



# PP Filter Series - Sediment Filters

Meltblown polypropylene sediment filters



## Features

- 100% virgin polypropylene
- Available in 10", 20", 30", 40" standard sizes (2.5" diameter)
- Available in 10" and 20" jumbo sizes (4.5" diameter)
- Available in 1, 5, 10, 20-micron nominal ratings
- No chemicals used, meaning zero secondary contamination
- Single nozzle design ensures even material density and optimum filtration efficiency



Specially designed to remove rust, dirt, particles and impurities from your water, GWS sediment filters are manufactured from pure, virgin polypropylene using a state-of-the-art process. With a proprietary dual-gradient structure, our filters capture particles as small as one micron in size, ensuring the cleanest sediment-free water possible. Use in combination with GWS filter housings.

## Applications

- Prefilter for domestic or commercial water filter systems
- Standalone point-of-entry or point-of-use sediment filtration
- Removes sediment, dirt, rust, and other suspended particles
- Reverse osmosis system prefilter

## Groove Surface Option

- Grooved surface option available for 1 & 5 micron rated 10" standard PP filters
- Up to 50% more surface area equals higher dirt holding capacity and longer filter life



## Models

| Model Number                 | Dimensions                    | Nominal Rating | Initial ΔP at Flow Rate                  |
|------------------------------|-------------------------------|----------------|--|
| <b>Standard 2.5" Filters</b> |                               |                |  |
| PP1001                       | 64mm x 251mm (2.5" x 9.875")  | 1 micron       | 0.04 bar at 19 l/min (0.6 psi at 5 gpm)  |
| PP1005                       | 64mm x 251mm (2.5" x 9.875")  | 5 micron       | 0.03 bar at 19 l/min (0.4 psi at 5 gpm)  |
| PP1010                       | 64mm x 251mm (2.5" x 9.875")  | 10 micron      | 0.01 bar at 19 l/min (0.2 psi at 5 gpm)  |
| PP1020                       | 64mm x 251mm (2.5" x 9.875")  | 20 micron      | 0.01 bar at 19 l/min (0.2 psi at 5 gpm)  |
| PP2001                       | 64mm x 508mm (2.5" x 20")     | 1 micron       | 0.04 bar at 38 l/min (0.6 psi at 10 gpm) |
| PP2005                       | 64mm x 508mm (2.5" x 20")     | 5 micron       | 0.03 bar at 38 l/min (0.4 psi at 10 gpm) |
| PP2010                       | 64mm x 508mm (2.5" x 20")     | 10 micron      | 0.02 bar at 38 l/min (0.3 psi at 10 gpm) |
| PP2020                       | 64mm x 508mm (2.5" x 20")     | 20 micron      | 0.02 bar at 38 l/min (0.3 psi at 10 gpm) |
| <b>Jumbo 4.5" Filters</b>    |                               |                |  |
| PP1001BB                     | 114mm x 251mm (4.5" x 9.875") | 1 micron       | 0.07 bar at 38 l/min (1 psi at 10 gpm)   |
| PP1005BB                     | 114mm x 251mm (4.5" x 9.875") | 5 micron       | 0.07 bar at 38 l/min (1 psi at 10 gpm)   |
| PP1010BB                     | 114mm x 251mm (4.5" x 9.875") | 10 micron      | 0.07 bar at 38 l/min (1 psi at 10 gpm)   |
| PP2001BB                     | 114mm x 508mm (4.5" x 20")    | 1 micron       | 0.07 bar at 75 l/min (1 psi at 20 gpm)   |
| PP2005BB                     | 114mm x 508mm (4.5" x 20")    | 5 micron       | 0.07 bar at 75 l/min (1 psi at 20 gpm)   |
| PP2010BB                     | 114mm x 508mm (4.5" x 20")    | 10 micron      | 0.07 bar at 75 l/min (1 psi at 20 gpm)   |

## Specifications

|                                       |                         |
|---------------------------------------|-------------------------|
| Product Series Name                   | Sediment Filters        |
| Min. Operating Temperature            | 4.4°C / 40°F            |
| Max. Operating Temperature            | 62.8°C / 145°F          |
| Recommended Replaceable Pressure Drop | 1.5 bar   21 psi        |
| Nominal Micron Rating                 | 1, 5, 10, and 20 micron |
| Nominal Flow Rate                     | 19-75 LPM / 5-20 GPM    |
| Recommended Lifespan                  | 3 months*               |

\*Results may vary due to feed water quality and application.