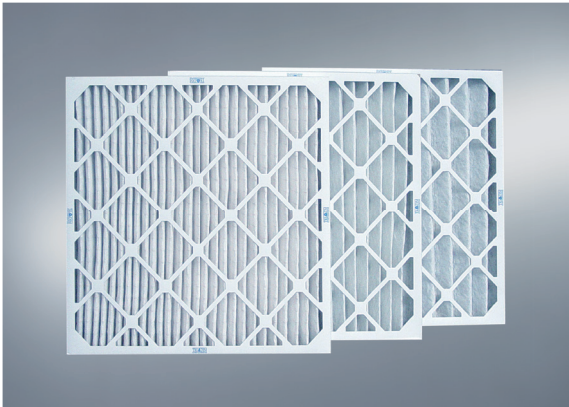




TRI-PLEAT™ Series
Extended Surface
Pleated Air Filters

TRI-PLEAT™ Series Extended Surface Pleated Filters

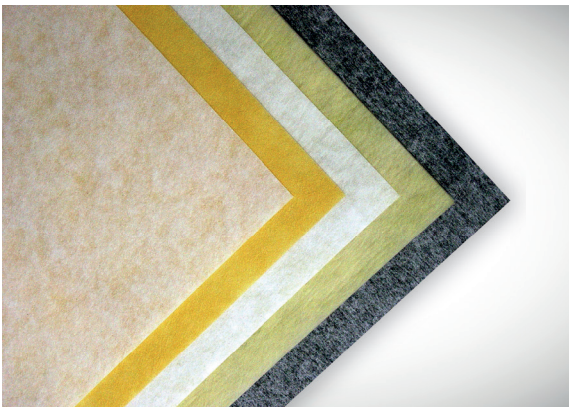
TRI-PLEAT EXTENDED SURFACE AIR FILTERS OFFER SUPERIOR PERFORMANCE, RUGGED CONSTRUCTION, WIDE RANGE OF SIZES, LONG SERVICE LIFE, AND HIGH EFFICIENCY.



ES40ME Series (l), ES40LE Series (m) and ES40E (r) Series

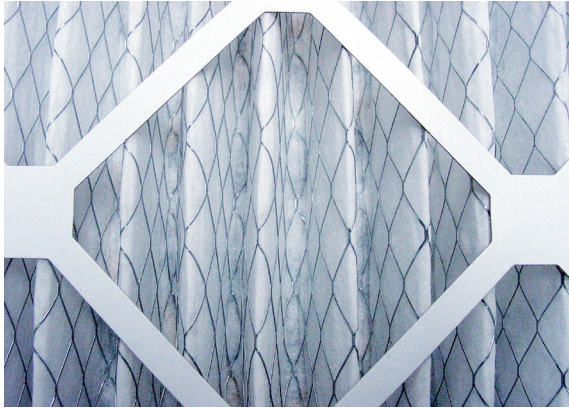
CAPACITY LEVELS

TRI-PLEAT filters are offered in a wide selection of capacity levels – the ES40ME and ES60ME filters are the High Capacity series manufactured with the maximum amount of media. The high capacity series offers the lowest resistance, highest dust holding capacity and the longest service life. The ES40LE and ES60LE filters are the Standard Capacity series. The standard capacity series offers extended surface area, long service life and high dust holding capacity. Tri-Dim also offers the ES40E filters, which is our Economy series. The economy series offers superior performance for a minimal investment.



MEDIA OPTIONS

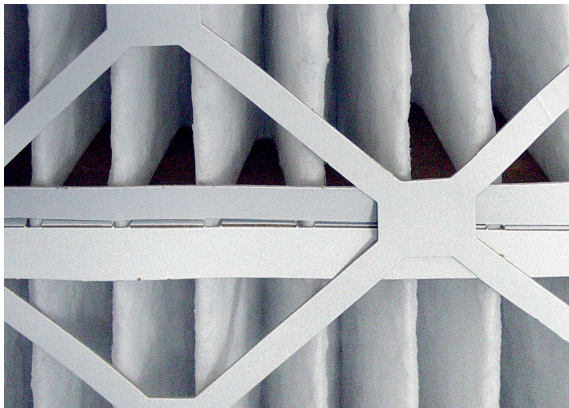
TRI-PLEAT filters offer a variety of filter medias to meet an array of application and needs. The TRI-PLEAT 40 Series media provides MERV 7 efficiency and is manufactured from 100% synthetic fibers to offer superior performance. TRI-PLEAT ES60 Series is manufactured from a fiberglass media and offers excellent performance, high efficiency and can be used in high temperature applications with metal frames. Tri-Dim also offers the ULTRA Series - mechanical MERV 8 efficiency with low resistance and MERV 11 efficiencies are offered with our LX11 series. Our TRI-PLEAT GREEN offers a MERV 13 efficiency. Carbon medias are also available in our Tri-Sorb XL and Tri-Sorb 50/50 medias for the removal of Gas Phase contaminants.



Rust Resistant Expanded Metal Backing

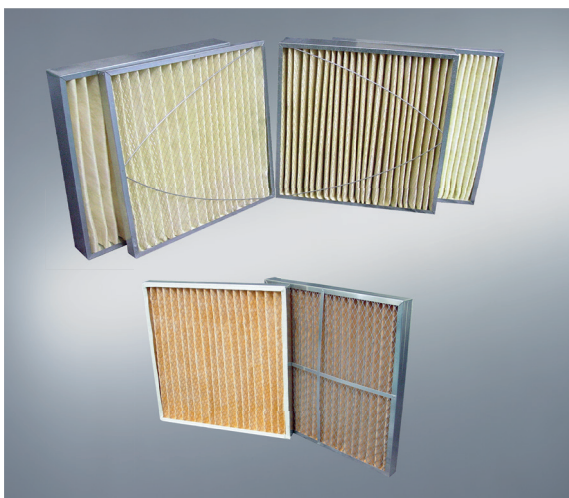
WIRE SUPPORT

TRI-PLEAT filters are offered with an expanded metal backing. The Expanded Metal support backing offers exceptional media support. The expanded metal backing is impervious to rust, unlike other metal backings. Rust on the downstream side of a filter can actually add contamination to the air stream. The metal backing is securely bonded to the media for filter integrity.



DIE CUT FRAME

The TRI-PLEAT Die Cut Frame can help achieve Sustainability goals by utilizing 100% reclaimed fiber which includes 35% Post Consumer fiber. This frame is a robust beverage board frame that features diagonal supports bonded to the media pack for extra strength and to maintain proper pleat spacing. The pleat pack is bonded to a two-piece frame around the entire perimeter edge. Four-inch deep filters also utilize additional cardboard 'finger' supports for stability. The TRI-PLEAT Die Cut frame is treated with an Aqua Coat treatment for added moisture resistance.



ES60 Class 1 Pleats (top) and HT60 High Temperature Pleats (below)

ADDITIONAL OPTIONS

- **Antimicrobial Treatment:** EPA Registered treatment to control the growth of microbials within the filter.
- **Class 1:** (photo left) utilizes a galvanized steel frame and the ES60 media.
- **High Temperature:** Tri-Dim's TRI-PLEAT HT (photo lower left) is engineered to operate at temperatures up to 500°F (260°C).
- **ULTRA Series:** High Efficiency Pleated filters – mechanical MERV 8 and low resistance (see Brochure #900-2 for more information).
- **LX11 Series High Efficiency Pleated filters:** MERV 11 (see Brochure #900-5 for more information).
- **TRI-PLEAT GREEN:** High Efficiency filters – MERV 13 (see Brochure #1900-6 for more information).
- **Tri-Sorb XL and Tri-Sorb 50/50:** Carbon Pleats for Gas Phase applications (see Brochures #2000-2 and #2000-6 for more information).

TRI-PLEAT™ Series

Technical Data

SPECIFICATIONS

Specifications	TRI-PLEAT ES40 Series	TRI-PLEAT ES60 Series
Media	Synthetic	Fiberglass
Frame	100% Reclaimed Fiber Moisture Resistant Die-Cut	100% Reclaimed Fiber Moisture Resistant Die-Cut or Galvanized
Final Resistance	1.0" W.G. (249 PA)	1.0" W.G. (249 PA)
Resistance @ 500FPM (2.54 m/sec):	2" Deep ES40E Series 0.28" WG (70 PA), 4" Deep ES40E Series 0.21" WG (52 PA) 1" Deep ES40LE Series 0.35" WG (87 PA) 2" Deep ES40LE Series 0.24" WG (60 PA) 4" Deep ES40LE Series 0.18" WG (45 PA) 1" Deep ES40ME Series 0.27" WG (67 PA) 2" Deep ES40ME Series 0.22" WG (55 PA) 4" Deep ES40ME Series 0.16" WG (40 PA)	2" Deep ES60LE Series 0.72" WG (179 PA) 4" Deep ES60LE Series 0.52" WG (129 PA) 2" Deep ES60ME Series 0.69" WG (172 PA) 4" Deep ES60ME Series 0.49" WG (122 PA) 2" Deep ES60LE Class 1 0.72" WG (179 PA) 4" Deep ES60LE Class 1 0.52" WG (129 PA) 2" Deep ES60ME Class 1 0.69" WG (172 PA) 4" Deep ES60ME Class 1 0.49" WG (122 PA)
Approx. Sq. Ft. of Media*	2" Deep ES40E Series Pleat 2.1 Sq. Ft. 4" Deep ES40E Series Pleat 3.9 Sq. Ft. 1" Deep ES40LE Series Pleat 1.6 Sq. Ft. 2" Deep ES40LE Series Pleat 3.2 Sq. Ft. 4" Deep ES40LE Series Pleat 5.9 Sq. Ft. 1" Deep ES40ME Series Pleat 2.3 Sq. Ft. 2" Deep ES40ME Series Pleat 4.8 Sq. Ft. 4" Deep ES40ME Series Pleat 7.2 Sq. Ft.	2" Deep ES60LE Series Pleat 3.2 Sq. Ft. 4" Deep ES60LE Series Pleat 5.9 Sq. Ft. 2" Deep ES60ME Series Pleat 4.8 Sq. Ft. 4" Deep ES60ME Series Pleat 7.2 Sq. Ft.
Rated Efficiency	ES40E Series MERV 7 ES40LE Series MERV 7 ES40LE AT Series MERV 7 ES40ME Series MERV 7 ES40ME AT Series MERV 8	ES60LE Series MERV 11 ES60ME Series MERV 11 ES60LE Class 1 Series MERV 11 ES60ME Class 1 Series MERV 11
Meets Requirements	ANSI/UI-900	ANSI/UI-900

AT = Antimicrobial Treated

* Per 1.0 Sq. Ft. of Filter Face Area

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.

LOCAL REPRESENTATIVE