 4.1bar @ 66°C
Δp 1.5bar @ 82°C

Sterilization

Autoclaving/SIP max at 134°C, 30 min, 1 bar, min. 20 cycles.

Typical Flow Rate (per 10" of cartridge at 210 mbar)

0.2µm ≥ 18 L/min
0.45µm ≥ 25 L/min
1.0µm ≥ 37 L/min

Bacterial Endotoxins

0.25 EU/ml determined by LAL test.

Ordering Information

Name		Filter Media		Type		Pore Size		Length		Adapter	
HP		PP		N		10		10		S7	
HP	HixPleat	PP	Polypropylene	N	Nominal	02	0.2µm	10	10"	S7	Double O-ring 226 Lock
						05	0.5µm	20	20"	DOE	Double Open End
						10	1.0µm	30	30"		
						30	3.0µm				
						50	5.0µm				
						11	10µm				