



R SERIES PLEATED POLYESTER CARTRIDGES

- Pleated design maximizes dirt-holding capacity
- Versatile and reusable, allowing for a variety of uses
- Durable polyester media is bacteria and chemical resistant
- Nominal 30-micron rating (R30) and nominal 50-micron rating (R50)

R Series cartridges are manufactured from a durable, non-woven and reusable polyester fabric that is suitable for a wide range of filtration uses.

The media is pleated around a polypropylene core for added strength and the ends are immersed in a thermo-setting vinyl plastisol. Embedding and sealing each end of the pleat in this fashion fuses the three components together forming a unified end cap and gasket. The overlap seam is sonically welded to reduce internal bypass improving filtration efficiency.

The standard 9¾" length cartridge has more than four square feet of polyester fabric, while the larger

Big Blue® version has more than 16 square feet. The media is pleated to maximize dirt-holding capacity and extend the time period between changes or cleaning.

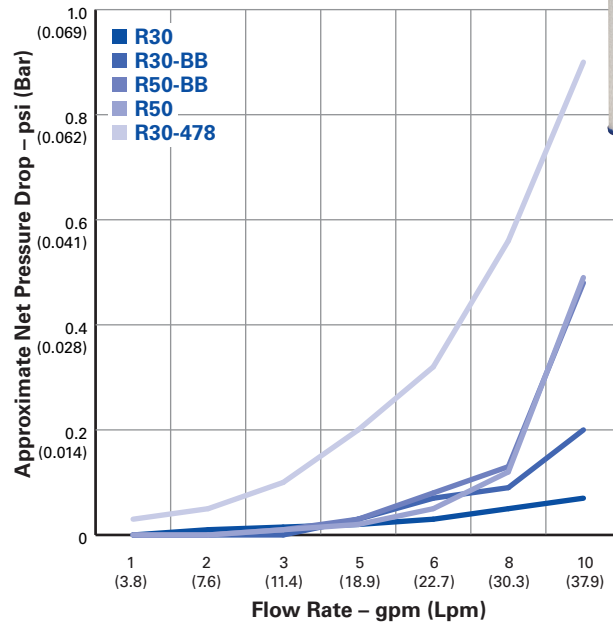
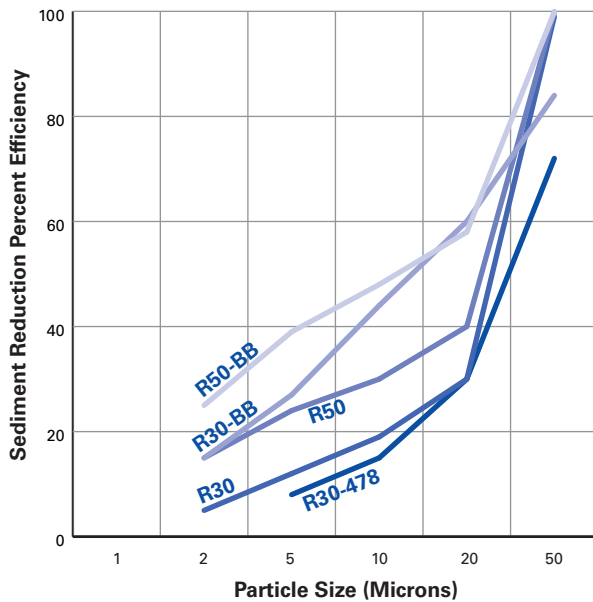
R Series cartridges are resistant to both bacteria and chemical attack making them suitable for a variety of residential, commercial and industrial applications.



PENTEK
Pentair Water

R SERIES

Pleated Polyester Cartridges



Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating* (nominal)	Initial ΔP (psi) @ Flow Rate (gpm)
R30-478	2 5/8" x 4 7/8" (67 mm x 124 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
R30	2 5/8" x 9 3/4" (67 mm x 248 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
R50	2 5/8" x 9 3/4" (67 mm x 248 mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
R30-20	2 5/8" x 20" (67 mm x 508 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
R30-BB	4 1/2" x 9 3/4" (114 mm x 248 mm)	30	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
R50-BB	4 1/2" x 9 3/4" (114 mm x 248 mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
R30-20BB	4 1/2" x 20" (114 mm x 508 mm)	30	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)

* Based on manufacturer's internal testing

Materials of Construction

Filter Media	Non-Woven Polyester
End Caps	Vinyl Plastisol
Core	Polypropylene
Temperature Rating	40–125°F (4.4–51.7°C)

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



The R50-BB is Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

