

PRODUCT OVERVIEW

- Achieves MERV 6
- Up to three times the capacity and service life of other panel filters
- Longer service life means lower operating costs
- Self-gasketing design prevents air by-pass that lowers efficiency
- Media is non-allergenic, unaffected by moisture, humidity, and most corrosive chemicals
- The media will not support growth of fungus or bacteria
- Replaces pleats and fiberglass throwaways
- A wide range of standard and custom sizes
- Available in link configuration



3-PLY FILTERS-SERIES 15/40

WHY 3-PLY FILTERS-SERIE 15/40?

- The Aerostar 3-Ply Panel and Link filters incorporate three distinct filter layers permanently heat-sealed around a galvanized, 9 gauge internal wire frame.
- The first layer acts as a high-porosity impingement filter, the second a high-density interceptor and the third a durable strainer to prevent unloading or streaming. A non-migrating tackifier between the second and third laminates assures positive filter-cake build up.
- This filter achieves a high level of efficiency on a wide range of particle sizes. Because no external support structure is necessary, all of the media surface is exposed to the air stream.
- Aerostar 3-Ply filters approach or exceed the performance and service life of rigid, pleated filters. They offer the additional advantage of being linkable, and the self-gasketing, friction-fit frames can often eliminate the need for extra mounting hardware.
- You may choose either the panel or link form of filter construction. The link form is designed for side load slide-in systems. It eliminates any possible joint by-pass, and can reduce filter change-out time by up to 70%. Both panels and links offer approximately three times the life of fiberglass throwaway filters.
- When used as pre-filters, these filters will add substantially to the life of more expensive high-efficiency filters.

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AIR FLOW CAPACITIES

NOMINAL SIZE*	CAPACITY CFM @ 300 FPM
12 x 24	600
15 x 20	625
16 x 20	670
16 x 25	833
18 x 24	900
20 x 20	833
20 x 24	1000
20 x 25	1042
24 x 24	1200
25 x 25	1302

Initial resistance " w.g. = 0.28 for all sizes

* Contact Customer Care for additional sizes and information.

ADVANTAGES OF AEROSTAR 3-PLY

These 3-ply, triple-density filters are a substantial "step up" from conventional fiberglass throwaway filters. They offer up to triple the efficiency and triple the service life, but do not cost three times more. The heat-sealed laminated construction eliminates fiber break-off and makes the filters easier to handle with bare hands. The self-gasketing frame reduces hardware and holding devices by giving a positive friction-fit. The Aerostar 3-Ply is an ideal filter for medium-efficiency applications.

SPECIFICATIONS

Filter Media:	3 layers of 100% synthetic fibers
Internal Frame:	9 gauge wire
Flammability:	UL 900 Class 2
Recommended Final	
Resistance:	1.0" w.g.
Maximum Temperature:	120° F
Actual Dimension of	
Internal Frame:	1/2" under nominal size*

*The internal wire frame used in standard panels are manufactured to the nominal size of the filter, less 1/2". For example, the actual dimension of the wire frame for a 20"x20" 3-ply panel is 19 1/2"x19 1/2", a 1/2" smaller than both nominal dimensions.

DIMENSIONS

PART NUMBER	NOMINAL SIZE*	CASE QTY
10856	10 x 20	24
10857	12 x 20	24
10858	12 x 24	24
10860	14 x 20	24
10861	14 x 25	24
10862	15 x 20	24
10865	16 x 20	24
10867	16 x 24	24
10869	16 x 25	24
10870	18 x 24	24
10871	18 x 25	24
10836	20 x 20	24
10874	20 x 24	24
10875	20 x 25	24
10895	20 x 46	8
10896	20 x 48	8
10877	24 x 24	24
10879	25 x 25	24