PENTAIR

LENNTECH

PENTEK® R SERIES
PLEATED POLYESTER CARTRIDGES

VERSATILE, REUSABLE DESIGN WITH SUPERIOR DIRT HOLDING CAPACITY



Pentair® Pentek® 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. The pleated endcaps of the standard cartridges are immersed in a thermo-setting vinyl plastisol. The Big Blue® cartridges have a molded endcap with gaskets. The pleated ends are sealed to the endcap with a thermoplastic adhesive. The overlap seam is sonically welded to reduce internal bypass improving filtration efficiency.

The standard 9.75" 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.

FEATURES/BENEFITS

Pleated design maximizes dirt holding capacity

Versatile and reusable, allowing for a variety of uses

Durable polyester media is bacteria- and chemical-resistant

R30: Nominal 30 micron rating
R50: Nominal 50 micron rating

Lengths: 4.88", 10", 20"

SPECIFICATIONS

Filter Media – Non-woven polyester

Standard Endcaps – Vinyl plastisol

Big Blue Endcaps – Polypropylene

Core – Polypropylene

Temperature Rating – 40-125°F (4.4-51.7°C)

SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING* (NOMINAL)	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
R30-478	155031-43	2.63" x 4.88" (67 mm x 124 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30	155017-43	2.63" x 9.75" (67 mm x 248 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R50	155038-43	2.63" x 9.75" (67 mm x 248 mm)	50 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30-20	155416-43	2.63" x 20" (67 mm x 508 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30-BB	155101-43	4.50" x 9.75" (114 mm x 248 mm)	30 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R50-BB	155053-43	4.50" 9.75" (114 mm x 248 mm)	50 micron	<1 psi @ 10 gpm (<0.07 bar @ 38 Lpm)
R30-20BB	155430-43	4.50" x 20" (114 mm x 508 mm)	30 micron	<1 psi @ 20 gpm (<0.07 bar @ 76 Lpm)

*Based on manufacturer's internal testing.
WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.