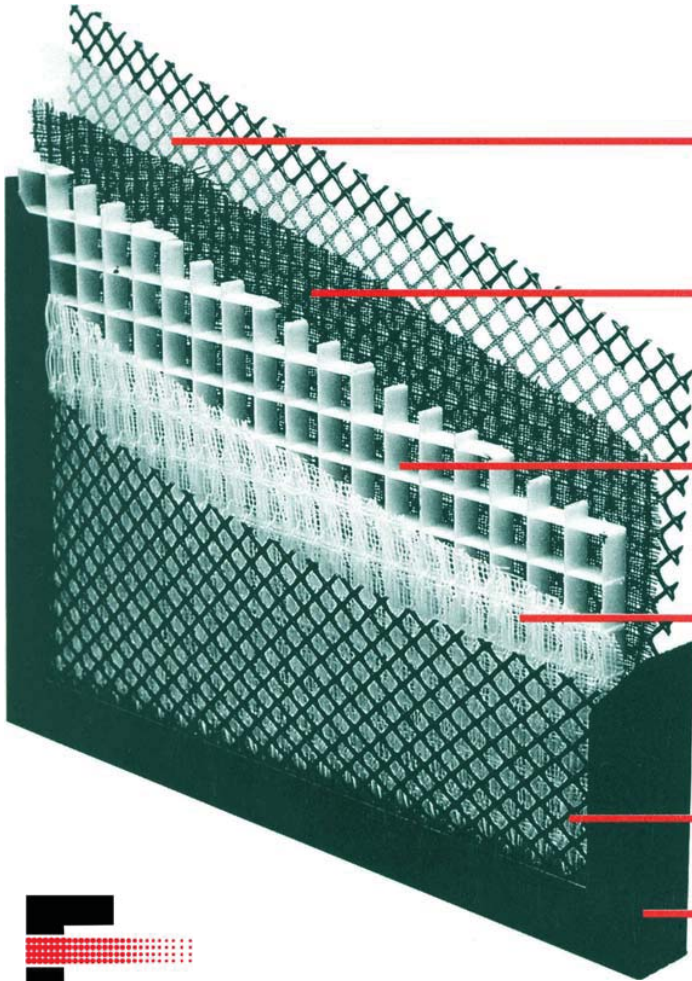


A+2000™

Permanent Electrostatic Air Filters

PATENTED STAGE LOADING DESIGN

The secret behind the A+2000's performance is its patented stage loading/peak and valley design. Instead of face loading (particles captured on the outer surface of the filter) the A+2000 uses stage loading, with each stage capturing progressively smaller particles inside the filter. This design enables the A+2000 to maintain its performance over the years.



Layer E (Back)

Fine material, tightly woven and made of high density polypropylene. This final layer provides more stage loading to help the filter capture some particles as small as .5 to .6 microns.

Layer D

Medium mesh peak and valley design containing material made of high density polypropylene. This is the third layer of filtration material designed to hold particles in valleys allowing air flow through peak areas.

Layer C

Eggcrate design made of polystyrene material. The physical properties of this glass-like material are its strength, stability and electrostatic holding capabilities.

Layer B

This patented first layer has a proprietary peak and valley design with large openings to allow maximum air flow with filtering capabilities to capture larger particles. Made of high density polypropylene, this layer starts the electrostatic reaction that holds particles to the fabric.

Layer A (Front)

Polyethylene webbing designed to hold fabrics in framing under high velocities of air flow.

Framing

High density polystyrene designed for strength and durability. Physical properties: Non-corrosive and non-conducting.



FILTRATION MANUFACTURING, INC.

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