

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

Performance Specifications

Filter grades

1 or 5 µm

Recommended maximum flow rates

1 µm: 25.4 cm (10 in): 3.8 lpm (1 gpm)

5 µm: 24.8 cm (9.75 in) 3.8 lpm (1 gpm)

50.8 cm (20 in): 7.6 lpm (2 gpm)

Chlorine reduction @ flow rate¹

25.4 cm (10 in): >18,927 liters
(>5,000 gallons)
@ 3.8 lpm (1 gpm)

50.8 cm (20 in): >37,854 liters
(>10,000 gallons)
@ 3.8 lpm (1 gpm)

Maximum operating temperature

52°C (125°F)

Food and water contact use

Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.



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:	Nitrile

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

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

Dimensions (nominal)

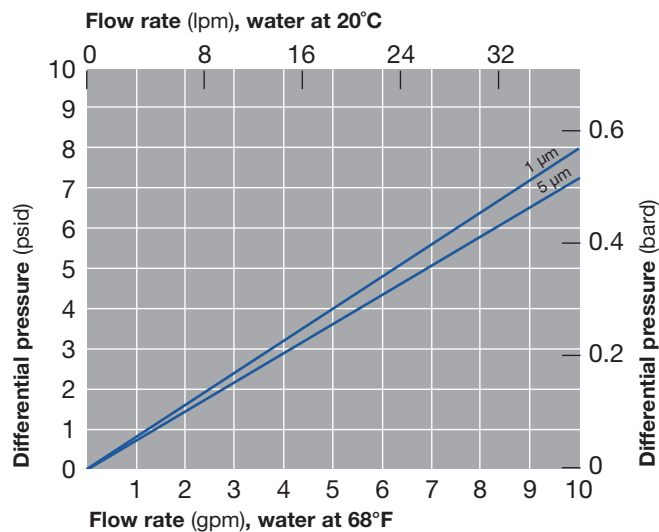
1 µm:

Outside diameter: 6.9 cm (2.7 in)
 Inner diameter: 2.5 cm (1 in)
 Lengths: 25.4 cm (10 in)

5 µm:

Outside diameter: 6.9 cm (2.7 in)
 Inner diameter: 2.5 cm (1 in)
 Lengths: 24.8 cm (9.75 in), 50.8 cm (20 in)

Liquid Flow Rate vs. Differential Pressure²



² Flow rate is for a 25.4 cm (10 in) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP).
 Unit conversion: 1 bar = 100 kPa.

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.

Ordering Information

Pall Part Number = C P -

Table 1

Code	Cartridge lengths cm/in (nominal)
9.75	24.8/9.75
10	25.4/10
20	50.8/20

Table 2

Code	Filter grades
SCC1	1 µm (25.4 cm/10 in)
SCC5	5 µm (24.8 cm/9.75 in and 50.8 cm/20 in)



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Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com/contact.

Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid.

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