

## PENTEK P SERIES SPUN-BONDED POLYPROPYLENE CARTRIDGES

WIDE RANGE OF SIZES AND MICRON RATINGS



The Pentair Pentek® P Series Cartridges are manufactured from pure 100% polypropylene fibers. The fibers have been carefully spun together to form a true gradient density from outer to inner surfaces.

P Series Cartridges are designed for purity; they will not impart taste, odor or color to the liquid being filtered when used within the recommended temperature limit. Additionally, the polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

The coreless strength of the cartridges is achieved by sintering the many fibers into a solid matrix.

P Series Cartridges are available in a wide array of sizes and micron ratings to accommodate all of your filtration needs.

### 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, 25 micron rating

Lengths: 4.88", 10", 20", 30, 40"

### SPECIFICATIONS

Filter Media – Polypropylene fibers

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



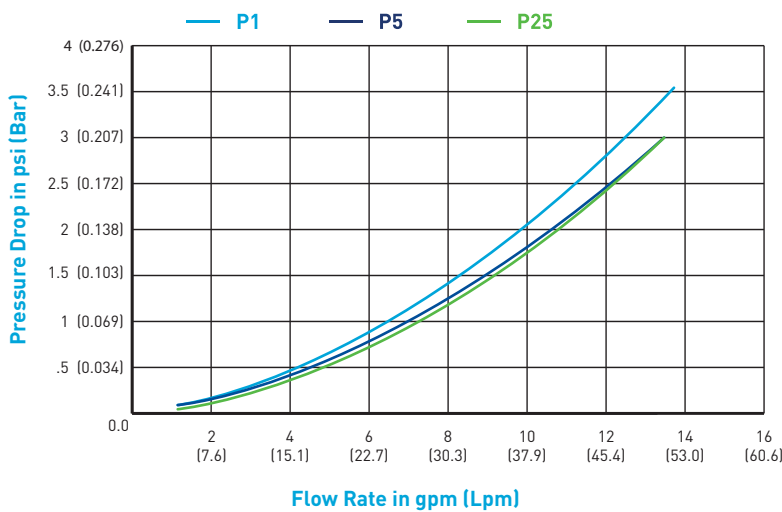
The P1, P5, P1-20 and P5-20 are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

## SPECIFICATIONS AND PERFORMANCE

| MODEL # | PART #    | MAXIMUM DIMENSIONS               | RATING (NOMINAL) | INITIAL ΔP (PSI)<br>@ FLOW RATE (GPM)      |
|---------|-----------|----------------------------------|------------------|--------------------------------------------|
|         | 155030-43 | 2.38" x 4.88" (60.5 mm x 124 mm) | 5 micron         | 0.3 psi @ 2 gpm<br>(<0.02 bar @ 7.6 Lpm)   |
| P1      | 155225-43 | 2.38" x 9.88" (60.5 mm x 251 mm) | 1 micron         | 0.6 psi @ 5 gpm<br>(<0.04 bar @ 18.9 Lpm)  |
| P5      | 155014-43 | 2.38" x 9.88" (60.5 mm x 251 mm) | 5 micron         | 0.2 psi @ 5 gpm<br>(<0.01 bar @ 18.9 Lpm)  |
| P25     | 155015-43 | 2.38" x 9.88" (60.5 mm x 251 mm) | 25 micron        | 0.2 psi @ 5 gpm<br>(<0.01 bar @ 18.9 Lpm)  |
| P1-20   | 155304-43 | 2.38" x 20" (60.5 mm x 508 mm)   | 1 micron         | 0.6 psi @ 10 gpm<br>(<0.04 bar @ 37.9 Lpm) |
| P5-20   | 155016-43 | 2.38" x 20" (60.5 mm x 508 mm)   | 5 micron         | 0.6 psi @ 10 gpm<br>(<0.04 bar @ 37.9 Lpm) |
| P25-20  | 155226-43 | 2.38" x 20" (60.5 mm x 508 mm)   | 25 micron        | 0.2 psi @ 10 gpm<br>(<0.01 bar @ 37.9 Lpm) |
| P1-30   | 155227-43 | 2.38" x 30" (60.5 mm x 762 mm)   | 1 micron         | 0.5 psi @ 10 gpm<br>(<0.03 bar @ 37.9 Lpm) |
| P5-30   | 155228-43 | 2.38" x 30" (60.5 mm x 762 mm)   | 5 micron         | 0.2 psi @ 10 gpm<br>(<0.01 bar @ 37.9 Lpm) |
| P25-30  | 155224-43 | 2.38" x 30" (60.5 mm x 762 mm)   | 25 micron        | 0.2 psi @ 10 gpm<br>(<0.01 bar @ 37.9 Lpm) |
| P5-40   | 155422-43 | 2.38" x 40" (60.5 mm x 1016 mm)  | 5 micron         | 0.2 psi @ 10 gpm<br>(<0.01 bar @ 37.9 Lpm) |

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

P Series: Pressure Drop vs. Flow Rate



Data shown reflects the performance of 10" cartridges. 20", 30" and 40" cartridge pressure drops can be estimated by dividing the psi above by 2, 3 and 4 respectively at the same flow rate.



### WATER QUALITY SYSTEMS

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