MATRIKX®
Extruded Carbon

VOC™

VOC, Chlorine Taste and Odor Reduction

FEATURES & BENEFITS

- VOC Reduction Based on NSF/ANSI Standard 53
- 0.6 µm Nominal Filtration
- Turbidity Reduction Based on NSF/ANSI Standard 53
- Outstanding Chlorine Taste and Odor Reduction

TESTED AND CERTIFIED WaterQuality ASSOCIATION UNDER INDUSTRY STANDARDS

NSF®
COMPONENT
The MATRIKX® VOC™ is Tested and Certified by NSF International under NSF/ANSI Standard 42 for material requirements only.

TYPICAL USAGES

MATRIKX® VOC™ is the most effective filter available for the combined reduction of VOCs and control of large volumes and concentrations of chlorine taste and odor. Manufactured using a patented, solid-state extrusion process, the MATRIKX® VOC™ meets NSF/ANSI Standard 53, Turbidity Reduction.

TYPICAL TECHNICAL SPECIFICATIONS

Part No.	O.D. x Length	Chlorine Taste & Odor Reduction Capacity @ Flow	Chloroform Reduction Capacity @ Flow	Nominal µm Rating	Initial ΔP @ Flow
02-250-125-975	2.50" x 10"	>20,000 gal. @ 1.0 GPM	>750 gal. @ 0.5 GPM	0.6 µm	5 psid @ 0.5 GPM

Made of "MATRIKX® Extruded Carbon," the MATRIKX® VOC™ is a rigid, carbon block composite that provides optimal VOC reduction and high chemical adsorptive capacity. The MATRIKX® VOC™ is also designed to deliver exceptional chlorine taste and odor reduction. The MATRIKX® VOC™ is ideal for use in residential and food service applications.

KX TECHNOLOGIES
The Science Behind Better Water®

VOC™

ORDER INFORMATION

To order, contact an authorized Master Stocking Distributor (no factory-direct ordering or shipping).

EXTRUDED CARBON = EXCEPTIONAL VALUE

MATRIKX® VOC™ filters consist of activated carbon particles fused into a uniform block with enhanced adsorptive capacity and efficiency. MATRIKX® VOC™ filters flow in a radial (outside-to-inside) direction, providing increased dirt-holding capacity and low pressure drop. Unlike granular activated carbon (GAC) filters, MATRIKX® VOC™ cartridges will not channel or bypass due to the extreme uniformity of their extruded activated carbon core. Service life of the MATRIKX® VOC™ filter is greatly extended by a prefiltration medium.

- No channeling
- No fluidizing
- No bypassing
- Lowest extractables, pure materials of construction
- Maximum service life and resistance to fouling
- Graded density prefiltration design
- Manufactured using FDA-compliant materials
- Color coded molded one-piece gasket and end cap

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.

NOTES

1. Projected chlorine taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol.
2. Nominal particulate rating (0.6 µm) is for >85% of a given size as determined from single-pass particle counting results.*
3. Absolute particulate rating (2 µm) is for >99.9% of particles of a given size as determined from single-pass particle counting results.**

* 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).

WARNINGS

Maximum Operating Temperature: 125°F	Maximum Operating Pressure: 250 psig	Maximum Differential Pressure: 100 psid	Collapse Pressure: 200 psid

MATRIKX® filters are not to be autoclaved or steam-sterilized. Use MATRIKX® VOC™ carbon filters only with microbiologically safe and adequately disinfected water. Activated carbon filters are not designed to kill or remove bacteria or viruses. Actual results obtained will vary with various combinations of organic contaminants, changes in pH or other conditions encountered in actual use. 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.

MATRIKX® filters are designed to fit most standard household and commercial or industrial housings. Contact KX Technologies LLC to check filter housing compatibility. This cartridge must be placed in an appropriate housing and flushed for a minimum of 5 minutes prior to use.

MADE IN THE U.S.A.
DISTRIBUTED BY:

KX TECHNOLOGIES
The Science Behind Better Water®

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This product is covered by one or more of the following United States Patent Nos. 5,922,803; 5,946,342; 6,061,384; 6,395,190; applicable US patent applications; foreign patents and applicable foreign patent applications.

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