

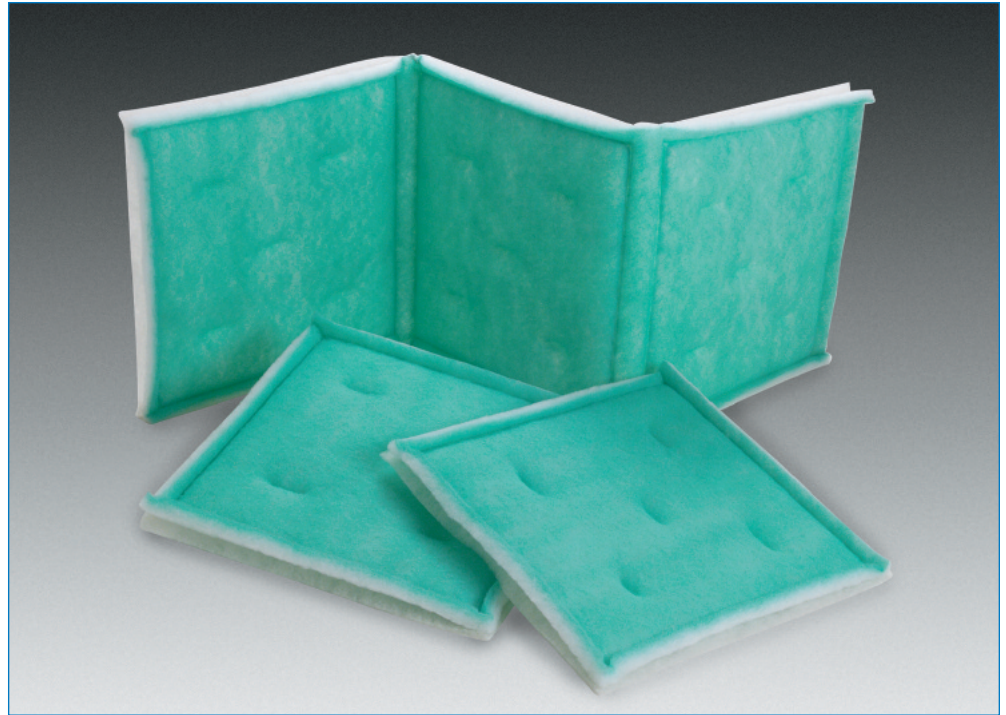


FILTRATION GROUP®



- Achieves *MERV 8*
- *Aggressive tackifier on final layer traps and holds dirt particles*
- *Self-gasketing design prevents air by-pass that lowers efficiency*
- *Three stage filtration*
- *Galvanized internal 9 gauge wire ring frame*
- *The media will not support growth of fungus or bacteria*
- *Replaces pleats and fiberglass throwaways*
- *Designed for rugged and higher humidity commercial/industrial applications*
- *A wide range of standard and custom sizes available*
- *Available in link configuration*

M-3 PANEL & LINK FILTERS



DESCRIPTION

The M-3 Panels & Links are constructed with a premium grade, 100% polyester fiber, 3-stage media. The M-3 features a dry open web on the air entering side serving as a first stage prefilter, catching only the larger particles. Smaller particles are caught by the second ply of finer denier fibers. The final layer is a tightly needled matrix treated with a non-migrating tackifier to catch and hold the smallest particles.

BENEFITS

These filters are treated with an aggressive tackifier which is sticky to the touch, but will not transfer to hands, clothing, or coils. They also offer the additional advantage of being linkable. The self-gasketing, friction fit frames can often eliminate the need for extra mounting hardware. The 100% polyester filters will not absorb moisture and are designed for normal to humid HVAC systems.

APPLICATIONS

The M-3 Panels & Links are designed for use in commercial and industrial applications requiring higher levels of performance. These filters are also used extensively in paint booths to clean incoming air before it reaches the spraying surface. The M-3 Panels & Links are highly effective in typical HVAC applications and as a prefilter to high efficiency filters.

M-3 PANEL & LINK FILTERS



FEATURES

BENEFITS

3 STAGE FILTRATION	Three stage design allows finer particles to load deep into the filter and become trapped in the tackified third stage. Increased life and efficiency.
9 GAUGE GALVANIZED WIRE FRAME	Prevents additional particles in the air stream caused by non-coated wires.
PANEL & LINK CONFIGURATION	Eliminates dirty air by-pass by self-gasketing in filter tracks. Custom sizes for most side track units.
100% POLYESTER FIBERS	Designed for normal or humid HVAC systems. Will not absorb moisture like cotton fibers found in some pleat filters. Will not shed like some glass fibers.

ADVANTAGES OF AEROSTAR M-3 PANEL & LINK FILTERS

These M-3 Panel & Link, triple-density filters are a substantial "step up" from conventional fiberglass throwaway filters. They offer more than triple the efficiency and triple the service life. 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. These are 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" x 20" M-3 Panel & Link is 19 1/2" x 19 1/2"; a 1/2" smaller than both nominal dimensions.*



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