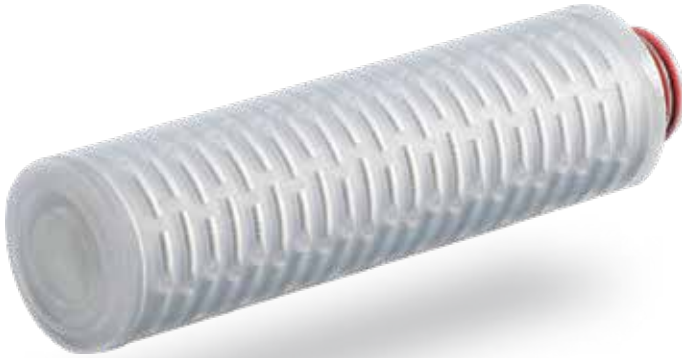


# HP-PP Pleated Filter Cartridge Series



HP-PP Series filter cartridges are absolute rated, pleated depth-type filters, constructed of 100% polypropylene material. These filters are available in absolute particle retention ratings from 0.1 to 5 micron and various end cap configurations to fit into the most standard housings. All components of the HP PP series filter cartridges are FDA approved.

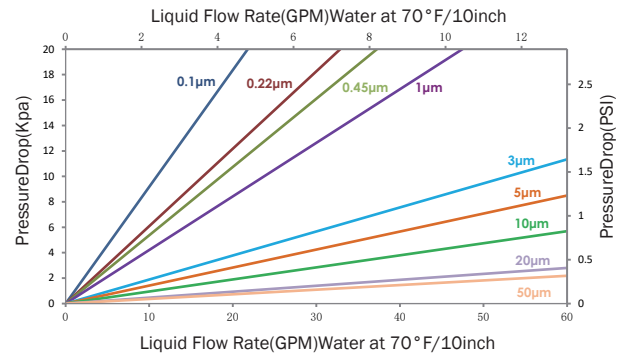
The filter media and its support structure are thermally welded to the end caps, making integral filter cartridges of minimum extractables in a wide range of fluids and applications. All the filter cartridges are manufactured in a clean room environment.



## Standard Features

- Absolute rated structure, particle removal rating from 0.1 to 5 Micron
- 100% polypropylene components provide broad chemical compatibility, suitable for use in a variety of fluids Consistent
- Particle removal, no migration of filter media and non fiber shedding
- Meets FDA requirements for food contact and passes Europe an Commission Directives (EU10/2011)
- 5.5ft<sup>2</sup> of Effective Filtration Area per 10" equivalent

### HP-PP Series Flowrate



### Material of Constructions

Media	PP
Support	PP
Cage/Core/End cap	PP
Sealing	Silicone, EPDM, NBR, FKM, Teflon®, E-FK

### Performance

- Max. Operating temperature **176 °F**
- Max. Operating DP **4bar@70 °F, 2.4bar@176 °**

### Applications

- Food & Beverage
- Fine Chemicals
- Cosmetics
- Plating Chemicals
- Process Water
- Microelectronics
- RO Pre-Filtration
- Bottled Water
- Paints and Inks

## Quality



- ▶ **Filter Cartridges are manufactured in a clean room environment**
- ▶ **Manufactured according to ISO9001:2015 certified Quality Management System**
- ▶ **All Filters Cartridges come individually bagged and boxed**

# Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Materials used to produce filter media and hardware meet the specifications for biological safety per USP Class VI-121C for plastics.
- Filter cartridges passed European Commission Directives (EU10/2011)

Particle Removal Efficiency		
Cartridge Designation	95% Efficiency	99% Efficiency
HP-PP-0.1	0.1µm	-----
HP-PP-0.22	0.22µm	-----
HP-PP-0.45	0.45µm	-----
HP-PP-1	-----	1µm
HP-PP-3	-----	3µm
HP-PP-5	-----	5µm

Dimensions
<ul style="list-style-type: none"> <li>• OD: 2.67"</li> <li>• OD: 10", 20", 30", 40"</li> </ul>

# Standard Features

HP -	PP	-26	100 -	0.2	222FL -	B
TYPE	MEDIA	CARTRIDGE DIAMETER	CARTRIDGE LENGTH	MICRON RATING	END CAP	O-RING / GASKETS
HP = High Purity Pleated	PP= Polypropylene - Absolute	26 = 2.67" (6.78 cm)	097 = 9-3/4" 100 = 10" 200 = 20" 300 = 30" 400 = 40"	0.1 = 0.1 0.2 = 0.2 0.45 = 0.45 1 = 1 3 = 3 5 = 5	Blank = DOE (standard) 222FL = 222/Flat 222FN = 222/Fin 226FL = 226/Flat 226FN = 226/Fin	E = EPDM B = Buna N S = Silicone V = Viton T = Teflon