



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<sup>2</sup>
- 10-inch BB cartridge – 18 ft<sup>2</sup>
- 20-inch BB cartridge – 36 ft<sup>2</sup>



**PENTEK**  
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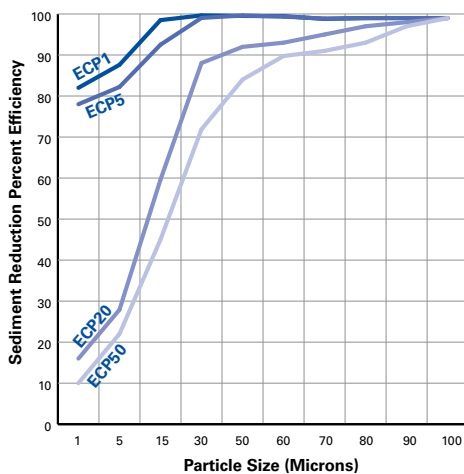
Sales Ph +64 9 309 0048 • sales@generalmarine.co.nz

Service Ph +64 9 368 0938 • service@generalmarine.co.nz

[www.generalmarine.co.nz](http://www.generalmarine.co.nz)

## 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	2 5/8" x 9 3/4" (67mm x 248mm)	1	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP5-10	White	2 5/8" x 9 3/4" (67mm x 248mm)	5	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP20-10	Blue	2 5/8" x 9 3/4" (67mm x 248mm)	20	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP50-10	Yellow	2 5/8" x 9 3/4" (67mm x 248mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP1-20	Tan	2 5/8" x 20" (67mm x 508mm)	1	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP5-20	White	2 5/8" x 20" (67mm x 508mm)	5	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP20-20	Blue	2 5/8" x 20" (67mm x 508mm)	20	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP50-20	Yellow	2 5/8" x 20" (67mm x 508mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP1-BB	Tan	4 1/2" x 9 3/4" (114mm x 248mm)	1	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP5-BB	White	4 1/2" x 9 3/4" (114mm x 248mm)	5	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP20-BB	Blue	4 1/2" x 9 3/4" (114mm x 248mm)	20	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP50-BB	Yellow	4 1/2" x 9 3/4" (114mm x 248mm)	50	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP1-20BB	Tan	4 1/2" x 20" (114mm x 508mm)	1	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP5-20BB	White	4 1/2" x 20" (114mm x 508mm)	5	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP20-20BB	Blue	4 1/2" x 20" (114mm x 508mm)	20	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
ECP50-20BB	Yellow	4 1/2" 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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