



### Product Specifications

**Media:**

Polypropylene

**Core, End Caps, Cage:**

Polypropylene

**Gasket/O-Rings:**

Many options available

**Dimensions:**

Outside Diameter: 2.5" (6.35 cm), or

2.63" (6.7 cm) end-capped

Inside Diameter: 1.0" (2.54 cm)

### Operating Parameters

**Maximum Differential Pressure:**

150 psid @ 68°F (10.3 bar @ 20°C)

90 psid @ 150°F (6.2 bar @ 66°C)

35 psid @ 176°F (2.4 bar @ 80°C)

**Recommended Change Out****Pressure:**

35 psid (2.4 bar)

## Product Features

For critical customer applications requiring precise and repeatable depth filtration, our PP6 melt blown cartridge filters deliver exceptional performance. With multi-zoned construction, true clarifying filtration is achieved with no unloading of captured contaminant.

## Advantages

- Multi-zoned melt blown depth filter with a true graded pore structure
- Thermally bonded fibers for high void volume and long on-stream life
- Available in precise 90% removal efficiencies available from 0.5 to 100 microns
- 100% pure virgin polypropylene
- Molded center core for higher temperatures and pressure capability
- Free of surfactants, binders and adhesives

## Certifications

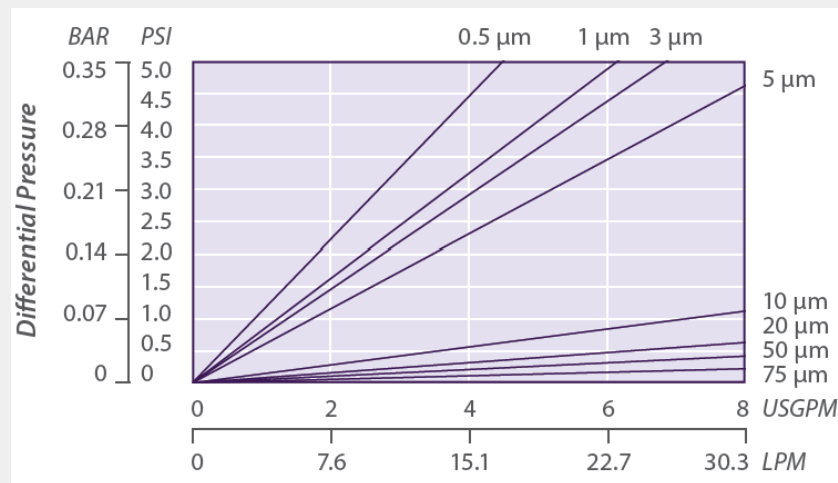
- USP Class VI: Meets USP Class VI Biological Tests for Plastics
- FDA Listed Materials: All materials comply with FDA Title 21 of the Code of Federal Regulations Sections 174.5 and 177.1520, as applicable for food and beverage contact
- NSF 651: Certified to NSF/ANSI STD 61 for materials requirements only
- European Directive for Direct Food Contact: European Regulation No. 1935/2004 and European Regulation 10/2011: Tested for migration behaviour and is suitable for contact with all kinds of foodstuffs with minimal rinse-up

# PP6 NOMENCLATURE INFORMATION

| Filter Type | Retention Rating (microns) | Nominal Length (inches) | End Configuration                      | Gasket or O-Ring                       |
|-------------|----------------------------|-------------------------|----------------------------------------|----------------------------------------|
| PP6         | 0.5                        | -5                      | -P(double open end)                    | B (Buna-N)                             |
|             | 1                          | -9.75                   | -P2 (226/flat single open end)         | E (EPDM)                               |
|             | 3                          | -10                     | -P3 (222/flat single open end)         | N (None)                               |
|             | 5                          | -19.5                   | -P6 (Self-seal spring on one end)      | S (Silicone)                           |
|             | 10                         | -20 -                   | -P7 (226/fin single open end)          | T (Teflon encaps. Viton, o-rings only) |
|             | 20                         | 29.25                   | -P8 (222/fin single open end)          | V (Viton)                              |
|             | 50                         | -30                     | -PX (extended core)                    |                                        |
|             | 75                         | -39                     | -N (none; cut ends)                    |                                        |
|             | 100                        | -40                     | -AM (single open end, internal o-ring) |                                        |
|             |                            |                         | -DBG (direct bond santoprene gaskets)  |                                        |

## PP6 Flow Rate

Typical Flow Rate Clean Water at Ambient Temperature  
(per 10" cartridge)



For liquids other than water, multiply pressure drop by the fluid viscosity in centipoise

## Sterilization

- PP6 single open end style filters may be autoclaved under no end load conditions for 30 minutes at 121°C. Filters should be cooled to normal operating temperatures prior to use.



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