

BC Series Sediment Filter Cartridges



Envirogard's BC series sediment filter cartridges are specifically designed for high-flow dirt removal applications such as high-flow UV pre-filtration, Point of Entry (POE) filtration, etc.



The BC series filter cartridges are manufactured using 100% polypropylene, which is approved for food contact use. No additives or binders are used during the manufacturing process, resulting in a pure product that does not leech out extractables in the process.

The BC filter cartridges exhibit high dirt holding capacities and have excellent contaminant removal efficiencies at the rated micron size. Because of their large surface area and volume, they also exhibit excellent flow characteristics, making these filters an excellent choice for any high-flow water filtration application.

FEATURES

- Made up of premium grade polypropylene.
- Highly effective in reduction of particles at rated micron size.
- Choice of multiple lengths – 10" & 20".
- Choice of various micron ratings, 1 μ , 5 μ and 25 μ (micron) nominal.
- Large surface area and over 1" bed depth.
- Resistant to media migration even under high differential pressure.
- High surface area.
- All components approved for food contact use.

SPECIFICATIONS

Model	Micron Rating nominal	Length (Inch)	O.D (Inch)	I.D (Inch)	Cartridge Type	Rated Service Flow	Surface Area (Sq Inch)	Max. Operating Temp
BC101	1 μ	10"	4 5/8"	1"	Double Open End	20 gpm	138 in ²	100°F (~38°C)
BC201	1 μ	20"	-do-	-do-	-do-	40 gpm	176 in ²	-do-
BC1	5 μ	10"	-do-	-do-	-do-	20 gpm	138 in ²	-do-
BC205	5 μ	20"	-do-	-do-	-do-	40 gpm	176 in ²	-do-
BC3	25 μ	10"	-do-	-do-	-do-	20 gpm	138 in ²	-do-
BC225	25 μ	20"	-do-	-do-	-do-	40 gpm	176 in ²	-do-

NOTE: Not intended for making microbiologically safe water. If used on untreated waters, adequate disinfection should be carried out before or after the filters.

BENEFITS

- ◆ Efficient sediment removal over long life
- ◆ Higher flow rates
- ◆ Low differential pressure.
- ◆ Resistant to media migration.
- ◆ Available in 10" and 20" nominal lengths



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