



SCC MICRO-CARBON® II Series Filter Cartridges

Powder Activated Carbon Cartridges Reduce Sediment, Tastes, Odors and Chlorine

- Excellent Polishing Filter for Process or Closed-loop Streams
- Available in Nominal Retention Ratings of 1 and 5 Microns
- Constructed of Carbon-impregnated Cellulose Media Around a Polypropylene Core
- Polyester Layers in the 1 µm Cartridges Provide Additional Strength and Dirt Holding Capacity
- DOE End Configuration

Typical Performance Specifications

Filter Grades:

1 or 5 µm

Recommended Maximum Flow Rates:

1 µm: 10" (25.4 cm):	1 gpm (3.8 lpm)
5 µm: 9 ¾" (24.8 cm)	1 gpm (3.8 lpm)
20" (50.8 cm):	2 gpm (7.6 lpm)

Chlorine Reduction @ Flow Rate (gpm)¹:

10" (25.4 cm):	>5,000 gallons (18,927 l) @ 1 gpm (3.8 lpm)
20" (50.8 cm):	>10,000 gallons (37,854 l) @ 1 gpm (3.8 lpm)

Maximum Operating Temperature:

125°F (52°C)

FDA Listed Materials:

All polymeric materials are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

Product Specifications

Materials of Construction:

1 µm:

Filter Media:	Powder Activated Carbon Impregnated Cellulose
End Caps:	Polypropylene
Netting:	Polyethylene
Inner/Outer Wraps:	Polyester Reinforcement Backing/Polyethylene Outer Netting
Gaskets:	Buna N

5 µm:

Filter Media:	Powder Activated Carbon Impregnated Cellulose
End Caps:	Vinyl Plastisol
Netting:	Polyethylene
Inner/Outer Wraps:	Cellulose Polyester Reinforcement Backing/Polyethylene Outer Netting

Dimensions (nominal):

1 µm:

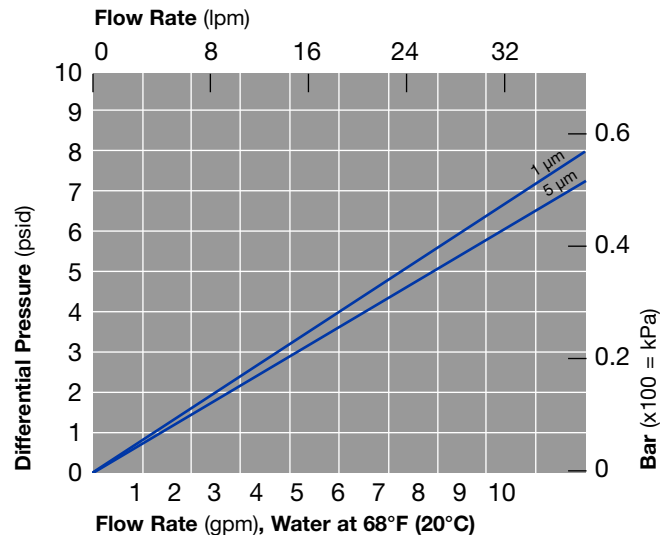
Outside Diameter:	2 7/16" (6.9 cm)
Inner Diameter:	1" (2.5 cm)
Lengths:	10" (25.4 cm)

5 µm:

Outside Diameter:	2 7/16" (6.9 cm)
Inner Diameter:	1" (2.5 cm)
Lengths:	9 ¾" (24.8 cm), 20" (50.8 cm)



Liquid Flow Rate vs. Differential Pressure



Flow rate is per 10" (25.4 cm) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP).

¹ - Chlorine reduction data is for 2 ppm free chlorine to <0.5 ppm.

Applications

	Oil Vapor	Organics	Taste, Odor, Color	Chlorine	Particulate Removal
Water:					
Drinking		✓	✓	✓	✓
Bottle Washing					✓
Rinse Water					✓
Single Pass					✓
Recirculating					Use Pre-filter
Chemicals:					
Single Pass		✓	✓		✓
Gases:					
Air, Plant	✓	✓	✓		

WARNING:

For drinking water applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE:

Some harmless bacteria will attack cellulose media cartridges. If your cartridge seems to disintegrate, or has a "musty or moldy" odor, switch to a synthetic media cartridge or consult Pall.

CAUTION:

Filter must be protected against freezing, which can cause cracking of the filter and water leakage.

Part Numbers/Ordering Information

C ● P – ■ (e.g., C10P-SCC1)

Code ●	Cartridge Lengths (nominal)	Code ■	Filter Grades
9.75	9.75"	SCC1	1 µm (10")
10	10"	SCC5	5 µm (9.75" and 20")
20	20"		

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