

CARBOFLOW MX



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

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" together with end fittings to suit most industry standard housings.

available formats



Technical Specifications

Materials of Construction

Carbon	:	Bituminous coal
Carbon Type	:	Steam activated, acid washed
Carbon Weight (per 10")	:	350g
End Caps	:	Polypropylene
Standard o-rings/gaskets	:	EPDM Nitrile Silicone Viton PE

Applications

Pre and Post R.O. Filtration – Domestic drinking water –
De-chlorination – Process water – Product rinse waters –
Plating solutions – De-colourization

Food and Biological Safety

Materials conform to the relevant requirements of 21CFR
Part 177 and current USP Plastics Class VI – 121°C and
ISO10993 equivalents.

Recommended Operating Conditions

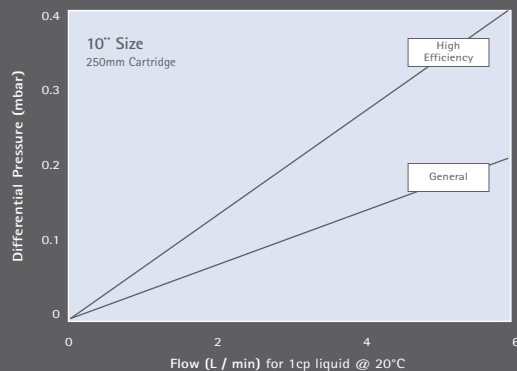
Max operating temperature :	60°C (140°F)
Max differential pressure :	7 bar (102 psi)
Recommended changeout DP :	2 bar

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 domnick hunter Technologies Ltd.

Cartridge Flow Rates



Cartridges

Code	Range
C	Carbon

Code	Nominal Length (mm)	(inch)
05	124	4.75
09	248	9.75
10	251	9.95
11	254	10
19	500	19.50
20	508	20
29	750	29.50
30	762	30
39	1000	39.25
40	1016	40

Code	Type
M	Extruded

Code	Grade
1	High Efficiency
2	General

Code	End Fitting
0	DOE
2	Flat / 226
3	Flat / 222
7	Fin / 226
8	Fin / 222
9	213
S	SOE

Code	Seal Material
E	EPDM
N	Nitrile
S	Silicone
V	Viton
P	PE



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