

## INDUSTRIAL C-246 SERIES MODIFIED MOLDED BLOCK CARTRIDGES



C-246 Series Filter Cartridges offer the effective chlorine taste & odor reduction found in traditional carbon block media while providing superior sediment reduction with resistance to premature plugging.

C-246 Series Cartridges are modified molded blocks manufactured using proprietary Fibredyne technology. This technology creates a unique filter media by attaching powdered activated carbon onto a cellulose-free synthetic fiber matrix. Benefits of this technology include low pressure drop over the entire life of the cartridge and up to three times the chlorine taste & odor and dirt-holding capacity of traditional 0.5 micron carbon blocks.

### FEATURES/BENEFITS

High chlorine taste & odor and bad taste & odor reduction

Some organic chemical reduction

Reduces cysts such as Cryptosporidium and Giardia by mechanical means\*

Premium dirt-holding capacity

Combines benefits of both a sediment filter and a carbon block into a single cartridge

Made with Fibredyne technology

Post-filtration layer fused to the carbon/fiber media blend ensures cartridge will not release fines into the effluent stream

Manufactured entirely from FDA-compliant materials

Reduces particles as small as 0.5 microns in size by mechanical means

\*Based on manufacturer's internal testing  
EPA EST. NO. 086074-NH-001

### APPLICATIONS

Commercial

Food Service

Industrial

Residential Water



COMPONENT

*Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.*

## CARTRIDGE SPECIFICATIONS

MODEL	MAX. DIMENSIONS	μ (NOMINAL)	INITIAL PSI @ FLOW RATE	CHLORINE TASTE & ODOR REDUCTION @ FLOW RATE*	CASE QUANTITY
C-246X10T	2.63" x 9.75" (67mm x 248mm)	0.5	10.7 psi @ 1.0 gpm (0.7 bar @ 3.8 Lpm)	>20,000 gallons @ 1 gpm (>95,700 L @ 3.8 Lpm)	30
C-246X20T	2.63" x 20" (67mm x 508mm)	0.5	10.7 psi @ 2.0 gpm (0.7 bar @ 7.6 Lpm)	>40,000 gallons @ 2 gpm (>151,400 L @ 7.6 Lpm)	30
C-246X30T	2.63" x 30" (67mm x 762mm)	0.5	10.7 psi @ 3.0 gpm (0.7 bar @ 11.4 Lpm)	>60,000 gallons @ 3 gpm (>287,100 L @ 7.6 Lpm)	12
C-246X40T	2.63" x 40" (67mm x 1,016mm)	0.5	10.7 psi @ 4.0 gpm (0.7 bar @ 15.2 Lpm)	>80,000 gallons @ 4 gpm (>382,800 L @ 15.1 Lpm)	12

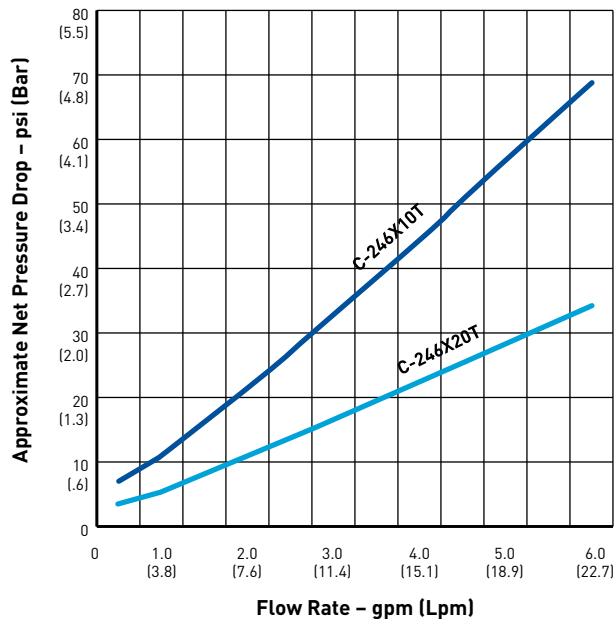
\*Based on manufacturer's internal testing  
Custom configurations available. Please contact customer service.

Filter Media	Bonded PAC
Endcaps	Polypropylene
Netting	Spun Polyethylene
Gaskets	Santoprene
Temp. rating	40° -180° F (4.4° -82.2° C)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Performance capacity depends on system design, flow rate and certain other application conditions. Certain states require system registration and certification for health-related contaminant reduction using the water. Cartridges will contain a very small amount of carbon fines (very fine black powder). After installation, a new cartridge should be flushed with sufficient water to remove all traces of fines prior to using the water. Micron ratings based on 85% or greater removal of given particle size. Estimated capacity using 2 ppm free available chlorine at 0.5 ppm breakthrough. Giardia, Cryptosporidium, Entamoeba and Toxoplasma cyst claim based on tests showing greater than 99.95% reduction using NSF Standard 53 protocol.

## PRESSURE DROP VS FLOW RATE



### FILTRATION & PROCESS

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