

High heat-resistant binder-free cartridge filter

# CP FILTER®

## Type H

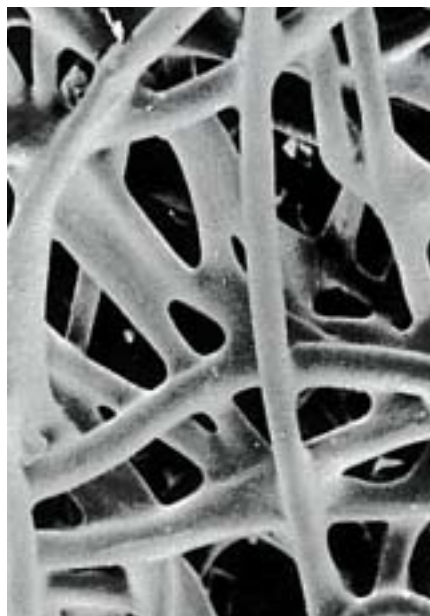


### Construction :

CPH filter is constructed using 100% thermobondable polyester fiber. The stable pores are formed by thermobonding where the fibers come into contact with each other. Furthermore, it has an ideal fiber density gradient towards the center of the filter element.



ISO 9002  
Moriyama Plant  
JCQA-0215



### Features & Benefits :

Stable filter rating

Long service life

High flow rate - Low differential pressure

Withstand high heat and high differential pressure

Very stable pore size and free of media migration

Excellent chemical compatibility

# CP FILTER Type H

## Product specifications

### Product range

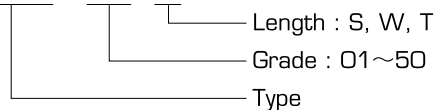
Grade	01	03	05	10	25	50
Nominal filter rating ( $\mu\text{m}$ )	1	3	5	10	25	50

### Size

Outside diameter	62mm
Inside diameter	28mm
Length	S=250, W=500, T=750mm

### Product coding

**CPH - 01 S**

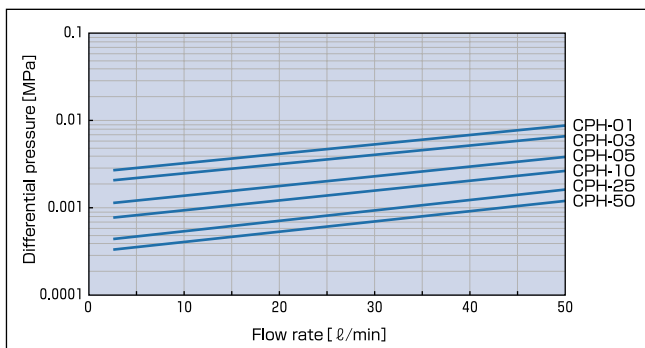


### Sales unit

Length	Pieces per unit
<b>S [250mm]</b>	50
<b>W [500mm]</b>	25
<b>T [750mm]</b>	20

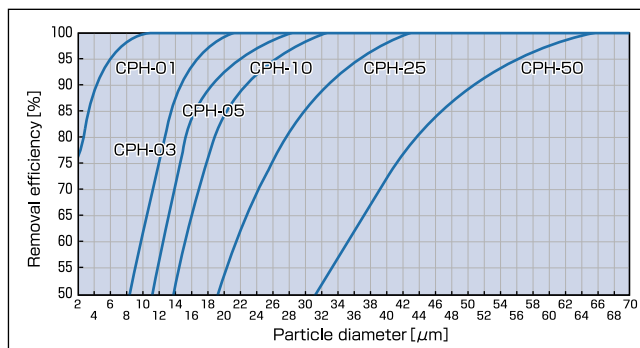
\* Please ask us concerning non-standard orders.

## Flow rate-differential pressure [250mm length element]



\* 1MPa=10kgf/cm<sup>2</sup>

## Initial particle removal efficiency



## Chemical compatibility

	Chemicals	Compatibility
Acids	Acetic Acid	○
	Hydrochloric Acid 10%	○
	Nitric Acid 10%	○
	Sulfuric Acid 30%	○
Alcohols	Methanol	○
	Ethanol	○
	Isopropanol	○
Esters	Methyl Acetate	○
	Ethyl Acetate	○
Fuels	Light Oil	○
	Kerosene	○
Hydrocarbons	Toluene	○
	Acetone	○
Ketones	Methyl Ethyl Keton	○

### Note :

- This table shows compatibility at room temperature.
- For further details, please ask us.
- Chemical compatibility varies depending on temperature, pressure and time. Users should verify chemical compatibility based upon experimentation with a specific filter under actual use conditions.

## Typical field of application

- Food Industry** : Beer, SAKE, SHOUCHU, Amino acid, Drinking water, Corn syrup, Juices, Edible oils etc.
- Electronic Industry** : Cleaning water for IC-base, Etching solutions, Photoresists, Liquid crystals, Magnetic media, Ceramics etc.
- Water Treatment** : Cleaning water, Prefilter for ultra pure water etc.
- Pharmaceuticals** : Dialyzer, Drinking water, Cosmetics, Flavors etc.
- Chemical Industry** : Resins, Adhesives, Catalysts, Solvents, Surfactants etc.
- Others** : Gases, Compressed air, Lubrication oils, Dyes, Heat-sensitive colors, etc.

\* Please be advised that the data on this sheet may be different from the ones which are got in actual use, as they are based on our own test methods.



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