Activated Carbon Cartridges

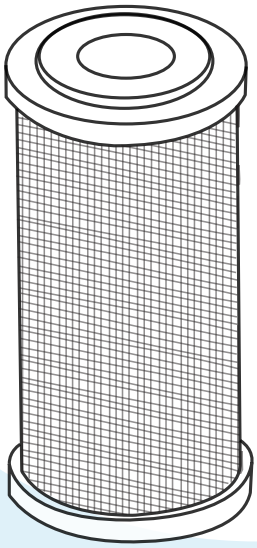
EP SERIES and CARBOFLOW MX industrial cartridges ranges

FILTRATION

EP SERIES AND CARBOFLOW MX ACTIVATED CARBON CARTRIDGES

The activated carbon cartridges of the EP SERIES and CARBOFLOW MX ranges have been designed to meet the most demanding requirements in terms of dechlorination of process waters and treatment of organic matter.

- Highly purified activated carbon undergoing an acid wash.
- FDA tested and certified for contact with food.
- NSF 42 tested and certified.
- High capacity due to the carbon porosity which prevents the cartridge from plugging prematurely.
- Low particle release.
- Optimized life time with outer wrap.
- Radial flux.
- No channeling due to the media consistency.



APPLICATIONS

- Dechlorination on purified water treatment unit.
- Purification of the surface treatment baths.
- Dechlorination for drinking water fountains.
- Treatment of industrial organic waste water.

Activated Carbon Cartridges

Range

References		Outer diameter (mm)		Inner diameter (mm)	Length (mm)	Recommended flow rate (l/h)	Dechlorination capacity (liters)	Initial pressure drop (bars) in recommended flow rate
EP SERIES	CARBOFLOW MX	EP	CARBOFLOW					
EP 10	C10M20E	72	68	27	248	228	22 700	0.23
EP 20	C20M20E	72	68	27	508	456	45 500	0.23
EP 30	C30M20E	72	68	27	762	684	68 100	0.23
EP 40	C40M20E	72	68	27	1016	912	90 800	0.23

- *Do not use with a water contaminated by bacteria or likely to be contaminated without an upflow and downflow disinfection system.*
- *Dechlorination capacity estimated with 2 ppm free chlorine and 90% flow rate reduction versus the recommended flow rate.*
- *Filtration rating obtained with counting tests using the ACFTD standard.*

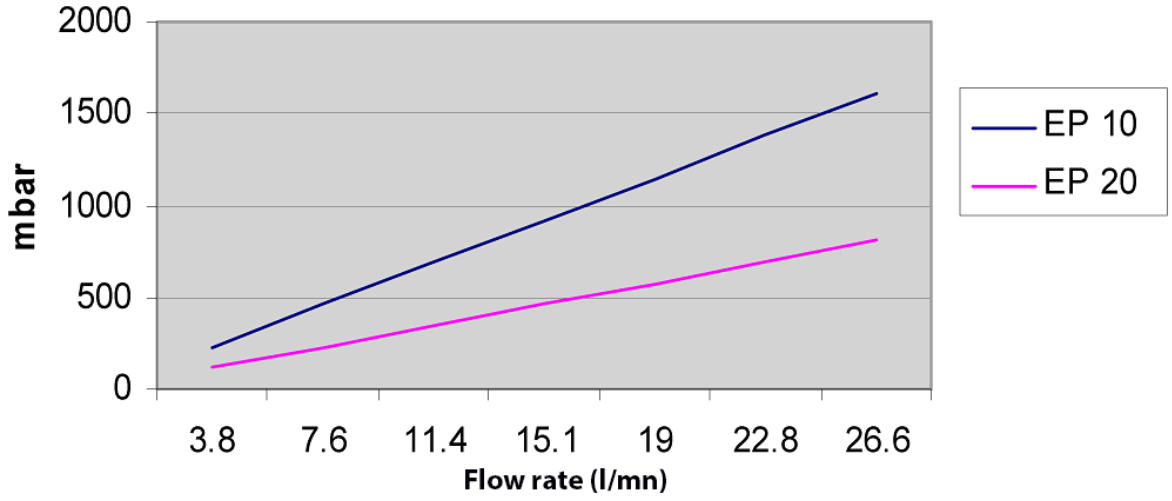
Technical characteristics

- Filtration rating : 5µm nominal at 85%
- Maximum temperature : 60,0°C
- Specific carbon area ≥ 1000m²/gr
- Iodine index value ≥ 900

Manufacturing materials

Media	Agglomerated activated carbon with polyethylene binder
Outer wrap	Polyolefin
Endcaps	Polypropylene
Netting	Polyethylene
Gaskets	Buna-N

Pressure drop chart



These values are obtained using clean water with 10” and 20” cartridges.

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