

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.



TRI-DIM
FILTER CORPORATION
TRI-DIM FILTER CORPORATION
P.O. BOX 466 • 93 INDUSTRIAL DRIVE
LOUISA, VA 23093
(540) 967-2600 • FAX: (540) 967-2835



Local Representation:

BROCHURE #2000-1
Revision: 07/2014

