

ACTIVATED CARBON Cartridges



ACTIVATED CARBON cartridges remove chlorine, color and odors caused by dissolved organics, and turbidity from aqueous and organic liquids. All materials are constructed of FDA listed materials for food contact and may be used for drinking water and potable liquids. The easy-to-change disposable cartridge contains about 33 cubic inches of premium grade granular activated carbon. The activated carbon adsorbs dissolved organics, and removes chlorine. An integral 5µm prefilter removes various particulates to eliminate premature clogging of the carbon bed, while a 5µm post-filter removes carbon fines that may shed from the bed.

CONSTRUCTION

The activated carbon bed, the pre-filter, and post-filter are contained in a heat-sealed polyethylene case (see diagram). This unitized cartridge construction eliminates the mess associated with handling carbon. The 5µm post-filter prevents the activated carbon from escaping. Cuno Activated Carbon cartridges can be used in either single cartridge filter housings or stacked in multiple cartridge housings. The Santoprene® end gaskets provide the necessary seal in either arrangement.

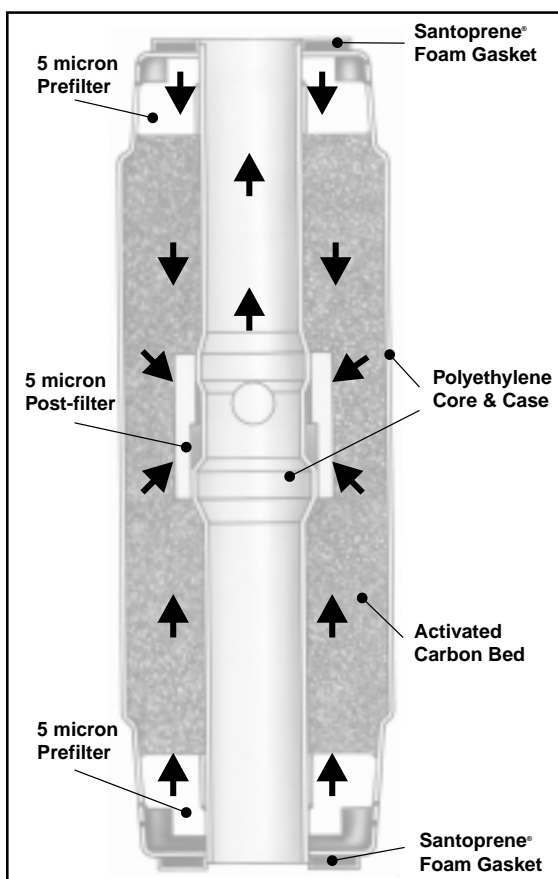
Santoprene is a trademark of Monsanto Company

OPERATING DATA

A single Cuno Activated Carbon cartridge is designed for a flow rate of 2 gpm of water. Since prolonged contact time can increase the adsorption efficiency, it may be desirable to maintain a flow rate lower than the 2 gpm per cartridge in some applications. The cartridge life is limited by either of the following:

- 1 Saturation of the adsorptive capacity of the activated carbon, or
- 1 Plugging of the integral pre-filter.

If plugging of the integral prefilter is causing premature cartridge replacement, then consider installing a CUNO Micro-Klean® III cartridge as a prefilter to the Activated Carbon cartridge. Cartridge life will vary in relation to the contaminant load in the liquid. Other factors influencing cartridge life are flow rate, temperature, and the pH level of the filtrate.



BENEFITS

- Heat-Sealed, No-Mess Carbon Cartridge
- Integral 5 Micron Prefilters and Postfilters
- Interchangeable in All Existing Single and Multi-Cartridge Filter Housings

ACTIVATED CARBON ORDERING GUIDE

Plant Code 06

Product Code 069

BASIC CATALOG NUMBER	MAXIMUM TEMPERATURE	OUTSIDE DIAMETER (INCHES)
46332-01	100° F (38° C)	2 ¾
46285-01	100° F (38° C)	3

WARRANTY

Seller warrants its equipment against defects in workmanship and material for a period of 12 months from date of shipment from the factory under normal use and service and otherwise when such equipment is used in accordance with instructions furnished by Seller and for purposes disclosed in writing at the time of purchase, if any. Any unauthorized alteration or modification of the equipment by Buyer will void this warranty. Seller's liability under this warranty shall be limited to the replacement or repair, F.O.B., point of manufacture, of any defective equipment or part which, having been returned to the factory, transportation charges prepaid, has been inspected and determined by Seller to be defective.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR USE, OR ANY OTHER MATTER. Under no circumstances shall Seller be liable to Buyer or any third party for any loss of profits or other direct or indirect costs, expenses, losses or consequential damages arising out of or as a result of any defects in or failure of its products or any part or parts thereof or arising out of or as a result of parts or components incorporated in Seller's equipment but not supplied by the Seller.

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