CARBOFLOW MX Filter Cartridges

- carbon activated filters
- carbon

CARBOFLOW MX cartridges are offered in both high efficiency and general grades. They consist of bituminous coal sourced carbon, extruded together with an FDA listed thermoplastic binder, to produce an extremely porous yet rigid structure.

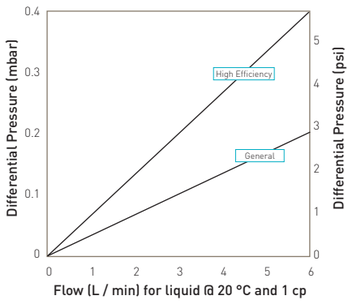
The result is a filter offering unsurpassed adsorptive capacity, up to 20 times that of traditional granular carbon or carbon impregnated filters, and high particle removal efficiency.

The rigid structure of CARBOFLOW MX not only minimises any possibility of channelling, bypass or fluidising, but also the release of carbon fines during start up and operation. Such problems are common with more traditional carbon filters. CARBOFLOW MX is available in lengths up to 40¨ (1016 mm) together with end fittings to suit most industry standard housings.

Features and Benefits

- Available in lengths 5¨ to 40¨
- Ideal for chlorine and chloroform reduction
- Available in 2 grades
- FDA approved materials

Performance Characteristics



10¨ Size (250 mm) Cartridge

Specifications

Materials of Construction

Carbon:	Bituminous Coal
Carbon Type:	Steam Activated, Acid Wash
Carbon Weight (per 10¨):	350 g
End Caps:	Polypropylene
Standard o-rings/gaskets:	EPDM Nitrile PE Silicone Viton

Food and Biological Safety

Materials conform to the relevant requirements of 21CFR Part 177, EC1935 / 2004 and current USP Plastics Class VI - 121 °C and ISO10993 equivalents.

Maximum Operating Temperature

60 °C (158 °F)

Maximum Differential Pressure

7 bar (101.52 psi)

Recommended Changeout Differential Pressure

2 bar (29.00 psi)

Retention Characteristics

	1 High Efficiency	2 General
Particle Removal	99.9% @ 2 mic	98% @ 10 mic
Chlorine Reduction**	76 cu.m @ 4 l / min	22.7 cu.m @ 4 l / min
Chloroform Reduction*	3 cu.m @ 2 l / min	n / a

** Per 10¨ element, for longer lengths multiply pro-rata for details of test conditions contact Parker domnick hunter for details.*

***Based on an inlet concentration of 2 ppm chlorine.*

Applications

- Pre and post R.O. Filtration
- Domestic Drinking Water
- De-chlorination
- Process Water
- Product Rinse Waters
- Plating Solutions
- De-colourisation

Ordering Information

Code | Flow Path	Code | Length (Nominal)	Code | Type	Code | Grade	Code | End Fitting	Code | Seal Material
C Carbon	05 4.75¨ (124 mm) 09 9.75¨ (247 mm) 10 9.875¨ (251 mm) 11 10¨ (254 mm) 19 19.50¨ (500 mm) 20 20¨ (508 mm) 29 29.50¨ (750 mm) 30 30¨ (762 mm) 39 39.25¨ (1000 mm) 40 40¨ (1016 mm)	M Extruded	1 High Efficiency 2 General	0 DOE 2 Flat / 226 3 Flat / 222 7 Fin / 226 8 Fin / 222 9 213 S SOE	E EPDM N Nitrile P PE S Silicone V Viton