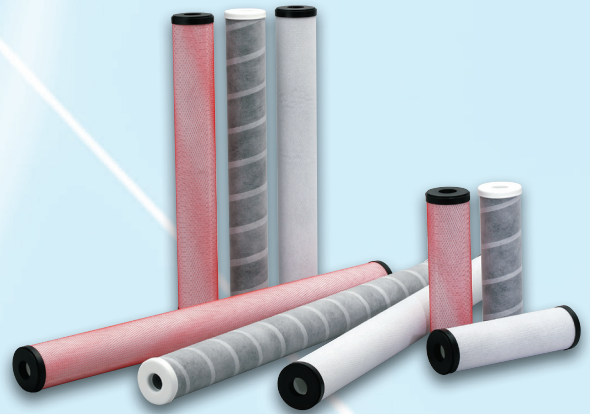


## ● Activated Carbon Cartridge Filter TCC Type



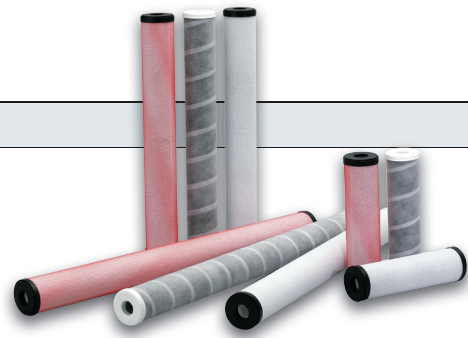
TCC Type

# ACTIVATED CARBON CARTRIDGE FILTER

## TCC Type

○ When using this product to filter organic solvents, use a stainless steel housing and ground it to prevent static electricity.

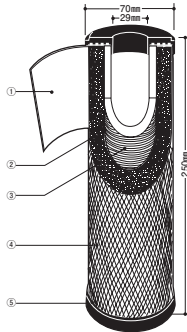
**It exhibits excellent performance in removing organic matter in liquids, residual chlorine, and odors in gases.**



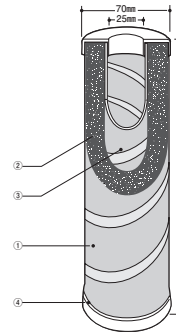
## Features

- The filter employs activated carbon (palm charcoal: A1 or W1 type) or fibrous activated carbon (WL or WH type) with high adsorption performance.
- Large contact area with activated carbon with high adsorbing performance.
- The innermost fiber support filter reduces release from the filter.
- Its low resistance achieves stable filtration speed and long filtration life.

## Structure of TCC-A1 and TCC-W1 Types



## Structure of TCC-WL and TCC-WH Types



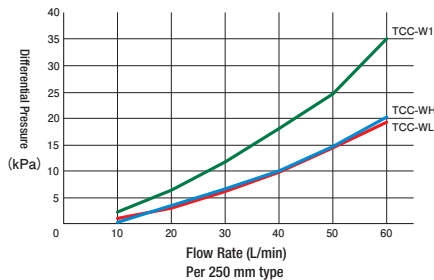
## Materials

- ① Support Media: Polypropylene and polyethylene
- ② Activated Carbon: Solidified molded palm charcoal
- ③ Support Media: Polypropylene and polyethylene
- ④ Protection Net: Polyethylene
- ⑤ Cap Doubling as a Gasket: NBR

## Materials

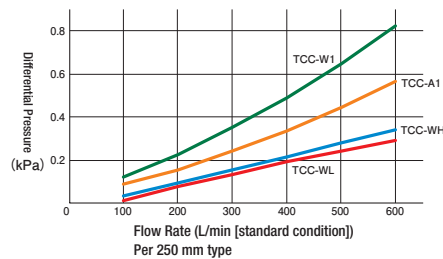
- ① Support Media: Polyethylene terephthalate and polyethylene
- ② Activated Carbon: Fibrous activated carbon
- ③ Support Media: Polyethylene terephthalate and polyethylene
- ④ Cap Doubling as a Gasket: Polyethylene

## Typical Flow Rate (WATER)



Conditions Piping: 3/4B Housing: 1TWA-1S-FS Water temperature: 20°C

## Typical Flow Rate (AIR)



Conditions Piping: 3/4B Housing: 1TWA-1S-FS Supply air: 0.49MPa

## Specifications

Applications	For Air			For General Liquids			For Pure Water and Foods					
	TCC-A1-			TCC-W1-			TCC-WL-			TCC-WH-		
Product Name	SOCO	DOCO	TOCO	SOCO	DOCO	TOCO	SOCP	DOCP	TOCP	SOCP	DOCP	TOCP
Cap Doubling as a Gasket	NBR						Polyethylene					
Support Media	Polypropylene and polyethylene						Polyethylene terephthalate and polyethylene					
Activated Carbon	20 to 30 mesh			40 to 80 mesh			Fibrous activated carbon					
Adhesive	Silicone resin						Modified olefin					
Length (mm)	250	500	750	250	500	750	250	500	750	250	500	750

- The specific surface area of activated carbon differs between TCC-WL and TCC-WH types (TCC-WL type: 1,000 m<sup>2</sup>/g; TCC-WH type: 1,500 m<sup>2</sup>/g).
- TCC-WL and TCC-WH type units cannot be used for oil or fat food applications. Please contact us before use for such applications.

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