

PENTEK S1 SERIES PLEATED CELLULOSE CARTRIDGES

ECONOMICAL, GENERAL-PURPOSE FILTRATION FOR SEDIMENT



Pentair[®] Pentek[®] S1 Series Cartridges are manufactured from a pleated cellulose media and are designed for general water filtration purposes. 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 bypass, improving filtration efficiency.

S1 Series Cartridges are economically priced and highly effective at reducing sediment particles down to 20 microns in size.

FEATURES/BENEFITS

Pleated design maximizes dirt holding capacity

Designed for general water filtration purposes

Recommended for chlorinated water supplies

Economically priced

Nominal 20 micron rating

Lengths: 10", 20"

SPECIFICATIONS

Filter Media – Resin-impregnated cellulose

Standard Endcaps – Vinyl plastisol

Big Blue Endcaps – Polypropylene

Core – Polypropylene

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

SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
S1	155001-43	2.63" x 9.75" (67 mm x 248 mm)	20 micron	2.4 psi @ 10 gpm (0.17 bar @ 38 Lpm)
S1-20	155303-43	2.63" x 20" (67 mm x 508 mm)	20 micron	0.8 psi @ 10 gpm (0.06 bar @ 38 Lpm)
S1-BB*	155405-43	4.50" x 9.75" (114 mm x 248 mm)	20 micron	1.2 psi @ 10 gpm (0.08 bar @ 38 Lpm)
S1-20BB*	155305-43	4.50" x 20" (114 mm x 508 mm)	20 micron	1.2 psi @ 10 gpm (0.08 bar @ 38 Lpm)

*S1-BB and S1-20BB are for use in 10" and 20" Pentek Big Blue Housings and BBFS Systems only.

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

