

## XC II Micro-Carbon™ II Series Filter Cartridges

### Granular Activated Carbon Filter Cartridges for Liquid Applications

- Contains premium grade, low sulphur activated carbon
- Highly effective at removing chlorine
- Incorporates 20 micron nominal post filter to reduce carbon fines and particulate
- End-to-end flow design maximizes carbon adsorption
- DOE end configuration

### Performance Specifications

#### Filter grade

20 µm

#### Recommended maximum flow rate<sup>1</sup>

3.8 lpm (1 gpm)

#### Initial ΔP @ flow rate

0.3 bard (4.5 psid) @ 3.8 lpm (1 gpm)

#### Cartridge capacity for chlorine @ flow rate<sup>2</sup>

28,390 liters (7,500 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

Filter media:	Granular coconut shell based activated carbon
Outer shell & end caps:	Polystyrene
Post filter:	Spun polypropylene
Gaskets:	Nitrile
Expansion pad:	Polyester

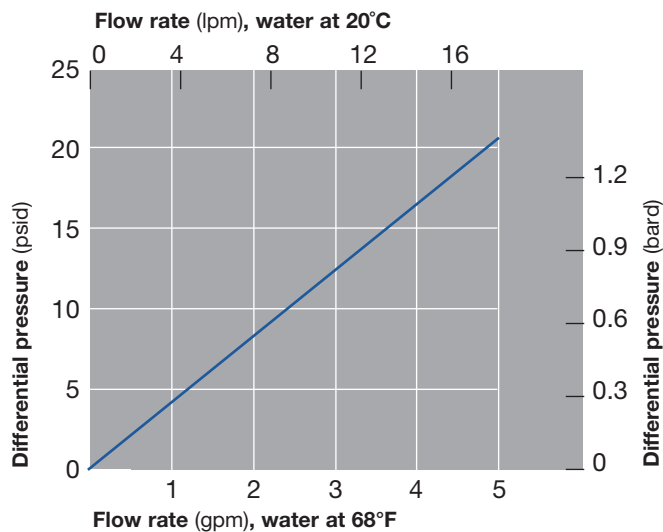
#### Dimensions (nominal)

Outside diameter:	7.3 cm (2.88 in)
Inner diameter:	2.5 cm (1 in)
Length:	25.4 cm (10 in)

<sup>1</sup> For enhanced performance, operate at recommended flow rate.

<sup>2</sup> Chlorine reduction data is for 2 ppm free chlorine to <0.5 ppm.

## Liquid Flow Rate vs. Differential Pressure<sup>3</sup>



<sup>3</sup> 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.

NOTE: For use with PPS Series housings; does not fit LMOU and SCO Series housings.

## Applications

	Oil Vapor	Organics	Taste, Odor, Color	Chlorine	TCE & THM	Particulate Removal
<b>Water</b>						
Drinking		✓	✓	✓	✓	
Bottle Washing		✓	✓	✓	✓	
Rinse Water		✓	✓	✓	✓	
Single Pass		✓	✓	✓	✓	
Recirculating		✓	✓	✓	✓	Use pre-filter
<b>Chemicals</b>						
Single Pass		✓				
Recirculating		✓	✓			Use pre-filter
<b>Gases</b>						
Air, Plant	✓	✓	✓			Use pre-filter
Air, Instrument	✓	✓	✓			Use pre-filter
Air, Breathable	✓	✓	✓			Use pre-filter
Gas, Compressed	✓	✓	✓			Use pre-filter

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

CAUTION: These cartridges contain a very small amount of carbon fines (very fine black powder). After installation, flush the cartridge for a minimum of 5 minutes to remove all traces of the fines before using the water. You should run (flush) the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

## Ordering Information

Pall Part Number = C 1 P – XC II

Table 1

Code	Cartridge lengths cm/in (nominal)
10	25.4/10



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*Filtration. Separation. Solution.<sup>SM</sup>*

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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.

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Produced in the USA

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