

**GAS PHASE AND
PARTICULATE
PANEL / LINK
FILTER**



FEATURES:

- ☑ Available in Panel or Link Configuration
- ☑ Designed to Remove Particulate and Gas Phase Contaminates
- ☑ **MERV 8/9 Particulate Filtration**
- ☑ **Internal Wire Support**
- ☑ **Eliminates Air Bypass**
- ☑ **Fits in Side, Front or Rear Access Housings**
- ☑ **Available in Four Carbon Loadings**
- ☑ **Available with Carbon Blends**

TRI-DEK C features a unique and an advanced carbon to fiber bonding method that allows for more precise carbon loadings and lower resistance – the net result for you is more carbon and a lower operating resistance for your money.

Since IAQ related concerns and odor problems can arise quickly and last for various time periods, the TRI-DEK C can be part of the solution because it can easily fit into virtually all filter housings and can be simply interchanged with other medium efficiency particulate filters.

TRI-DEK C is available in a panel or linked panel construction with a polyester primary layer followed by the CarbonWeb[®] media and then followed by a final layer of polyester media. These layers are sealed around a wire ring for support. This unique combination of medias offers removal of both of following categories of contaminants - Particulates and Gas Phase.

The TRI-DEK C Panel offers all of the advantages of traditional panel/link filters over pleated filters – elimination of air bypass, reduced shipping and handling, reduced damage, extended service life, etc.

TRI-DEK C offers MERV 8/9 efficiency on particulate (per ASHRAE Standard 52.2-1999). TRI-DEK C is now available in carbon loadings of 45, 300, 345 and 600 grams per square foot.

To provide the maximum effectiveness for a large variety of odor/gas applications TRI-DEK C is available with alternatives to the standard granular activated carbon media. These alternatives include carbon and impregnated alumina blend or blend of zeolite, carbon and impregnated alumina.



Carbon and Impregnated Alumina Blend



Carbon, Impregnated Alumina and Zeolite Blend

APPLICATIONS

- COMMERCIAL
- HEALTH CARE
- INDUSTRIAL PLANTS
- LABORATORIES
- INSTITUTIONAL
- DISASTER REMEDIATION
- IAQ PROBLEMS

CONTAINS
CARBONWEB®
FLEXIBLE CARBON FILLED FIBERS
U.S. Pat. 5,124,177
Additional Patents Pending

SCIENTISTS TELL US THAT INDOOR AIR POLLUTION IS AMONG THE TOP 5 ENVIRONMENTAL PROBLEMS IN THE WORLD.

Most people spend up to 90% of their time indoors. Under normal conditions, indoor air contains 2 to 5 times more harmful particles than outdoor air, while the use of synthetic materials and chemical cleaning products can raise the level of indoor pollutants to over 100 times greater than those found outdoors. At the same time, today's "tight" buildings permit less fresh air to enter, thereby permitting the concentration of pollutants to rise dramatically.

TRI-DEK® C Technical Data

Product	GAC Wt. Grams Sq. Ft.	Nominal Thickness	Initial Resistance		Avg. Arrestance @ 500FPM	MERV Rating	Particulate Capacity	Final Resistance
			300 FPM	500 FPM				
Light Duty	45 (485 gr/m ²)	1 inch	0.14" W.G.	0.30" W.G.	80-85%	8	200 grams	1.0" W.G.
Medium Duty	300 (3225 gr/m ²)	2 inch	0.23" W.G.	0.55" W.G.	80-85%	8	200 grams	1.2" W.G.
Heavy Duty	345 (3710 gr/m ²)	2 inch	0.31" W.G.	0.65" W.G.	85%+	9	200 grams	1.2" W.G.
Ultra Duty	600 (6450 gr/m ²)	2½ - 3 inch	0.80" W.G.	N/A	80-85%	8	200 grams	1.2" W.G.

Tri-Dim Filter Corporation is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice.

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