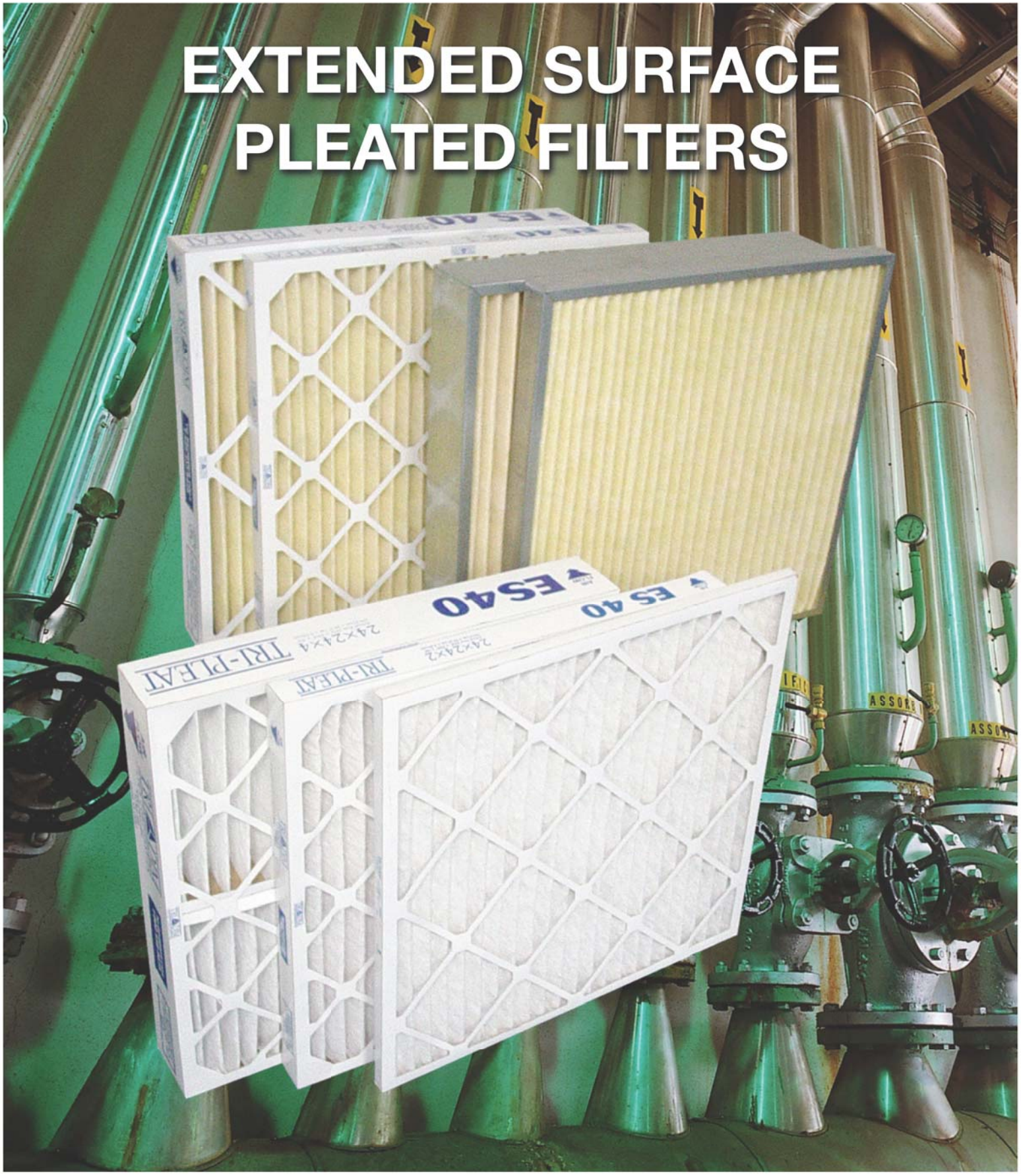
TRI DIM
FILTER CORPORATION

TRI-PLEAT™ SERIES

Extended Surface Pleated Air Filters

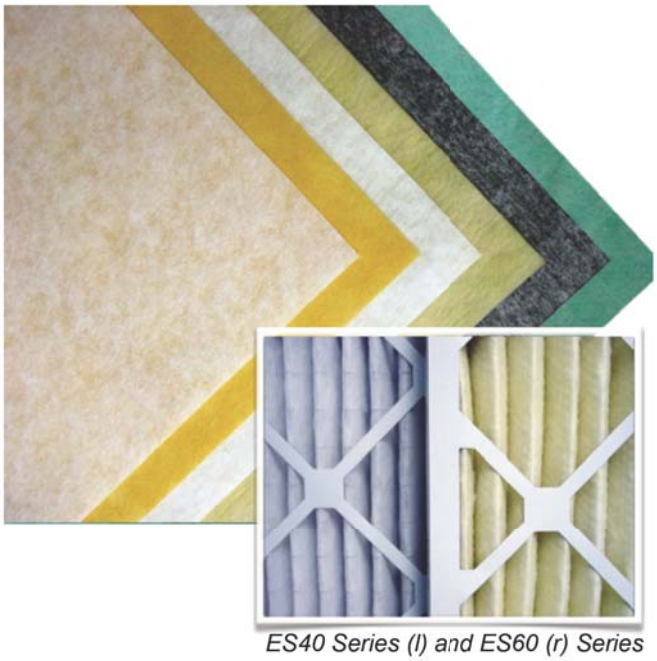


TRI-PLEAT EXTENDED SURFACE AIR FILTERS OFFER SUPERIOR PERFORMANCE, RUGGED CONSTRUCTION, WIDE RANGE OF SIZES, LONG SERVICE LIFE, AND HIGH EFFICIENCY

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.

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



ES40 Series (l) and ES60 (r) Series

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.

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.

Rust Resistant Expanded Metal Backing

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.

ADDITIONAL OPTIONS

Antimicrobial Treatment – EPA Registered treatment to control the growth of microbials within the filter.

Class 1 - (*photo right*) utilizes a galvanized steel frame and the ES60 media.

High Temperature – Tri-Dim's TRI-PLEAT HT (*photo lower right*) is engineered to operate at temperatures up to 500° F (*260° C*).

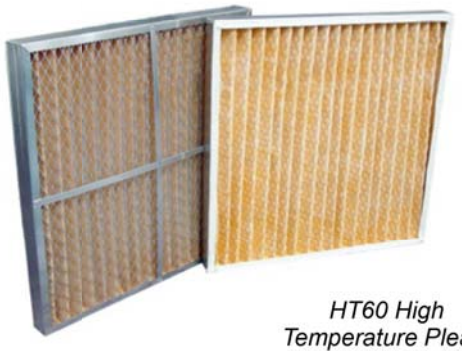
ULTRA Series – High Efficiency Pleated filters – mechanical MERV 8 and low resistance – see Brochure #900-2 for more information.

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.

ES60 Class 1 Pleats



HT60 High Temperature Pleats

PRODUCT SPECIFICATIONS

SPECIFICATION
TRI-PLEAT ES40 SERIES

MEDIA:

Synthetic

RECOMMENDED FINAL RESISTANCE:

1.0" W.G. (*249 PA*)

APPROX. SQ. FT. OF MEDIA:

(per 1.0 Sq. Ft. of Filter Face Area)

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.

RESISTANCE @ 500 FPM (*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*)

RATED EFFICIENCY:

ES40E Series	MERV 7
ES40LE Series	MERV 7
ES40LE AT Series	MERV 7
ES40ME Series	MERV 7
ES40ME AT Series	MERV 8

AT = Antimicrobial Treated

Filters Meet ANSI/UL-900 Requirements

SPECIFICATION
TRI-PLEAT ES60 SERIES

MEDIA:

Fiberglass

RECOMMENDED FINAL RESISTANCE:

1.0" W.G. (*249 PA*)

APPROX. SQ. FT. OF MEDIA:

(per 1.0 Sq. Ft. of Filter Face Area)

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.

RESISTANCE @ 500 FPM (*2.54 m/sec*):

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*)

RATED EFFICIENCY:

ES60LE Series	MERV 11
ES60ME Series	MERV 11
ES60LE Class 1 Series	MERV 11
ES60ME Class 1 Series	MERV 11

Filters Meet ANSI/UL-900 Requirements

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NAFA National Air Filtration Association