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)
- 5.5ft² of Effective Filtration Area per 10" equivalent

**Material of Constructions**

<table>
<thead>
<tr>
<th>Media</th>
<th>PP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support</td>
<td>PP</td>
</tr>
<tr>
<td>Cage/Core/End cap</td>
<td>PP</td>
</tr>
<tr>
<td>Sealing</td>
<td>Silicone, EPDM, NBR, FKM, Teflon®, E-FK</td>
</tr>
</tbody>
</table>

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

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

## Standard Features

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