ECP1-20

ECP20-20BB

ECP50-BB

ECP5-10

ECP SERIES PLEATED CELLULOSE POLYESTER CARTRIDGES

• **Replaces CP and HFCP Series cartridges**

• **Special formulation of resin-impregnated cellulose and polyester fibers**

• **Provides higher wet strength than regular cellulose cartridges**

• **Minimal unloading and media migration**

ECP Series cartridges are manufactured from a special formulation of resin-impregnated cellulose and polyester fibers.

This unique blend of materials provides a higher wet strength than regular cellulose cartridges. It also provides high flow rates and dirt-holding capacity, while maintaining extremely low pressure drop.

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 block in this fashion fuses the components together forming a unified endcap and gasket.

ECP Series cartridge endcaps feature a color-coding system for easy identification of micron ratings: Tan (1-micron), White (5-micron), Blue (20-micron), Yellow (50-micron).
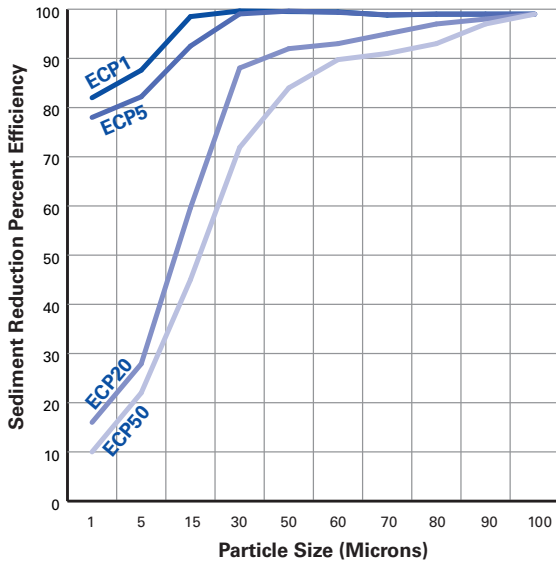
ECP cartridges contain more media surface area than most competitive cartridges. The standard 10-inch ECP cartridge contains six square feet of media, where most cartridges contain only 4.5 square feet. Other available ECP cartridge sizes contain the following amount of media:
• Standard 20-inch cartridge – 12 ft^2
• 10-inch BB cartridge – 18 ft^2
• 20-inch BB cartridge – 36 ft^2

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ECP SERIES
Pleated Cellulose Polyester Cartridges

Cartridge Specifications and Performance Data

Model	Endcap Color	Maximum Dimensions	Micron Rating (Nominal)	Initial ΔP (psi) @ Flow Rate (gpm)
ECP1-10	Tan	2⅝" x 9¾" (67mm x 248mm)	1	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP5-10	White	2⅝" x 9¾" (67mm x 248mm)	5	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP20-10	Blue	2⅝" x 9¾" (67mm x 248mm)	20	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP50-10	Yellow	2⅝" x 9¾" (67mm x 248mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP1-20	Tan	2⅝" x 20" (67mm x 508mm)	1	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP5-20	White	2⅝" x 20" (67mm x 508mm)	5	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP20-20	Blue	2⅝" x 20" (67mm x 508mm)	20	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP50-20	Yellow	2⅝" x 20" (67mm x 508mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP1-BB	Tan	4½" x 9¾" (114mm x 248mm)	1	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP5-BB	White	4½" x 9¾" (114mm x 248mm)	5	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP20-BB	Blue	4½" x 9¾" (114mm x 248mm)	20	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP50-BB	Yellow	4½" x 9¾" (114mm x 248mm)	50	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP1-20BB	Tan	4½" x 20" (114mm x 508mm)	1	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP5-20BB	White	4½" x 20" (114mm x 508mm)	5	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP20-20BB	Blue	4½" x 20" (114mm x 508mm)	20	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP50-20BB	Yellow	4½" x 20" (114mm x 508mm)	50	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)

Materials of Construction

Media	Cellulose Polyester
Core	Polypropylene
Endcaps	Vinyl Plastisol
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.

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Pentair Water

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