

MCE Type (Adsorption [Active Carbon])

The MCE cartridge is an activated carbon filter cartridge consisting of coconut shell activated carbon with a superior adsorption performance. The MCE cartridges show an excellent removal performance of low-molecular-weight organic substances that degrade the solutions quality in surface treatment solutions like plating solution as well as water treatment applications.

Features

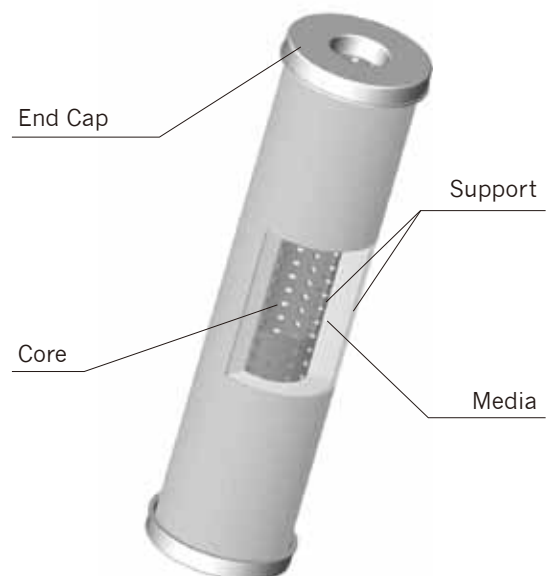
- Using coconut shell activated carbon, the MCE cartridges are suitable for the removal of low-molecular-weight organic materials that degrade the solutions quality in surface treatment solutions and water treatment solutions.
- With high adsorption performance even at a high flow rate, the MCE can handle the process with a significant smaller number of the cartridges compared to conventional activated carbon filter cartridges, resulting in initial cost reduction and downsizing.
- Easy to handle as activated carbon fiber shedding and particle release to the downstream is very small.



Major Applications

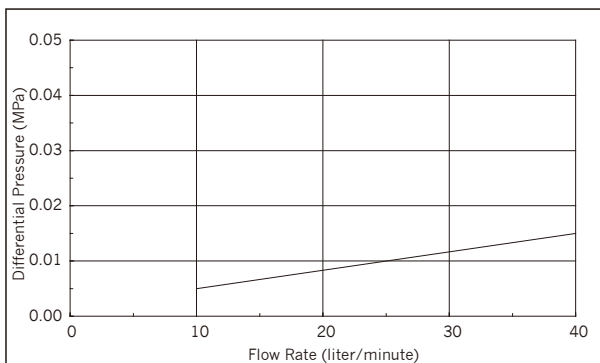
- Removal of low-molecular-weight organic substances in plating solutions.
- Removal of organic substances in surface treatment solutions.
- Declination of chromaticity and removal of smell in liquids.
- Removal of free chlorine in water.

Materials of Construction



Differential Pressure vs Flow Rate

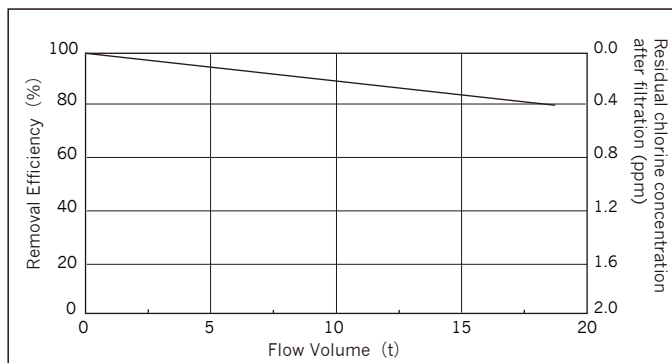
Fluid: Refined water (20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Free Residual Chlorine Removal Efficiency

Free Residual Chlorine Removal Efficiency per 250L-MCE-S25 (in water)
Raw Water Condition / Free Residual Chlorine Concentration: 2±0.2ppm
Water Temperature: 20°C Flow Rate: 5 liter/minute



*The above data are based on our test condition, and are not guaranteed value.

Ordering Information

250L



[Nominal Length]
250 = 250mm
500 = 500mm
750 = 750mm

-

MCE



[Product Type]

-

S25



[Type of Activated Carbon]

F



[Packaging Code]
750L → B = 6pcs
500L → C = 10pcs
250L → F = 25pcs

Specification

Product Type		MCE
Dimen- sions	Length (mm)	250 / 500 / 750
	O.D. (mm)	61.5
	I. D. (mm)	30.0
Materials Media	Media	Coconut shell activated carbon
	Support	PET / PE
	Binder	High Density PE
	Core	Polypropylene
	End Cap	Formed Polyethylene
Maximum ΔP (MPa)at 20°C		0.49
Maximum Operating Temp.(°C)		80

※If you need further information on specifications (length, end cap type, etc.), please contact us.

End Cap Code

Code P



*The contents of the catalog is subject to change without notice.