



# 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.