



PS SERIES SPUN-BONDED POLYPROPYLENE CARTRIDGES

- **Manufactured from pure 100% polypropylene**
- **Designed for purity and chemical compatibility**
- **Spun fibers form a true gradient density from outer to inner surfaces**

Our new PS series of poly spun-bonded filter cartridges are manufactured from pure 100% polypropylene fibers. The depth filtration cartridge construction offers greater performance flexibility in a broad range of solutions.

In water applications, polypropylene media will not impart taste, odor or colors into the solution. For industrial applications, polypropylene offers superior chemical resistance and is not prone to bacterial attack. The thermal bonding process of the media eliminates the need for a core support while offering resistance to collapse. This process also greatly reduces fiber migration.

PS Series cartridges are available in a wide range of lengths and micron sizes to accommodate a broad range of vessel sizes and applications.

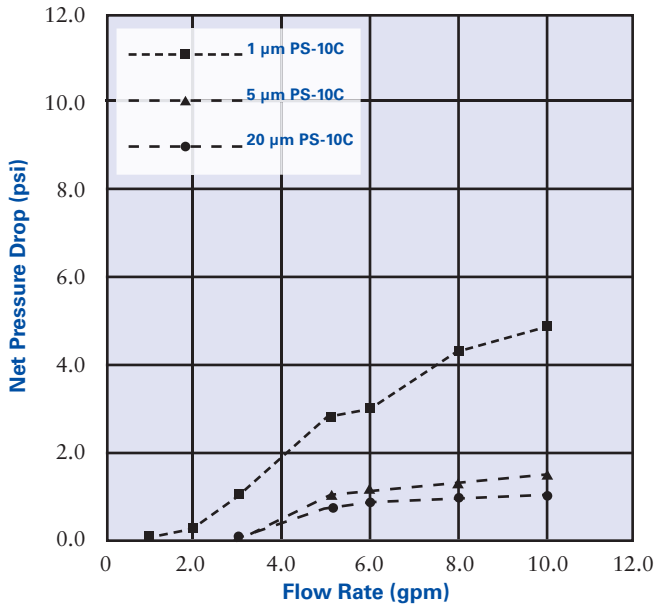


PS SERIES

Spun-Bonded Polypropylene Cartridges



Net Pressure Drop vs. Flow Rate (water)



Materials of Construction

- **Fiber Media** Polypropylene Fibers
- **Temperature Rating** 40° F to 145° F (4.4°C to 62.8°C)

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Cartridge Specifications

Model	Maximum Dimensions	Micron Rating* (Nominal)	Initial ΔP (psi) @ Flow Rate (gpm)
PS1-10C	2.375" x 9.75" (60 mm x 248 mm)	1	2.9 psi @ 5 gpm (0.2 bar @ 18.9 L/min)
PS1-20C	2.375" x 20" (60 mm x 508 mm)	1	1.45 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS1-30C	2.375" x 30" (60 mm x 762 mm)	1	0.97 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS1-40C	2.375" x 40" (60 mm x 1016 mm)	1	0.73 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS5-10C	2.375" x 9.75" (60 mm x 248 mm)	5	1.0 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS5-20C	2.375" x 20" (60 mm x 508 mm)	5	0.5 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS5-30C	2.375" x 30" (60 mm x 762 mm)	5	0.33 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS5-40C	2.375" x 40" (60 mm x 1016 mm)	5	0.25 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS20-10C	2.375" x 9.75" (60 mm x 248 mm)	20	0.7 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS20-20C	2.375" x 20" (60 mm x 508 mm)	20	0.35 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS20-30C	2.375" x 30" (60 mm x 762 mm)	20	0.23 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)
PS20-40C	2.375" x 40" (60 mm x 1016 mm)	20	0.18 psi @ 5 gpm (<0.1 bar @ 18.9 L/min)

*Based on manufacturer's internal testing

