

POLY PLEATED CARTRIDGES PNR SERIES



FEATURES/BENEFITS

- Pleated design maximises dirt holding capacity.
- Designed for general water filtration process.
- Versatile and re-useable, allowing for a variety of uses.
- Especially useful for minimal pressure loss.
- Lengths: 10", 20"
- Nominal microns: 1, 5, 20, 50

FILTRATION INFORMATION

Pentair PNR Series Cartridges are manufactured from a polyester media, pleated around a polypropylene core for added strength. The pleated endcaps of the standard cartridges are immersed in a thermosetting vinyl plastisol. The Big Blue cartridges have a moulded endcap with gaskets. The pleated ends are sealed to the endcap with a thermoplastic adhesive. The overlap seam is sonically welded to reduce bypass, improving filtration efficiency.

The high surface area of the pleated media provides a higher dirt holding capacity, high flow rates while maintaining extremely low pressure drop. Increasing the life of the cartridge between changes or cleaning due to the high surface area has the benefit of lowering the overall cost.

SPECIFICATIONS

Filter Media:	Polyester
Standard Endcaps:	Vinyl plastisol
Big Blue Endcaps (Jumbo):	Polypropylene
Core:	Polypropylene
Temperature:	40 - 145°F (4.4 - 62.8°C)

POLY PLEATED CARTRIDGES - PNR SERIES

SPECIFICATIONS AND PERFORMANCE				
Model #	Part #	Maximum Dimensions	Rating (Nominal)	Initial ΔP (PSI) @ flow rate (GPM)
1PP10	PNR-S-1-10-B	2.63" X 9.75" (67 mm x 248 mm)	1 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
5PP10	PNS-S-5-10-A	2.63" x 9.75" (67 mm x 248 mm)	5 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
20PP10	PNR-S-20-10-A	2.63" X 9.75" (67 mm x 248 mm)	20 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
50PP10	PNR-S-50-10-A	2.63" X 9.75" (67 mm x 248 mm)	50 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
1PP20	PNR-S-1-20-A	2.63" x 20" (67 mm x 508 mm)	1 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
5PP20	PNR-S-5-20-A	2.63" x 20" (67 mm x 508 mm)	5 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
20PP20	PNR-S-20-20-A	2.63" x 20" (67 mm x 508 mm)	20 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
50PP20	PNR-S-50-20-A	2.63" x 20" (67 mm x 508 mm)	50 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
1PP10BB	PNR-BB-1-10-B	4.5" x 9.75" (114 mm x 248 mm)	1 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
5PP10BB	PNR-BB-5-10-A	4.5" x 9.75" (114 mm x 248 mm)	5 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
20PP10BB	PNR-BB-20-10-A	4.5" x 9.75" (114 mm x 248 mm)	20 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
50PP10BB	PNR-BB-50-10-A	4.5" x 9.75" (114 mm x 248 mm)	50 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
1PP20BB	PNR-BB-1-20-B	4.5" x 20" (114 mm x 508 mm)	1 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
5PP20BB	PNR-BB-5-20-A	4.5" x 20" (114 mm x 508 mm)	5 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
20PP20BB	PNR-BB-20-20-A	4.5" x 20" (114 mm x 508 mm)	20 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
50PP20BB	PNR-BB-50-20-A	4.5" x 20" (114 mm x 508 mm)	50 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)

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



The Model F1000-B1B is Tested and Certified by NSF International against NSF/ANSI Standards 42 and CSA B483.1 for the reduction of substances specified on the service manual or at www.nsf.org.