



**FX™ ChloraGuard®**  
 Carbon Block and GAC Filters

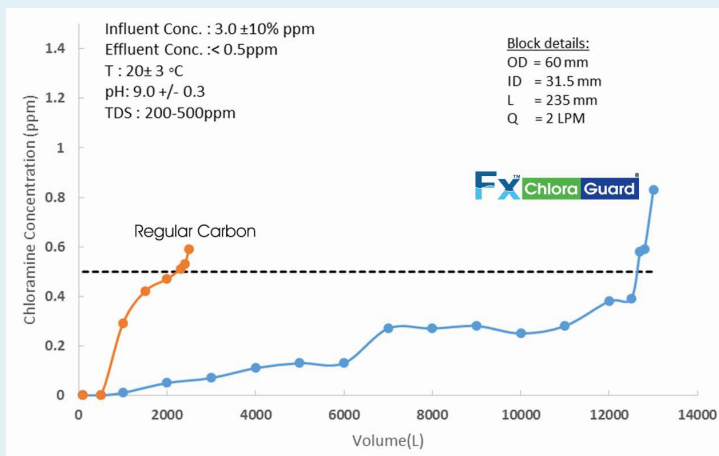
Chloramine is increasingly being used in place of chlorine to provide residual disinfection in drinking water. However, standard activated carbon is not effective at chloramine reduction.

**FX™ ChloraGuard®** catalytic activated carbon, available in both block and granular form, has been specially formulated to reduce chloramine. It is suitable for a wide range of Point of Use (POU), Point of Entry (POE), commercial and industrial applications.

**Features & Benefits**

**FX™ ChloraGuard®** carbon block filters feature:

- 1 micron nominal filtration.
- Exceptionally low pressure drop.
- High dirt holding capacity.
- Excellent chemical contaminant reduction.
- Enhanced chloramine reduction (**5 times more effective than standard activated carbon**).
- Enhanced chlorine reduction (**2 times more effective than standard activated carbon**).



**FX™ ChloraGuard® granular activated carbon (GAC)** is available in standard mesh sizes of 12 x 30, 12 x 40, and 20 x 50. Supply of custom mesh sizes is also possible.

**Green Advantage**

Filtrex Technologies has been at the leading edge of activated carbon filtration since 1999. It is a company committed to Research and Development to advance filtration technology in an ecologically sound way.

**FX™ ChloraGuard®** catalytic activated carbon is made from 100% coconut shell carbon, a renewable, ecologically sustainable material. The carbon receives a proprietary surface treatment to give it EPC (Enhanced Physisorption and Chemisorption) characteristics. It is then processed into GAC, or blocks using a unique binder system and proprietary manufacturing techniques, to produce filters with a greater number of micro-pores, which display superior adsorption capacity and kinetic dynamics.

**Green Quality**

**FX™ ChloraGuard®** carbon filters are:

- Manufactured in ISO 9001 and 14001 certified facilities.
- Manufactured from NSF Standard 61 certified Coconut Shell Carbon.
- NSF Standard 42 certified (material safety).
- Performance validated by independent laboratories including WQA.
- Constantly quality and performance monitored in Filtrex Technologies' extensive in-house laboratories.

Our experienced technical team can also assist customers in achieving independent certifications of their own for products manufactured for them by Filtrex Technologies.

**5X**  
 CHLORAMINE  
 REDUCTION  
 OF STANDARD  
 ACTIVATED  
 CARBON

**2X**  
 CHLORINE  
 REDUCTION  
 OF STANDARD  
 ACTIVATED  
 CARBON

Powered by EPC Catalytic  
 Carbon Technology

## Standard Products

Fully finished **FX™ ChloroGuard®** carbon block filter cartridges compatible with industry standard 10 inch and 20 inch open sump housings include:

Part Number	Part Name	OD x Length	Micron Rating (nominal)	Chloramine Reduction Capacity
FEAA0416	FX10CHLORA	2 ¾" x 9 ¾" (70mm x 248mm)	1 micron	> 3,400 gallons @ 0.5 gallons per minute > 12,920 litres @ 1.9 litres per minute
FEAA0417	FX10CHLORA-TW	2 ¾" x 9 ¾" (70mm x 248mm)	1 micron	> 4,200 gallons @ 0.5 gallons per minute > 15,960 litres @ 1.9 litres per minute
FEAA0418	FX20CHLORA	2 ¾" x 20" (70mm x 508mm)	1 micron	> 4,000 gallons @ 1 gallon per minute > 15,200 litres @ 3.8 litres per minute
FEAA0419	FXB10CHLORA	4 ½" x 9 ¾" (114mm x 248mm)	1 micron	> 4,600 gallons @ 2 gallons per minute > 17,480 litres @ 7.6 litres per minute
FEAA0420	FXB20CHLORA	4 ½" x 20" (114mm x 508mm)	1 micron	> 10,000 gallons @ 3 gallons per minute > 38,000 litres @ 11.4 litres per minute

Performance claims based on manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and application. Results may vary. Micron ratings are based on >85% removal of the given particle size.

## Custom Products and Bespoke Solutions

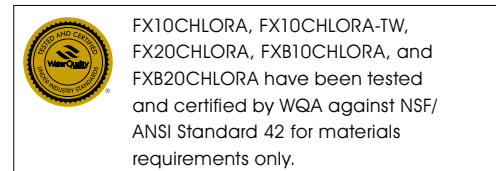
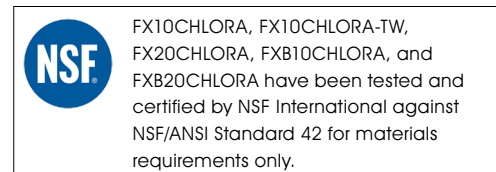
Filtrex Technologies uses its **FX™ ChloroGuard®** carbon block to produce a very wide range of bespoke filtration solutions for water treatment manufacturers and distributors around the world, including:

- Custom shapes:
  - Cylinders
  - Solid blocks
  - Domes
  - Discs
  - Candles
- Custom sizes. A wide range of ODs, IDs and length dimensions, from tiny discs just a few millimetres thick for sports bottles, to jumbo sized blocks for whole house and industrial applications.
- Custom end-caps in a variety of colours.
- Custom sealing mechanisms (gaskets, O-rings, and threads)
- Custom finishing options:
  - Sediment wraps
  - Netting
  - Bespoke packaging

## Manufactured by:

Filtrex Technologies Pvt. Ltd.  
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Do not use FX™ GreenBlock® or ChloroGuard® filters on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after.

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[www.filtrextechnologies.com](http://www.filtrextechnologies.com)