

MICRO-CHARCOAL
MCE Type
Major Applications

Plating solution (for adsorption of low molecular weight organic matter)

Organic dye and odor removal

Residual chlorine removal


Features

- Uses coconut shell activated carbon, which is excellent at removing low molecular weight organic matter.
- Activated carbon spill prevention layer placed on the downstream side

Advantages

- High adsorption efficiency and economy.
- Control of activated carbon outflow to the downstream side

Structure

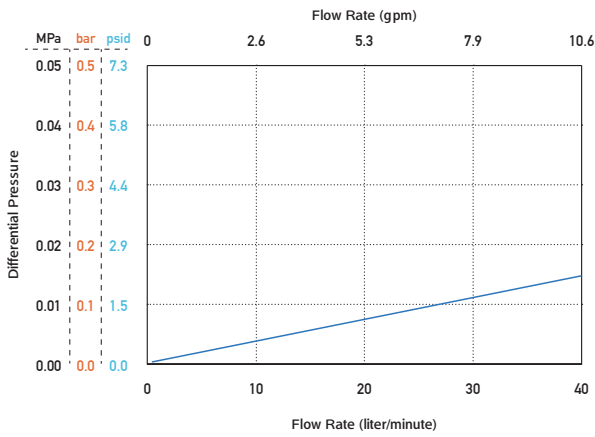
Specifications

Materials	Media	Coconut shell activated carbon
	Core	Polypropylene
	Support	Polyester / Polyethylene non-woven fabric
	Binder	High Density Polyethylene
	End Cap	Foamed Polyethylene
	Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)
	Maximum Operating Temp	80°C (176°F)
Dimensions	Length	250 / 500 / 750 mm
	O.D.	67.0mm
	I.D.	25.5mm

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

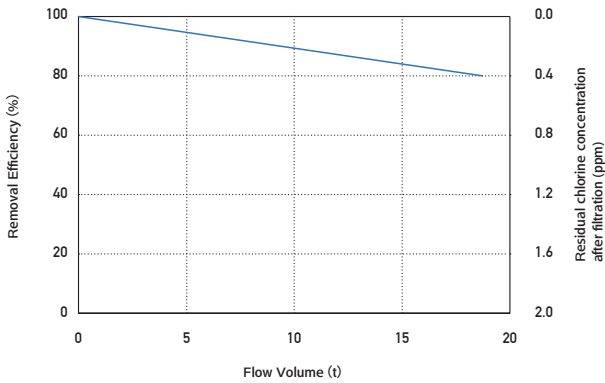
Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



Free Residual Chlorine Removal Efficiency

Free Residual Chlorine Removal Efficiency per 250L-MCE-S25 (in water)
 Raw Water Condition / Free Residual Chlorine Concentration: 2 ± 0.2 ppm
 Water Temperature: 20°C (68°F) / Flow Rate: 5 liter/minute



Ordering Information

Length	Product Type	Type of Activated Carbon	Packaging Code
2 5 0 L	-MCE-	S25	F
250 = 250 mm 500 = 500 mm 750 = 750 mm			B = 6pcs (Length 750mm) C = 10pcs (Length 500mm) F = 25pcs (Length 250mm)

End Cap



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

*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope
 Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



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