

PENTEK® PS SERIES SPUN-BONDED POLYPROPYLENE CARTRIDGES

WIDE RANGE OF SIZES AND MICRON RATINGS



Pentair® Pentek® PS Series Cartridges are manufactured from spun-bonded 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.

FEATURES/BENEFITS

Manufactured from pure 100% polypropylene

Designed for purity and chemical compatibility

Spun fibers form a true gradient density from outer to inner surfaces

Nominal 1, 5, 20 micron rating

Lengths: 10", 20", 30", 40"

SPECIFICATIONS

Filter Media – Polypropylene fibers

Temperature Rating –
40–145°F (4.4–62.8°C)

SPECIFICATIONS AND PERFORMANCE

PART #	MODEL #	MAXIMUM DIMENSIONS	RATING (NOMINAL)	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
255690-43	PS1-10	2.88" x 9.75" (60 mm x 248 mm)	1 micron	2.9 psi @ 5 gpm (0.2 bar @ 18.9 Lpm)
255694-43	PS5-10	2.88" x 9.75" (60 mm x 248 mm)	5 micron	1.0 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255698-43	PS20-10	2.88" x 9.75" (60 mm x 248 mm)	20 micron	0.7 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255691-43	PS1-20	2.88" x 20" (60 mm x 508 mm)	1 micron	1.45 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255695-43	PS5-20	2.88" x 20" (60 mm x 508 mm)	5 micron	0.5 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255-699-43	PS20-20	2.88" x 20" (60 mm x 508 mm)	20 micron	0.35 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255-692-43	PS1-30	2.88" x 30" (60 mm x 762 mm)	1 micron	0.97 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255696-43	PS5-30	2.88" x 30" (60 mm x 762 mm)	5 micron	0.33 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255700-43	PS20-30	2.88" x 30" (60 mm x 762 mm)	20 micron	0.23 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255693-43	PS1-40	2.88" x 40" (60 mm x 1016 mm)	1 micron	0.73 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255697-43	PS5-40	2.88" x 40" (60 mm x 1016 mm)	5 micron	0.25 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)
255701-43	PS20-40	2.88" x 40" (60 mm x 1016 mm)	20 micron	0.18 psi @ 5 gpm (<0.1 bar @ 18.9 Lpm)

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



FILTRATION & PROCESS

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