PROUD TO BE CERTIFIED FOR WQA SUSTAINABILITY™

MATRIKX®

WATER FILTRATION INNOVATION



CTO

ACTIVATED CARBON BLOCK FILTERS FOR CHLORINE, TASTE & ODOR REDUCTION*

NOW WITH PFAS AND CHLORAMINE REDUCTION*

FEATURES & BENEFITS

- PFAS reduction*
- Chlorine and Chloramine reduction*
- 5 micron nominal filtration reduces sand, rust and sediment
- Excellent chemical contaminant reduction*
- High dirt holding capacity
- High Adsorptive Capacity and Efficiency
- NSF and WQA certified for Material Safety
- California Prop. 65 compliance

MATRIKX® ADVANTAGE

MATRIKX® has earned a reputation for innovation. Our latest breakthrough is high performance catalytic carbon technology. We are proud to announce the addition of chloramine reduction claims across our standard range of New and Improved **MATRIKX®** carbon blocks.

Made from 100% coconut shell activated carbon, a renewable and eco-friendly material, the standard **MATRIKX®** line has been Certified for Sustainability by WQA. **MATRIKX®** products not only deliver industry leading performance and value, they are also manufactured using sustainable materials and a process that is kind to the environment.

OUR COMMITMENT TO QUALITY:

- 100% Coconut Shell Activated Carbon
- Performance validated by independent laboratories
- Manufactured in an ISO 9001 & 14001 certified facility
- Certified for Sustainability by WQA - S-803
- California Prop. 65 Compliant

*Based on manufacturers internal testing.

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STANDARD PRODUCTS

Fully finished **MATRIKX® CTO,** carbon block filter cartridges are compatible with industry standard 10 inch and 20 inch open sump housings: **MATRIKX® CTO** carbon blocks have a nominal rating of **5 micron.**

MATRIKX® Part Number	Size	Chlorine Reduction Capacity*	PFAS Reduction Capacity*	Chloramine Reduction Capacity*	Pressure Drop Spec*
32-250-10-MATRIKX®	2 ¾ " x 9 ¾ " (70mm x 248mm)	> 12,000 gallons @ 1gpm > 45,000 litres @ 3.8 l/min	>3,250 gallons @ 0.5 gpm >12,300 litres @ 1.9 l/min	> 1,000 gallons @ 0.5gpm > 3,800 litres @ 1.9 l/min	3psid @ 1gpm
32-250-20-MATRIKX®	2 ¾ " x 20 " (70mm x 508mm)	> 24,000 gallons @ 2gpm > 91,000 litres @ 7.6 l/min	>6,500 gallons @ 1 gpm >24,600 litres @ 3.8 l/min	> 2,000 gallons @ 1gpm > 7,600 litres @ 3.8 l/min	3psid @ 2gpm
32-450-10-MATRIKX®	4 ½ " x 9 ¾ " (114mm x 248mm)	> 36,000 gallons @ 3gpm > 136,500 litres @ 11.4 l/min	>9,750 gallons @ 1.5 gpm >36,900 litres @ 5.6 l/min	> 3,000 gallons @ 1.5gpm > 11,400 litres @ 5.6 l/min	4psid @ 3gpm
32-450-20-MATRIKX®	4 ½ " x 20 " (114mm x 508mm)	> 51,000 gallons @ 7gpm > 193,000 litres @ 26.6 l/min	>19,500 gallons @ 3 gpm >73,800 litres @ 11.4 l/min	> 6,000 gallons @ 3gpm > 22,800 litres @ 11.4 l/min	7psid @ 7gpm

*Based on manufacturer's internal testing. Performance claims are based on independent laboratory and 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. Estimated capacity > 90% reduction in chlorine at 2 ppm, >95% reduction in PFAS at 1500 ppt, > 83% reduction in chloramine at 3ppm.

NOTES

Important Notice: Performance claims are based on a complete system, including a filter, housing and connection to a pressurized water source. This filter must be placed in an appropriate system, and operated according to the system's specifications in order to deliver the claimed performance. It is essential to follow operational, maintenance, and filter replacement requirements, as directed for each application, for this filter and system to perform correctly. Read the Manufacturer's Performance Data Sheet accompanying the system and change the filter as suggested. The contaminants or other substances removed or reduced by this water filter are not necessarily in all users' water.

1. Performance of a given **MATRIKX®** carbon filter varies in direct proportion to the total weight of carbon in each filter. 2. Projected chlorine taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol. 3. Nominal particulate rating is for >85% of a given size as determined from single-pass particle counting results.* 4. Absolute particulate rating is for >99.9% of particles of a given size as determined from single-pass particle counting results.** 5. Actual results obtained will vary with various combinations of organic contaminants, changes in pH or other conditions encountered in actual use. 6. All information presented here is based on data believed to be reliable. It is offered for evaluation and verification, but is not to be considered a warranty of any kind. 7. **MATRIKX®** filters are designed to fit most standard household and commercial or industrial housings. 8. Contact Filtrex Technologies Pvt. Ltd to check filter housing compatibility. 9. After installation, follow the instructions on the label for flushing the carbon block prior to use.

* Nominal Filter Rating: Filter rating indicating the approximate size particle, the majority of which will not pass through the filter. It is generally interpreted as meaning that 85% of the particles of the size equal to the nominal micron rating will be retained by the filter. (WQA Glossary of Terms, Third Edition, 3-97).

** Absolute Filter Rating: Filter rating meaning that 99.9% (or essentially all) of the particles larger than a specific micron rating will be trapped on or within the filter. (WQA Glossary of Terms, Third Edition, 3-97).

NSF COMPONENT

The filter cartridge is tested and certified by NSF International against NSF/ANSI Standard 42 for material safety requirements only.

WQA COMPONENT

The filter cartridge is tested and certified by WQA against NSF/ANSI Standard 42 for material safety requirements only.

CERTIFIED FOR SUSTAINABILITY WQA COMPONENT

This filter cartridge is certified by the Water Quality Association to WQA/ASPE/ANSI S-803 for sustainability.

LIMITED LIABILITY

Filtrex Technologies Pvt. Ltd makes no warranties of any kind, expressed or implied, statutory or otherwise, and expressly disclaims all warranties of every kind, concerning the product, including, without limitation, warranties of merchantability and fitness for a particular purpose, except that this product should be capable of performing as described in this product's data sheet. Filtrex Technologies Pvt. Ltd's obligation shall be limited solely to the refund of the purchase price or replacement of the product proven defective, in Filtrex Technologies Pvt. Ltd's sole discretion. Determination of suitability of this product for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. Use of this product constitutes Buyer's acceptance of this Limited Liability.

WARNINGS

Minimum Operating Temperature: 40° F/ 4° C
Maximum Operating Temperature: 125° F/ 52° C
Minimum Operating Pressure: 20 psig/ 1.38 bar
Maximum Operating Pressure: 250 psig/ 17 bar
Maximum Differential Pressure: 100 psid/6.895 bar
Collapse Pressure: 200 psig/13.79 bar

MATRIKX® filters are not to be autoclaved or steam-sterilized. Use MATRIKX® carbon filters only with microbiologically safe and adequately disinfected water.

MANUFACTURED BY

Filtrex Technologies Pvt. Ltd. HRBR Layout, Bangalore 560043, India.

MATRIKX® is a trademark of KX Technologies, LLC.

www.matrikx.com

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