

## MCE<sub>Type</sub>

(Adsorption)

### 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.



### Features & Benefits

- **Coconut shell active carbon optimized for removal of low molecular weight organic substances**
  - Broad micropores are optimal to remove organic substances which deteriorate surface treatment solutions such as plating solutions.
- **Suppression of active carbon release**
  - Sintered activated carbon filter media are used.
  - There is an activated carbon outflow prevention layer on the down stream side.
- **Can be used for food applications**
  - Conforms to standards for food additives.

### Materials of Construction

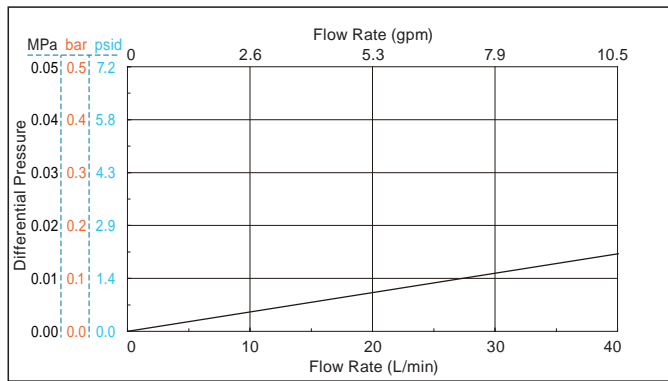


### Specification

Product Type		MCE
Dimensions	O.D. (mm)	67.0
	I. D. (mm)	27.0
Materials	Media	Coconut shell activated carbon
	Support	PET / PE
	Binder	High Density PE
	Core	Polypropylene
	End Cap	Formed Polyethylene
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)
Maximum Operating Temp.		80°C (176°F)

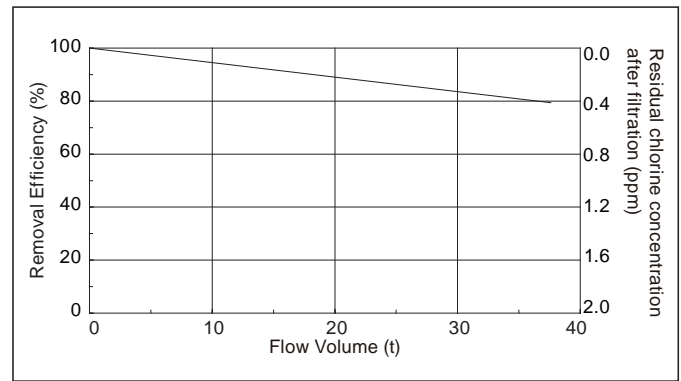
\* If you need further information on specifications (length, end cap type, etc.), please contact us.

## Flow Rate



Fluid: Refined Water (20°C) Cartridge Length: 250mm  
 \* The data does 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 is based on our test condition, and is not guaranteed value.

## Ordering Information

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↓			↓				↓			↓
[ Nominal Length ]			[ Product Type ]				[ Type of Activated Carbon ]			[ Packaging Code ]
250 = 250mm										750 L → B = 6pcs
500 = 500mm										500 L → C = 10pcs
750 = 750mm										250 L → F = 25pcs

## End Cap Code



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.

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