



# **TRI-PURE™ HEPA & HEPAMAX™ FILTERS**

**GEL SEAL SEPARATOR STYLE  
HEPA FILTERS**



**WHEN CLEAN AIR IS CRITICAL**

# TRI-PURE™ HEPA & HEPAMAX™

## GEL SEAL SEPARATOR STYLE HEPA FILTERS



### FEATURES:

- ☑ Available in Standard and High Flow Models
- ☑ Extruded Aluminum Anodized Frame
- ☑ Microfiber Media Packs
- ☑ Rolled and Tapered Aluminum Separators
- ☑ Efficiencies available from 99.97% @ 0.3  $\mu\text{m}$  to 99.99% @ 0.3  $\mu\text{m}$
- ☑ Scan Testing Available
- ☑ Gel Seal
- ☑ Faceguards optional on either or both faces
- ☑ Quality-Controlled Manufacturing Facility

Tri-Dim Filter Corporation's TRI-PURE™ HEPA & HEPAMAX™ filters offer a complete line of high efficiency filters for your critical applications and environments. Tri-Dim's quality-controlled manufacturing facility ensures that you receive the highest quality product.

Both TRI-PURE™ HEPA and HEPAMAX™ filters are available in a variety of styles to meet your demanding application needs. TRI-PURE™ HEPA is our standard capacity HEPA rated at 250 FPM with an initial resistance 1.0" W.G. The TRI-PURE HEPAMAX™ is our high flow model with 80% more media than our standard version and is rated at 500 FPM with an initial resistance 1.4" W.G.

The TRI-PURE™ HEPA Gel Seal product line is offered in an anodized extruded aluminum frame that allows for maximum strength and maximum media surface area.

TRI-PURE™ HEPA and HEPAMAX™ media packs are constructed utilizing moisture resistant, glass microfibers. The TRI-PURE™ media pack is supported by aluminum separators that are rolled and tapered and placed between each pleat to maximize performance, ensure maximum airflow at minimum resistance and to protect the media pack.

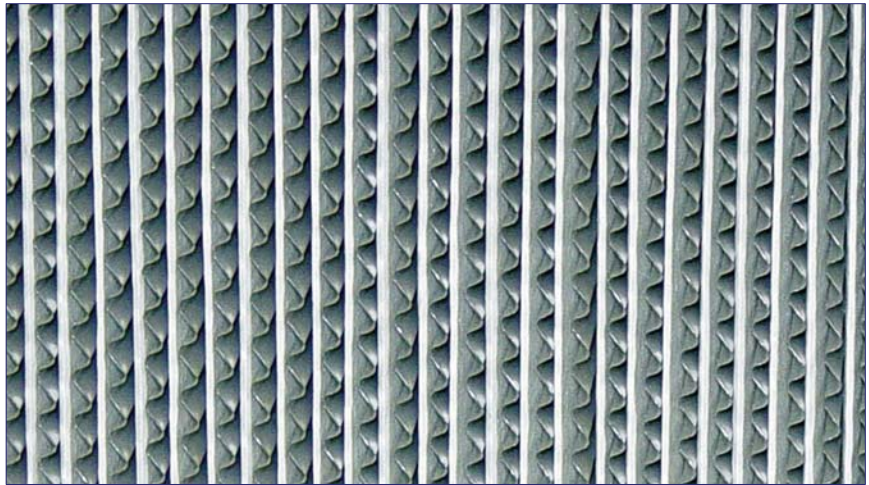
TRI-PURE™ HEPA and HEPAMAX™ filters have a minimum efficiency at rated airflow of 99.97% on 0.3 micron size particles at the rated airflow.

Scan Tested TRI-PURE™ HEPA and HEPAMAX™ filters have a minimum efficiency of 99.99% on 0.3 micron size

particles. These filters are scan tested to ensure there are no pinhole leaks greater than 0.01% in the media pack and the media to frame seal. Tri-Dim offers higher efficiency models - please contact us for details.

TRI-PURE™ HEPA and HEPAMAX™ filters are available in either a gasket seal or gel seal configuration.

Tri-Dim's standard Gel is a two-part TRI-PURE™ Gel that factory installed. TRI-PURE™ HEPA and HEPAMAX™ Gel Seal filters are for use in high purity applications.



*Tri-Dim's TRI-PURE™ HEPA media pack*



*TRI-PURE™ Gel Seal*

TRI-PURE™ HEPA and HEPAMAX™ filters are also available in a Gasket Seal configuration, please consult the TRI-PURE™ HEPA and HEPAMAX™ Gasket Seal literature (#1700-1) or contact your local sales professional for more information.

TRI-PURE™ HEPA and HEPAMAX™ filters are constructed of anodized

extruded aluminum frames, connected at the corners with the TRI-PURE™ Dual-Corner fastener system that produces an airtight rigid joint. The media pack is encapsulated into the frame on all four sides with a polyurethane sealant. Other features of the anodized aluminum frame include a protective finish that is corrosion resistant and it significantly reduces the weight of the filter when compared to other frame material options.

The gel seal version is available with optional extractor clips for side access housing applications where required.

TRI-PURE™ HEPA and HEPAMAX™ filters are available with optional faceguards to protect the filter media from damage.

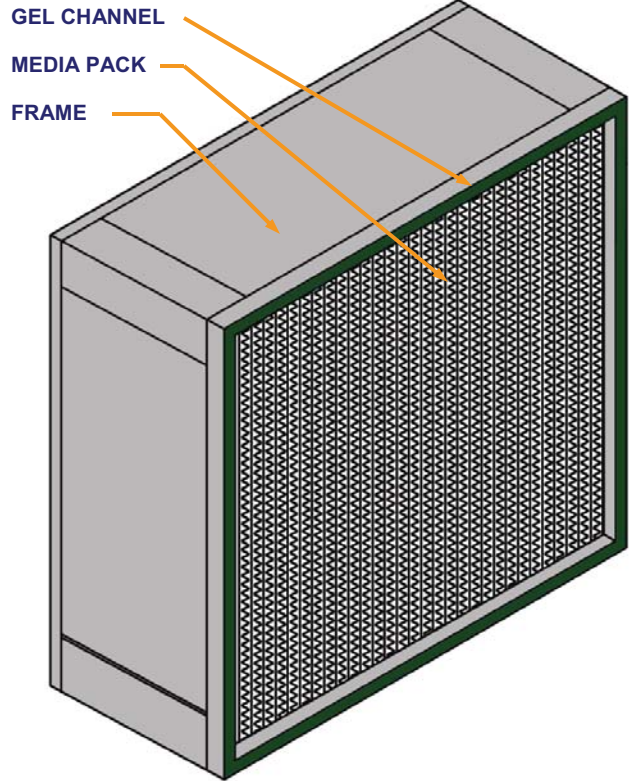


*Tri-Dim's TRI-PURE Gel Seal Filter with Extractor Clips for Side Access Applications*

## TRI-PURE™ HEPA TYPICAL APPLICATIONS

- HEALTHCARE
- BIOTECH
- PHARMACEUTICAL
- FOOD PROCESSING
- SEMICONDUCTOR
- BIOMEDICAL
- UNIVERSITIES
- LABORATORIES
- INDUSTRIAL APPLICATIONS
- PHOTO PROCESSING
- MUSHROOM GROWERS
- RESEARCH

## TRI-PURE™ HEPA DRAWING



## TRI-PURE™ HEPA AND HEPAMAX™ TECHNICAL DATA

### TRI-PURE™ HEPA STANDARD CAPACITY MODEL

Recommended Airflow	250 FPM (1.25 m/sec)
Resistance	1.0" W.G. @ 250 FPM (250 Pascals)
Temperature Limit	250°F (121°C)
Frame Construction	Extruded Anodized Aluminum
Sealant	Polyurethane
Media	Glass Microfiber
Separators	Aluminum
UL 900 Class 1*	

\*Metal Frame Version

### TRI-PURE HEPAMAX™ HIGH FLOW MODEL

Recommended Airflow	500 FPM (2.5 m/sec)
Resistance	1.4" W.G. @ 500 FPM (350 Pascals)
Temperature Limit	250°F (121°C)
Frame Construction	Extruded Anodized Aluminum
Sealant	Polyurethane
Media	Glass Microfiber
Separators	Aluminum
UL 900 Class 1*	

\*Metal Frame Version

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

Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation. Tri-Pure™ and HEPAMAX™ are Trademarks of 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

EMAIL: info@tridim.com • Website: www.tridim.com

TOLL FREE 1-800-458-9835

### Local Representation: