

## CN04 and CN04CF Series Carbon/Sediment Cartridges

CN04 and CN04CF Series cartridges are dual media string wound and carbon cartridges which provide removal of chlorine, chemical contamination and sediment and also improve the taste and odor of water.

The CN04 utilizes an inner carbon-impregnated cellulose media with an outer string wound wrap of polypropylene or cotton media to extend the life and enhance the performance of the carbon.

The CN04CF (cellulose-free) version utilizes an inner coconut shell carbon-impregnated polyester media with an outer string wound wrap of polypropylene or cotton media. The CN04CF is an excellent choice for chemical processing applications such as plating solutions.



*CN04 and CN04CF filters remove chemical contaminants and improve smell and taste of water*

### Applications

- Potable water
- Process water
- Metal finishing processes
- Food and beverage
- Chemical processing
- Odor and color removal
- Plating solutions

### Benefits

- Eliminates requirement for sediment pre-filters
- No bypassing, channeling, or unloading of carbon fines
- Lengths to 40" with fitting available to fit various housings
- Fast lead times
- Technical support

### Box Quantities by length

2-3/8" to 2-1/2" Diameter

10"	Length	30/Box
20"	Length	15/Box
30"	Length	15/Box
40"	Length	15/Box

4-1/2" Diameter

10"	Length	12/Box
20"	Length	6/Box
30"	Length	3/Box

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## Specifications

Standard Core: 1" ID polypropylene

### Inner Media:

CN04: Charcoal carbon impregnated cellulose

CN04CF: Coconut carbon impregnated polyester

1.5 oz carbon per 10" length, 2-1/2" OD

4.5 oz carbon per 10" length, 4-1/2" OD

### Outer Media:

Standard: FDA grade polypropylene

Optional: Natural cotton & polyester blend/white cotton/FDA bleached cotton

### Lengths:

Up to 40"

Special lengths available

### End Caps:

Standard: Plastisol

### Temperature Rating:

40-150° F

### Recommended Max Flow Rate:

3 gpm, 2-1/2" OD per 10" length

8 gpm, 4-1/2" OD per 10" length

### Recommended Max Change Out Differential Pressure (DP):

25 PSID (1.7 bar)



*AJR Filtration manufactures a range of filter cartridges including wound filters, melt blown filters, activated carbon filters, and multi-zone filters*

## Model Code/Ordering Info

**Example**  
CN04-06-9.75-G-ISW

**CN04 - [blank] - 06 - 9.75 - G - ISW**

Yarn Micron Rating

Media

Length

Outside Diameter

Options

CARTRIDGE TYPE	YARN MICRON RATING	MEDIA	LENGTH INCHES	OUTSIDE DIAMETER	OPTIONS
<b>CN04</b> - Charcoal activated carbon impregnated cellulose	<b>Blank</b> - 5	<b>Blank</b> - FDA Polypropylene	<b>5</b>	<b>Blank (D)</b> = 2.5" OD	<b>Blank</b> - Standard plastisol cap
	<b>1</b>		<b>9.75</b>	<b>E</b> = 2.375" OD	<b>2SD</b> - 222 w/ disc
	<b>10</b>	<b>04</b> - Natural cotton & polyester blend	<b>10</b>	<b>F</b> = 2.75" OD	<b>2SF</b> - 222 w/ fin
	<b>25</b>		<b>19.5</b>	<b>G</b> = 3.25" OD	<b>6SD</b> - 226 w/ disc
	<b>50</b>	<b>05</b> - White cotton	<b>20</b>	<b>*J</b> = 4.5" OD	<b>6SF</b> - 226 w/ fin
<b>CN04CF</b> - Coconut shell activated carbon impregnated cellulose		<b>06</b> - FDA bleached cotton	<b>29.5</b>		<b>ISW</b> - Individually shrink wrapped
			<b>30</b>		<b>ISWL</b> - Individually shrink wrapped and labeled
			<b>40</b>		
				<b>*ISW is standard</b>	
Contact AJR to inquire about custom materials and configurations					