



Filtera
12999 Murphy Road, Suite I-1
Stafford, Texas 77477-3948

281.933.1100 Phone
888.933.0100 Toll Free Phone
281.933.1159 Fax

www.Filtera.com
info@Filtera.com



EZ-Pleat ODRX™ Activated Carbon Pleated Filter

Designed to help remove gaseous contaminants and unpleasant odors
Now using 150% activated carbon ad-on in a pleated media configuration

PRINCIPLES

Carbon media will help remove high amounts of gaseous contaminants during the first pass of air through the media. During periods of high contaminant levels, carbon media will help reduce peak loads to safer levels. The contaminant will then slowly "bleed off" over time which again frees up the activated carbon for additional absorption during subsequent peak periods. Some of the contaminant initially removed does not "bleed off," and the contaminants remaining in the media reduce the filter's life. The life expectancy of the filter is proportional to the levels of gaseous contaminants present, and the filter should be changed when the gaseous contaminant or odor is again present at undesirable levels.

FEATURES

1.) A high rate of absorption: the rate of absorption depends on the relationship between the pore structure, or surface area, and the shape of the contaminating molecules. The carbon used in these filters is ground to a fine particle size to increase the surface area available for absorption. **2.) Pleated configuration:** the carbon impregnated media is pleated, increasing the surface area of carbon exposed to the air flow. **3.) Dual filtration:** impregnating activated carbon on a dust filtration media is designed to achieve a dual filtration effect. The substrate filters the particulate matter, while the activated carbon filters the gas or vapor contaminant. **4.) Easy to handle and process:** the activated carbon is thermally bonded to the substrate, resulting in very little "brush off." The impregnation process coupled with the disposable pleated filter design virtually eliminates the mess associated with handling granular carbon. **5.) Product and size selection:** carbon pleated filters are made in all standard sizes of one, two, four, and six inch depths. **6.) Rated UL Class II.**

APPLICATIONS

laboratories, night clubs, commercial offices, restaurants, households, paper mills, paint departments, airports, and waste treatment facilities. Carbon pleated filters are interchangeable without modification in most central air handling systems, built up filter banks, or side access filter housings.

MEDIA

The media used in our EZ-Pleat ODRX carbon pleated filter is an activated carbon impregnated, non-woven polyester. The polyester media is impregnated with 150% carbon ad-on. These filters contain approximately 10.44 grams of carbon per square foot of media area. For example: a 24 x 24 x 2 carbon pleated filter contains approximately 12 square feet of effective media area and 125 grams of carbon.

FRAME CONSTRUCTION

EZ-Pleat ODRX pleated filters are enclosed in heavy duty, high wet strength beverage board frames. All inside frame surfaces are bonded to the media pack insuring proper pleat spacing, stability and retention as well as eliminating the possibility of air by-pass through the filter.

UL CLASSIFICATION

These 150% carbon add-on pleated filters are rated by Underwriters Laboratories as UL CLASS 2.

Prices and specifications are subject to change without notice. All sales are made subject to the terms and conditions contained in the Filtera, Statement of Business Policy, as revised from time to time, a current copy of which is available upon request.