



CARBOFLOW Filter Cartridges

- activated carbon filters

CARBOFLOW granular activated carbon cartridges contain a broad band adsorbent (typically 250g/10" length). When required the carbon can be impregnated with silver to reduce bacterial build up.

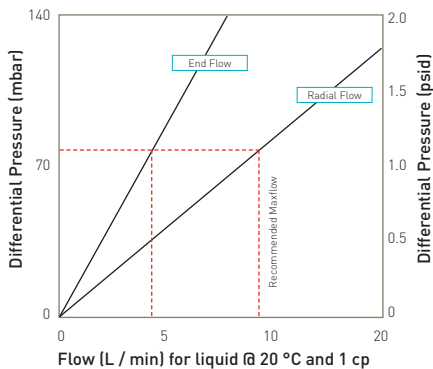
Radial flow elements consist of a bed of high grade activated carbon sandwiched between porous inner and outer sleeves which help prevent carbon migration. In the end flow version, the outer sleeve is porous only at the bottom, which forces the liquid to flow through the entire carbon bed (typically 350g/10" length) to exit at the top and results in the maximum contact time between liquid and carbon. CARBOFLOW shells can also be filled with ion exchange resins for use in ultra pure water systems and for precious metals recovery from plating solutions.

Features and Benefits

- Activated carbon filters
- Removal of taste and odour from process water
- Both radial and end flow variants available
- Filtration down to 5 micron



Performance Characteristics



For optimum life and performance we would recommend a maximum flow rate of 7 L / min for the radial flow cartridge and 5 L / mins for the end flow.

10" Size (250 mm) Cartridge

Specifications

Materials of Construction

■ Filtration Media:	Natural Carbon
	Silvered Carbon
	Anion Resin
	Cation Resin
	Mixed Bed Resin
■ End Caps:	Polypropylene
■ Outer Shell	Porous Polyethylene
■ Standard o-rings/gaskets:	EPDM
	Nitrile
	PE
	Silicone
	Viton

Maximum Operating Temperature

60 °C (158 °F)

Recommended Changeout Differential Pressure

2 bar (29 psid)

Note

These cartridges contain a small amount of carbon fines (very fine black powder). After installation, flush the system for a minimum of 5 minutes to remove all traces of the fines before using the water. In domestic situations the water should be run for 20 seconds prior to use in cooking or drinking.

Dimensions

Outside diameter: 68 mm (2.7")
 Inside diameter: 27 mm (1.1")

Applications

- Chlorine reduction
- Plating solutions
- Waste water treatment
- Decolourisation

Ordering Information

Code Flow Path	Code Length (Nominal)	Code Type	Code Media	Code Seal Material
C Carbon	09 9.75" (247 mm)	S Standard	N Natural Carbon	E EPDM
B End Flow	10 9.875" (251 mm)	F Fine	S Silvered Carbon	N Nitrile
	11 10" (254 mm)	H High Temp	A Anion Resin	P PE
	19 19.50" (500 mm)	E End Flow	C Cation Resin	S Silicone
	20 20" (508 mm)		M Mixed Bed Resin	V Viton*
	29 29.50" (750 mm)			
	30 30" (762 mm)			
	39 39.25" (1000 mm)			
	40 40" (1016 mm)			

*Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc

Parker domnick hunter has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact our Process Filtration Sales Department for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.

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Map and Directions to Prosep Filters Limited



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)