



Spun PP Filter Cartridges Normal Efficiency

We offer Porous Sintered Filter Elements in various shapes and sizes Viz., Discs, Domes, and Hollow Cylinders for filtration of Water, Air and Chemicals.

GPS Spun Filter Cartridge is ideally suited for a wide range of product and process filtration applications where absolute filtration is not required.

GPS Spun Filter Cartridge will fit most industrial metal housings using double open ended sealing arrangement, as well as standard polypropylene, PVC, and polycarbonate housings. In addition the elements are available with end caps for most plug in style 'O' ring fittings, making them ideally suited for more critical applications requiring the assurance of these double seals.

Cartridge filtration systems generally operate most effectively and economical on applications having contamination levels less than 0.01% by weight (100ppm). For heavier contamination applications, cartridges are normally used as final polishing filters.

Features and Benefits

- Consistent performance and efficiency
- Wide chemical compatibility, using 100% pure polypropylene.
- Graded density structure for maximum dirt holding capacity.
- High void volume, resulting in low differential pressure and excellent dirt holding capacity.
- Supported core for overall strength
- Thermal bonding process stops media migration
- Contains no resin binders, solvent ,wetting or antistatic agents

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- Food and Beverage
- Process water,
- Pharmaceuticals
- Pre filtration,
- Fine Chemicals
- Solvents,

- Process streams,
- Water purification
- High purity water for semiconductor production
- Magnetic Coatings
- Solvent
- Petrochemicals
- Photographic
- Chemicals,
- Emulsions,
- Process water
- Metal Finishing
- Electroplating,
- Paint and Resin Production
- Water Treatment
- Pre-R.O.,
- Resin traps,
- Potable water
- Cosmetics

Spun PP Filter Cartridges Normal Efficiency Materials

- Filtering Medium: Polypropylene
- Supporting Core: Polypropylene

Removal Ratings

- 1 µm, 5 µm, 10 µm, 20 µm, 50 µm

Dimensions

Standard Cartridge:

- Lengths: 10" / 254 mm, 20" / 508 mm, 30" / 762 mm, 40" / 1016 mm, 50" / 1270 mm
- Out side Diameter: 65 mm
- In Side Diameter: 30 mm

Jumbo Cartridge:

- Lengths: 10" / 254 mm, 20" / 508 mm, 30" / 762 mm
- Out side Diameter: 110 mm
- In Side Diameter: 30 mm

Effective Surface Area:

- Standard Cartridge: 0.05 m²/10"
- Jumbo Cartridge: 0.09 m²/10"

Operating Conditions

- Maximum temperature: 70°C
- Maximum Forward Pressure: 4.1 kg/cm²
- Maximum differential pressure: 1.1 bar

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Item Code	Size	Length	Micron	Support Core	End Cap Configuration
SPP	ST - Standard	L1 – 10"	M1 – 1 Micron	CP - Polypropylene	0 – Double Open End
	JU - Jumbo	L2 – 20"	M2 – 5 Micron		6 – Fin Closed End, External 222 "O" Ring type
		L3 – 30"	M3 – 10 Micron		7 - Fin Closed End, External 226 "O" Ring type
		L4 – 40"	M4 – 20 Micron		
		L5 – 50"	M5 – 50 Micron		

NOTE: L4, L5 – 40", 50" Lengths is not available in Jumbo Size.