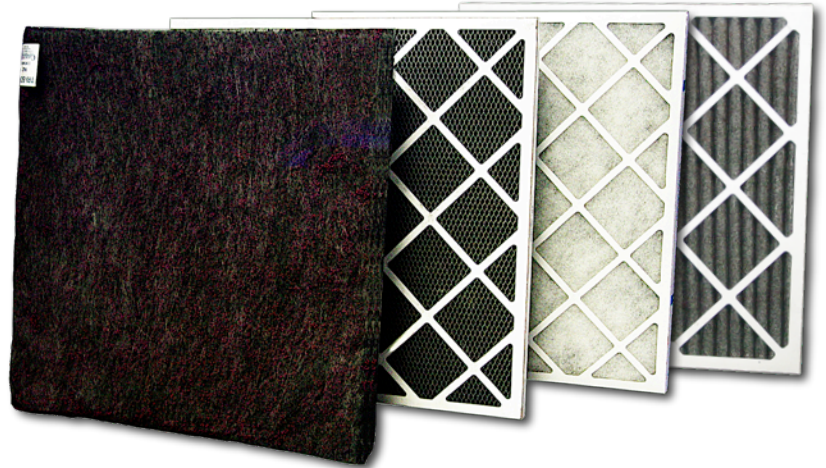


**GAS PHASE AND
PARTICULATE
PAD AND
DIE CUT FRAME
FILTERS**



FEATURES:

- ☑ **Available in Pad or Die Cut Frame**
- ☑ **Designed to Remove Particulate and Gas Phase Contaminates**
- ☑ **MERV 7 Particulate Filtration**
- ☑ **Three Stage Filtration Process**
- ☑ **Moisture Resistant Die-Cut Frame**
- ☑ **Packed in Polyethylene**
- ☑ **Available in a 50/50 Blend of Carbon and Impregnated Alumina**
- ☑ **Available in Five Carbon Loadings**
- ☑ **Easy Retrofit into Current Systems**

TRI-SORB filters are available in either pads, triple stage filtration and dual stage pleated configurations and are designed to remove gas phase contaminants.

TRI-SORB pads are available in 300 gram (*3225 grams/m²*) and 600 gram (*6450 grams/m²*) per square foot loadings. TRI-SORB pads utilize Granular Activated Carbon while the TRI-SORB PLUS pads are a 50/50 blend of Granular Activated Carbon and Impregnated Alumina. All TRI-SORB pads are covered with netting to minimize shedding. TRI-SORB and TRI-SORB PLUS pads are also available in die cut frames.

TRI-SORB Three Stage filters are manufactured in a die cut frame with three stages of filtration to provide both particulate and gas phase filtration. The triple stage filtration includes a 3/4" (*19 mm*) polyester prefilter for particulate control followed by the Granular Activated Carbon filter section. The carbon is available in 55 (*590 g/m²*), 200 (*2150 g/m²*) or 300 (*3225 g/m²*) grams per square foot loadings. The tertiary stage of filtration is a media pad designed to remove any stray particulate or carbon particles.

TRI-SORB I Dual Stage Pleated filters are available with 100 grams of carbon per square foot (*1075 g/m²*) and feature MERV 7 particulate efficiency.

The TRI-SORB PLUS III filters are manufactured with the same three-stage filtration as mentioned above but with 375 grams (*4035 g/m²*) of 50/50 blend of Granular Activated Carbon and Impregnated Alumina.

The TRI-SORB line of filters is a unique blend of gas phase and particulate filtration that utilizes the CarbonWeb® media in 100% Granular Activated Carbon, a 50/50 blend of Granular Activated Carbon and Impregnated Alumina to maximize the effectiveness to the broadest range of possible gas phase contaminants.

TRI-SORB is also available with a unique Triple Blend - Granular Activated Carbon, Impregnated Alumina and Zeolite. This triple blend offers high efficiency on the most expansive array of gas phase contaminants.

APPLICATIONS

- COMMERCIAL
- HEALTH CARE
- INDUSTRIAL PLANTS
- LABORATORIES
- INSTITUTIONAL
- GOVERNMENTAL
- MICROELECTRONIC
- IAQ PROBLEMS

CONTAINS
CARBONWEB®
FLEXIBLE CARBON FILLED FIBERS
Patent Number 6,878,193

TRI-SORB™ Technical Data

PADS

Product	Carbon Loading grams/ft ² (grams/m ²)	Filter Pad Thickness	Die Cut	Initial Resistance		Carbon Type
				300 FPM	500 FPM	
TRI-SORB III	300 (3225)	3/4" + (19 mm +)	7/8" (22 mm)	0.24" W.G. (60 PA)	0.38" W.G. (95 PA)	Granular Activated Carbon
TRI-SORB VI	600 (6450)	1 1/2" + (38 mm +)	1 3/4" (44 mm)	0.35" W.G. (87 PA)	0.82" W.G. (204 PA)	Granular Activated Carbon
TRI-SORB PLUS III	375 (4035)	3/4" + (19 mm +)	7/8" (22 mm)	0.25" W.G. (62 PA)	0.54" W.G. (134 PA)	50/50 Blend
TRI-SORB PLUS VI	750 (8070)	1 1/2" + (38 mm +)	1 3/4" (44 mm)	0.47" W.G. (117 PA)	1.05" W.G. (261 PA)	50/50 Blend

DUAL / TRIPLE STAGE FILTRATION

Product	Carbon Loading	Filter Thickness	Initial Resistance		Particulate Efficiency	Carbon Type	Final Resistance
			300 FPM	500 FPM			
TRI-SORB I PLEATED	100 g/ft ² (1075 g/m ²)	7/8" (22 mm)	0.21" W.G. (52 PA)	0.42" W.G. (104 PA)	MERV 7	Activated Carbon	1.5" W.G. (373 PA)
TRI-SORB II TRIPLE STAGE	200 g/ft ² (2150 g/m ²)	1 3/4" (44 mm)	0.22" W.G. (55 PA)	0.51" W.G. (127 PA)	MERV 7	Activated Carbon	1.2" W.G. (299 PA)
TRI-SORB III TRIPLE STAGE	300 g/ft ² (3225 g/m ²)	1 3/4" (44 mm)	0.31" W.G. (77 PA)	0.75" W.G. (187 PA)	MERV 7	Activated Carbon	1.2" W.G. (299 PA)
TRI-SORB PLUS III TRIPLE STAGE	375 g/ft ² (4035 g/m ²)	1 3/4" (44 mm)	0.31" W.G. (77 PA)	0.75" W.G. (187 PA)	MERV 7	50/50 Blend	1.2" W.G. (299 PA)

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

Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance. Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation.



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