



## 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



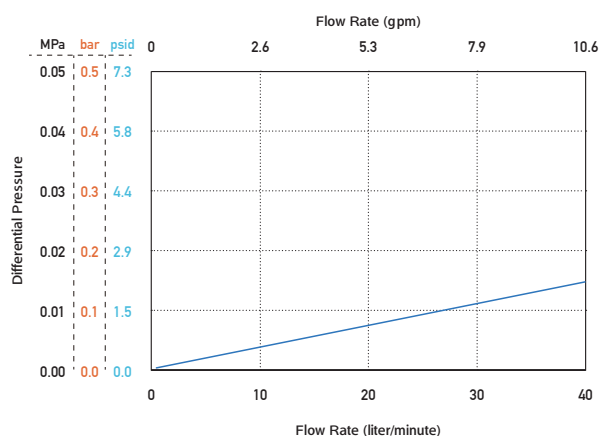
## Specifications

Materials	Media	Coconut shell activated carbon
	Core	Polypropylene
	Support	Polyester / Polyethylene non-woven fabric
	Binder	High Density Polyethylene
	End Cap	Foamed Polyethylene
Maximum $\Delta P$		0.49MPa at 20°C (71psi at 68°F)
Maximum Operating Temp		60°C (140°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.

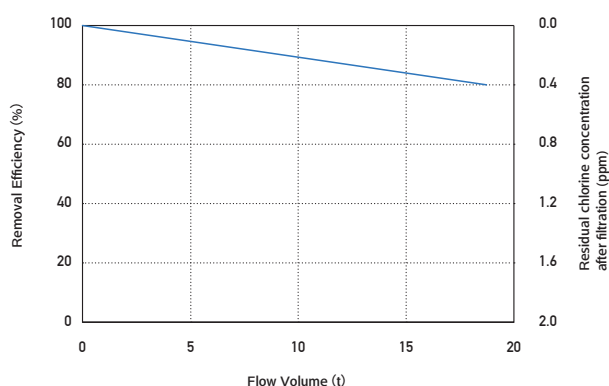
## Differential Pressure vs Flow Rate

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:  $2 \pm 0.2$ ppm  
Water Temperature: 20°C (68°F) Flow Rate: 5 liter/minute



## Ordering Information

Length	Product Type	Type of Activated Carbon	Packaging Code
<div>250 L</div> <div>250 = 250 mm</div> <div>500 = 500 mm</div> <div>750 = 750 mm</div>	-MCE-	S25	<div>F</div> <div>B = 6pcs (Length 750mm)</div> <div>C = 10pcs (Length 500mm)</div> <div>F = 25pcs (Length 250mm)</div>

## 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.



8th Issue  
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