



**MERV 8 and MERV 11
Pleated Air Filters**



TRI-PLEAT LX 11 SERIES

**High Efficiency
Extended Surface
Pleated Air Filter
MERV 11 Rated**

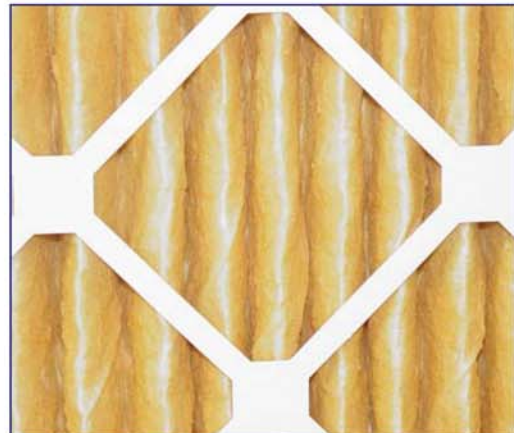


TRI-PLEAT LX 11 PLEATED FILTERS

Tri-Dim Filter Corporation is now offering high efficiency pleated filters in our TRI-PLEAT LX 11 Series. The TRI-PLEAT LX 11 Series offers pleated air filters with a rated efficiency of MERV 11. The TRI-PLEAT LX 11 Series Pleated filters will allow for a quick and easy efficiency upgrade for your facility.

MEDIA AND EFFICIENCY:

The TRI-PLEAT LX 11 Pleated filter offers MERV 11 rated efficiency in both a standard and high capacity version. The TRI-PLEAT LX 11 is constructed utilizing synthetic, electrostatically charged media that provides high efficiency allowing the TRI-PLEAT LX 11 to be used as a final or prefilter. MERV 11 rated filters have a minimum efficiency of between 65% and 80% on particles from 1 to 3 microns in size. This particle size range is specifically a target because it represents the size of most airborne biological matter.



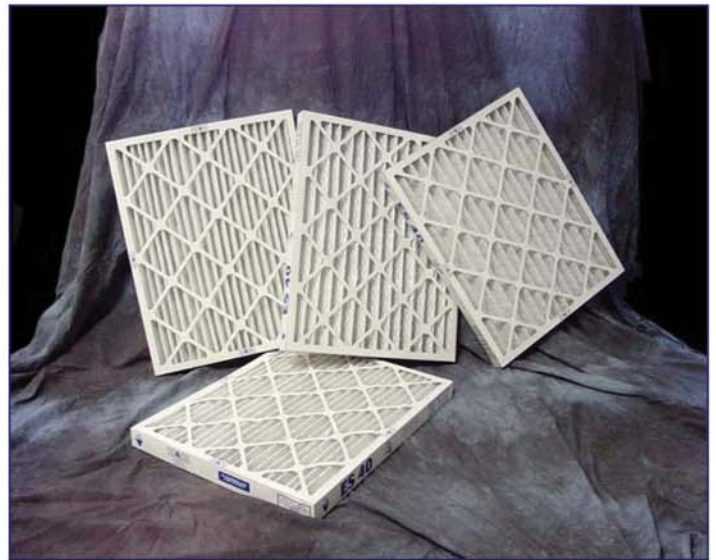
FRAME AND SUPPORT:

The TRI-PLEAT LX 11 Pleated filter offers a heavy duty, moisture resistant, beverage board frame that, along with a rust resistant, expanded metal backing, will provide the strength required for your demanding applications. The TRI-PLEAT LX 11 is available in optional 1", 2" or 4" depths and 46 standard sizes, as well as special sizes, to allow for an easy upgrade from conventional pleated or disposable filters to a higher efficiency, all synthetic filter.

TRI-PLEAT LX 8 SERIES

**High Efficiency
Extended Surface
Pleated Air Filter**

MERV 8 Rated



TRI-PLEAT LX 8 PLEATED FILTERS

Tri-Dim Filter Corporation is also offering MERV 8 high efficiency pleated filters in our TRI-PLEAT LX 8 Series. The TRI-PLEAT LX 8 Series Pleated filters will also allow for a quick and easy efficiency upgrade for your facility.



MEDIA AND EFFICIENCY:

The TRI-PLEAT LX 8 Pleated filter offers MERV 8 rated efficiency in both a standard and high capacity version. The TRI-PLEAT LX 8 is constructed utilizing synthetic, electrostatically charged media that provides high efficiency allowing the TRI-PLEAT LX 8 to provide significantly higher efficiency when compared to conventional pleated filters. MERV 8 rated filters have a minimum efficiency of greater than 70% on particles from 3 to 10 microns in size. This particle size range is typically the

target of prefilters because it represents the size of particles that can shorten the life of final filters or clog coils and reduce transfer efficiency. Conventional pleated filters range from 35% to 70% efficient on this size particle.

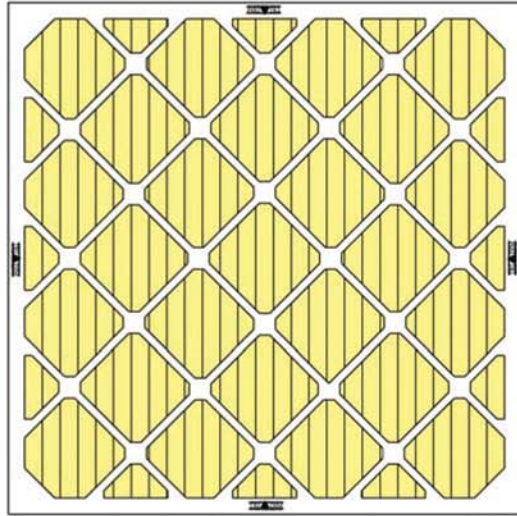
FRAME AND SUPPORT:

The TRI-PLEAT LX 8 Pleated filters also offer a heavy duty, moisture resistant, beverage board frame that, along with a rust resistant, expanded metal backing, will provide the strength required for your demanding applications. The TRI-PLEAT LX 8 is available in optional 1", 2" or 4" depths and 46 standard sizes, as well as special sizes, to allow for an easy upgrade from conventional pleated or disposable filters to a higher efficiency, all synthetic filter.

Tri-Dim's TRI-PLEAT LX series offers an economical, low hassle method of improving the efficiency of your facilities systems to improve IAQ and offer increased protection from biological materials.

TECHNICAL INFORMATION

DRAWING



SPECIFICATION TRI-PLEAT LX SERIES

MEDIA:

100% Synthetic, Electrostatic

RECOMMENDED FINAL RESISTANCE:

1.0" W.G.

APPROX. SQ. FT. OF MEDIA:

(per Sq. Ft. Face Area)

1" Deep LE = 1.6 Sq. Ft.

2" Deep LE = 3.2 Sq. Ft.

4" Deep LE = 5.9 Sq. Ft.

1" Deep ME = 2.3 Sq. Ft.

2" Deep ME = 4.8 Sq. Ft.

4" Deep ME = 7.2 Sq. Ft.

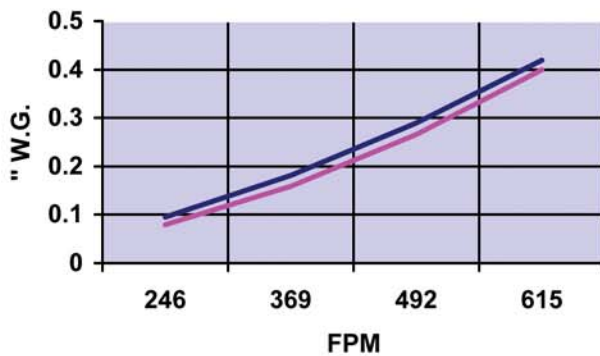
EFFICIENCY: (per ASHRAE 52.2-1999)

LX 8 = MERV 8

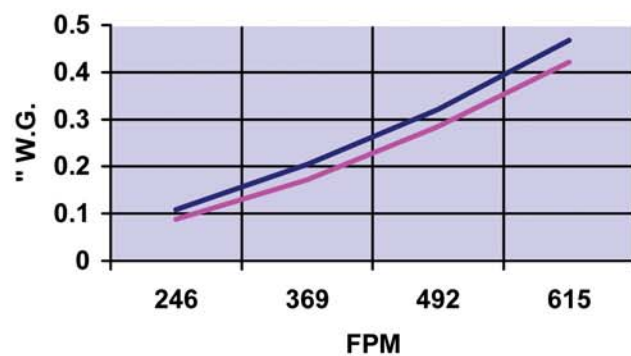
LX 11 = MERV 11

INITIAL RESISTANCE CURVES

TRI-PLEAT LX 8



TRI-PLEAT LX 11



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

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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: