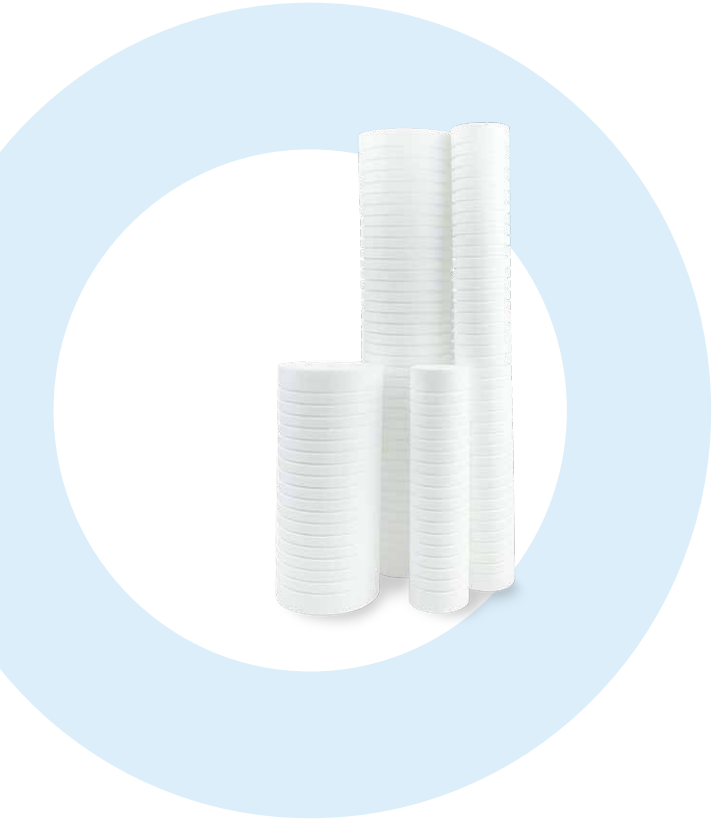
Grooved PP Sediment Filters

Environmentally-friendly polypropylene sediment filters

New



Features

- 100% pure, chemical-free virgin polypropylene
- Specially designed to remove rust, dirt, particles and impurities as small as 1 micron
- 3X longer filter life for reduced waste and lower environmental impact
- Available in full range of sizes and micron ratings
- Fully recyclable
- Prefilter for domestic or commercial water filter systems and reverse osmosis
- Standalone point-of-entry or point-of-use sediment filtration
- Up to 80% more surface area compared to standard sediment filter
- Increased dirt holding capacity
- Extended service life and reduced maintenance costs

NSF Certified to NSF/ANSI 42

As part of our commitment to sustainability, GWS is proud to present the next generation of sediment removal technology – the Grooved PP Sediment Filter.

Made in-house with our state-of-the-art, proprietary manufacturing process, the Grooved PP Sediment Filter features a dual-gradient structure with up to 80% more surface area, resulting in a three-fold increase in sediment-removing capacity.

Use in combination with GWS filter housings.



Models

Model Number	Dimensions	Nominal Rating	Initial ΔP at Flow Rate
Standard 2.5" Filters			
PP1001-G	65mm x 251mm (2.5" x 9.875")	1 micron	0.04 bar at 19 l/min (0.6 psi at 5 gpm)
PP1005-G	65mm x 251mm (2.5" x 9.875")	5 micron	0.03 bar at 19 l/min (0.4 psi at 5 gpm)
PP1010-G	65mm x 251mm (2.5" x 9.875")	10 micron	0.01 bar at 19 l/min (0.2 psi at 5 gpm)
PP1020-G	65mm x 251mm (2.5" x 9.875")	20 micron	0.01 bar at 19 l/min (0.2 psi at 5 gpm)
PP2001-G	65mm x 511mm (2.5" x 20")	1 micron	0.04 bar at 38 l/min (0.6 psi at 10 gpm)
PP2005-G	65mm x 511mm (2.5" x 20")	5 micron	0.03 bar at 38 l/min (0.4 psi at 10 gpm)
PP2010-G	65mm x 511mm (2.5" x 20")	10 micron	0.02 bar at 38 l/min (0.3 psi at 10 gpm)
PP2020-G	65mm x 511mm (2.5" x 20")	20 micron	0.02 bar at 38 l/min (0.3 psi at 10 gpm)
Jumbo 4.5" Filters			
PP1001BB-G	114mm x 251mm (4.5" x 9.875")	1 micron	0.07 bar at 38 l/min (1 psi at 10 gpm)
PP1005BB-G	114mm x 251mm (4.5" x 9.875")	5 micron	0.07 bar at 38 l/min (1 psi at 10 gpm)
PP1010BB-G	114mm x 251mm (4.5" x 9.875")	10 micron	0.07 bar at 38 l/min (1 psi at 10 gpm)
PP1020BB-G	114mm x 251mm (4.5" x 9.875")	20 micron	0.07 bar at 38 l/min (1 psi at 10 gpm)
PP2001BB-G	114mm x 511mm (4.5" x 20")	1 micron	0.07 bar at 75 l/min (1 psi at 20 gpm)
PP2005BB-G	114mm x 511mm (4.5" x 20")	5 micron	0.07 bar at 75 l/min (1 psi at 20 gpm)
PP2010BB-G	114mm x 511mm (4.5" x 20")	10 micron	0.07 bar at 75 l/min (1 psi at 20 gpm)
PP2020BB-G	114mm x 511mm (4.5" x 20")	20 micron	0.07 bar at 75 l/min (1 psi at 20 gpm)

Note: Minor dimensional variations may occur.

Specifications

Product Series Name	Grooved PP 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 or longer*

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

WATER ENHANCEMENT

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