



ECP1-20



ECP50-BB

ECP5-10

ECP20-20BB

ECP SERIES PLEATED CELLULOSE POLYESTER CARTRIDGES

- Replaces CP and HFPC 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).

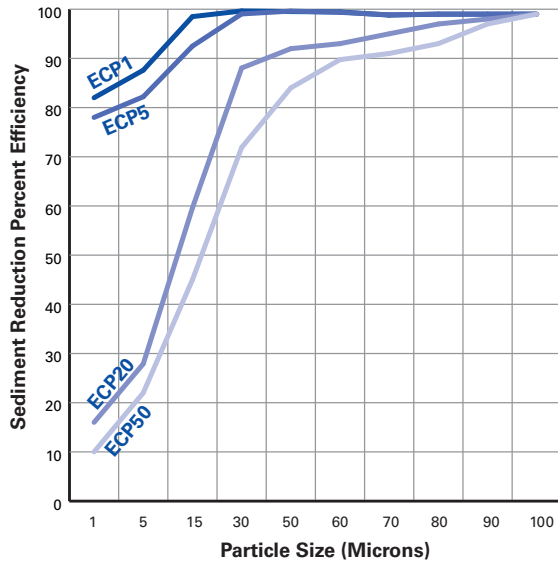
ECP cartridges contain more media surface area than most competitive cartridges. The standard 10-inch ECP cartridge contains six square feet of media, where most cartridges contain only 4.5 square feet. Other available ECP cartridge sizes contain the following amount of media:

- Standard 20-inch cartridge – 12 ft²
- 10-inch BB cartridge – 18 ft²
- 20-inch BB cartridge – 36 ft²



ECP SERIES

Plated 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	2½" x 9¾" (67mm x 248mm)	1	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP5-10	White	2½" x 9¾" (67mm x 248mm)	5	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP20-10	Blue	2½" x 9¾" (67mm x 248mm)	20	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP50-10	Yellow	2½" x 9¾" (67mm x 248mm)	50	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP1-20	Tan	2½" x 20" (67mm x 508mm)	1	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP5-20	White	2½" x 20" (67mm x 508mm)	5	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP20-20	Blue	2½" x 20" (67mm x 508mm)	20	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
ECP50-20	Yellow	2½" 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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WP10P20BB	Cartridge Wound PP 10µm 20" Big Blt	10	6
WP25P20BB	Cartridge Wound PP 25µm 20" Big Blt	25	6
WP50P20BB	Cartridge Wound PP 50µm 20" Big Blt	50	6
WP75P20BB	Cartridge Wound PP 75µm 20" Big Blt	75	6
WP100P20BB	Cartridge Wound PP 100µm 20" Big B	100	6

**Standard
9 3/4"**

WWP1P9	Cartridge Wound Washed PP 1µm 9 3/4"	1	30
WWP5P9	Cartridge Wound Washed PP 5µm 9 3/4"	5	30
WWP10P9	Cartridge Wound Washed PP 10µm 9 3/4"	10	30
WWP25P9	Cartridge Wound Washed PP 25µm 9 3/4"	25	30
WWP75P9	Cartridge Wound Washed PP 75µm 9 3/4"	75	30
WWP100P9	Cartridge Wound Washed PP 100µm 9 3/4"	100	30

9 7/8"

WWP1P9.8	Cartridge Wound Washed PP 1µm 9 7/8"	1	30
WWP5P9.8	Cartridge Wound Washed PP 5µm 9 7/8"	5	30
WWP10P9.8	Cartridge Wound Washed PP 10µm 9 7/8"	10	30
WWP25P9.8	Cartridge Wound Washed PP 25µm 9 7/8"	25	30
WWP75P9.8	Cartridge Wound Washed PP 75µm 9 7/8"	75	30
WWP100P9.8	Cartridge Wound Washed PP 100µm 9 7/8"	100	30

10"

WWP1P10	Cartridge Wound Washed PP 1µm 10"	1	30
WWP5P10	Cartridge Wound Washed PP 5µm 10"	5	30
WWP10P10	Cartridge Wound Washed PP 10µm 10"	10	30
WWP25P10	Cartridge Wound Washed PP 25µm 10"	25	30
WWP75P10	Cartridge Wound Washed PP 75µm 10"	75	30
WWP100P10	Cartridge Wound Washed PP 100µm 10"	100	30

19 1/2"

WWP1P19	Cartridge Wound Washed PP 1µm 19 1/2"	1	15
WWP5P19	Cartridge Wound Washed PP 5µm 19 1/2"	5	15
WWP10P19	Cartridge Wound Washed PP 10µm 19 1/2"	10	15
WWP25P19	Cartridge Wound Washed PP 25µm 19 1/2"	25	15
WWP75P19	Cartridge Wound Washed PP 75µm 19 1/2"	75	15
WWP100P19	Cartridge Wound Washed PP 100µm 19 1/2"	100	15

20"

WWP1P20	Cartridge Wound Washed PP 1µm 20"	1	15
WWP5P20	Cartridge Wound Washed PP 5µm 20"	5	15
WWP10P20	Cartridge Wound Washed PP 10µm 20"	10	15
WWP25P20	Cartridge Wound Washed PP 25µm 20"	25	15
WWP75P20	Cartridge Wound Washed PP 75µm 20"	75	15
WWP100P20	Cartridge Wound Washed PP 100µm 20"	100	15

29 1/4"

WWP1P29	Cartridge Wound Washed PP 1µm 29 1/4"	1	20
WWP5P29	Cartridge Wound Washed PP 5µm 29 1/4"	5	20
WWP10P29	Cartridge Wound Washed PP 10µm 29 1/4"	10	20
WWP25P29	Cartridge Wound Washed PP 25µm 29 1/4"	25	20
WWP75P29	Cartridge Wound Washed PP 75µm 29 1/4"	75	20
WWP100P29	Cartridge Wound Washed PP 100µm 29 1/4"	100	20

30"

WWP1P30	Cartridge Wound Washed PP 1µm 30"	1	20
WWP5P30	Cartridge Wound Washed PP 5µm 30"	5	20
WWP10P30	Cartridge Wound Washed PP 10µm 30"	10	20
WWP25P30	Cartridge Wound Washed PP 25µm 30"	25	20
WWP75P30	Cartridge Wound Washed PP 75µm 30"	75	20
WWP100P30	Cartridge Wound Washed PP 100µm 30"	100	20

39 1/2"

WWP1P39	Cartridge Wound Washed PP 1µm 39 1/2"	1	20
WWP5P39	Cartridge Wound Washed PP 5µm 39 1/2"	5	20
WWP10P39	Cartridge Wound Washed PP 10µm 39 1/2"	10	20
WWP25P39	Cartridge Wound Washed PP 25µm 39 1/2"	25	20
WWP75P39	Cartridge Wound Washed PP 75µm 39 1/2"	75	20
WWP100P39	Cartridge Wound Washed PP 100µm 39 1/2"	100	20

40"

WWP1P40	Cartridge Wound Washed PP 1µm 40"	1	20
WWP5P40	Cartridge Wound Washed PP 5µm 40"	5	20
WWP10P40	Cartridge Wound Washed PP 10µm 40"	10	20
WWP25P40	Cartridge Wound Washed PP 25µm 40"	25	20
WWP75P40	Cartridge Wound Washed PP 75µm 40"	75	20
WWP100P40	Cartridge Wound Washed PP 100µm 40"	100	20

20"

WC1S20	Cartridge Wound Cotton 1µm 20"	1	15
WC5S20	Cartridge Wound Cotton 5µm 20"	5	15
WC10S20	Cartridge Wound Cotton 10µm 20"	10	15
WC25S20	Cartridge Wound Cotton 25µm 20"	25	15
WC50S20	Cartridge Wound Cotton 50µm 20"	50	15
WC75S20	Cartridge Wound Cotton 75µm 20"	75	15
WC100S20	Cartridge Wound Cotton 100µm 20"	100	15

30"

WC1S30	Cartridge Wound Cotton 1µm 30"	1	20
WC5S30	Cartridge Wound Cotton 5µm 30"	5	20
WC10S30	Cartridge Wound Cotton 10µm 30"	10	20
WC25S30	Cartridge Wound Cotton 25µm 30"	25	20
WC50S30	Cartridge Wound Cotton 50µm 30"	50	20
WC75S30	Cartridge Wound Cotton 75µm 30"	75	20
WC100S30	Cartridge Wound Cotton 100µm 30"	100	20

39 1/2"

WC1S39	Cartridge Wound Cotton 1µm 39 1/2"	1	20
WC5S39	Cartridge Wound Cotton 5µm 39 1/2"	5	20
WC10S39	Cartridge Wound Cotton 10µm 39 1/2"	10	20
WC25S39	Cartridge Wound Cotton 25µm 39 1/2"	25	20
WC50S39	Cartridge Wound Cotton 50µm 39 1/2"	50	20
WC75S39	Cartridge Wound Cotton 75µm 39 1/2"	75	20
WC100S39	Cartridge Wound Cotton 100µm 39 1/2"	100	20

Size 1

19PP001-1GLEP	Filter Bag Size 1 Felt Polypropylene 1µm	1	40
19PP005-1GLEP	Filter Bag Size 1 Felt Polypropylene 5µm	5	40
19PP010-1GLEP	Filter Bag Size 1 Felt Polypropylene 10µm	10	40
19PP025-1GLEP	Filter Bag Size 1 Felt Polypropylene 25µm	25	40
19PP050-1GLEP	Filter Bag Size 1 Felt Polypropylene 50µm	50	40
19PP100-1GLEP	Filter Bag Size 1 Felt Polypropylene 100µm	100	40
19PP200-1GLEP	Filter Bag Size 1 Felt Polypropylene 200µm	200	40

Size 2

19PP001-2GLEP	Filter Bag Size 2 Felt Polypropylene 1µm	1	40
19PP005-2GLEP	Filter Bag Size 2 Felt Polypropylene 5µm	5	40
19PP010-2GLEP	Filter Bag Size 2 Felt Polypropylene 10µm	10	40
19PP025-2GLEP	Filter Bag Size 2 Felt Polypropylene 25µm	25	40
19PP050-2GLEP	Filter Bag Size 2 Felt Polypropylene 50µm	50	40
19PP100-2GLEP	Filter Bag Size 2 Felt Polypropylene 100µm	100	40
19PP200-2GLEP	Filter Bag Size 2 Felt Polypropylene 200µm	200	40

**Standard
9 3/4"**

WK1S9K	Cartridge Wound Glass Fiber 1µm 9 3/4"	1	30
WK5S9K	Cartridge Wound Glass Fiber 5µm 9 3/4"	5	30
WK10S9K	Cartridge Wound Glass Fiber 10µm 9 3/4"	10	30
WK25S9K	Cartridge Wound Glass Fiber 25µm 9 3/4"	25	30
WK50S9K	Cartridge Wound Glass Fiber 50µm 9 3/4"	50	30
WK75S9K	Cartridge Wound Glass Fiber 75µm 9 3/4"	75	30
WK100S9K	Cartridge Wound Glass Fiber 100µm 9 3/4"	100	30

10"

WK1S10K	Cartridge Wound Glass Fiber 1µm 10"	1	30
WK5S10K	Cartridge Wound Glass Fiber 5µm 10"	5	30
WK10S10K	Cartridge Wound Glass Fiber 10µm 10"	10	30
WK25S10K	Cartridge Wound Glass Fiber 25µm 10"	25	30
WK50S10K	Cartridge Wound Glass Fiber 50µm 10"	50	30
WK75S10K	Cartridge Wound Glass Fiber 75µm 10"	75	30
WK100S10K	Cartridge Wound Glass Fiber 100µm 10"	100	30

19 1/2"

WK1S19K	Cartridge Wound Glass Fiber 1µm 19 1/2"	1	15
WK5S19K	Cartridge Wound Glass Fiber 5µm 19 1/2"	5	15
WK10S19K	Cartridge Wound Glass Fiber 10µm 19 1/2"	10	15
WK25S19K	Cartridge Wound Glass Fiber 25µm 19 1/2"	25	15
WK50S19K	Cartridge Wound Glass Fiber 50µm 19 1/2"	50	15
WK75S19K	Cartridge Wound Glass Fiber 75µm 19 1/2"	75	15
WK100S19K	Cartridge Wound Glass Fiber 100µm 19 1/2"	100	15

20"

WK1S20K	Cartridge Wound Glass Fiber 1µm 20"	1	15
WK5S20K	Cartridge Wound Glass Fiber 5µm 20"	5	15
WK10S20K	Cartridge Wound Glass Fiber 10µm 20"	10	15
WK25S20K	Cartridge Wound Glass Fiber 25µm 20"	25	15
WK50S20K	Cartridge Wound Glass Fiber 50µm 20"	50	15
WK75S20K	Cartridge Wound Glass Fiber 75µm 20"	75	15
WK100S20K	Cartridge Wound Glass Fiber 100µm 20"	100	15

30"

WK1S30K	Cartridge Wound Glass Fiber 1µm 30"	1	20
WK5S30K	Cartridge Wound Glass Fiber 5µm 30"	5	20
WK10S30K	Cartridge Wound Glass Fiber 10µm 30"	10	20
WK25S30K	Cartridge Wound Glass Fiber 25µm 30"	25	20
WK50S30K	Cartridge Wound Glass Fiber 50µm 30"	50	20
WK75S30K	Cartridge Wound Glass Fiber 75µm 30"	75	20
WK100S30K	Cartridge Wound Glass Fiber 100µm 30"	100	20

39 1/2"

WK1S39K	Cartridge Wound Glass Fiber 1µm 39 1/2"	1	20
WK5S39K	Cartridge Wound Glass Fiber 5µm 39 1/2"	5	20
WK10S39K	Cartridge Wound Glass Fiber 10µm 39 1/2"	10	20
WK25S39K	Cartridge Wound Glass Fiber 25µm 39 1/2"	25	20
WK50S39K	Cartridge Wound Glass Fiber 50µm 39 1/2"	50	20
WK75S39K	Cartridge Wound Glass Fiber 75µm 39 1/2"	75	20
WK100S39K	Cartridge Wound Glass Fiber 100µm 39 1/2"	100	20

40"

WK1S40K	Cartridge Wound Glass Fiber 1µm 40"	1	20
WK5S40K	Cartridge Wound Glass Fiber 5µm 40"	5	20
WK10S40K	Cartridge Wound Glass Fiber 10µm 40"	10	20
WK25S40K	Cartridge Wound Glass Fiber 25µm 40"	25	20
WK50S40K	Cartridge Wound Glass Fiber 50µm 40"	50	20
WK75S40K	Cartridge Wound Glass Fiber 75µm 40"	75	20
WK100S40K	Cartridge Wound Glass Fiber 100µm 40"	100	20

40"

WC1S40	Cartridge Wound Cotton 1µm 40"	1	20
WC5S40	Cartridge Wound Cotton 5µm 40"	5	20
WC10S40	Cartridge Wound Cotton 10µm 40"	10	20
WC25S40	Cartridge Wound Cotton 25µm 40"	25	20
WC50S40	Cartridge Wound Cotton 50µm 40"	50	20
WC75S40	Cartridge Wound Cotton 75µm 40"	75	20
WC100S40	Cartridge Wound Cotton 100µm 40"	100	20