

HEPAX

GENERAL DESCRIPTION

HEPAX air filters are a minimum of 99.97% efficient on .3 micron particles unless otherwise specified by the customer. The filtration media for these filters is micro glass fiber media. The filters are constructed in the minipleat design. We are not building filters with separators between the pleats. The frame material available for these filters is steel, aluminum, plastic, or wood. HEPAX is available in a variety of thicknesses determined by application. Gasket is usually neoprene, but is also available in IV2. Filters may be pressure tested and we also offer efficiency testing.

APPLICATIONS

The HEPAX is for applications where tolerances require cleanliness at the submicronic level. Traditionally the HEPA filter has been thought of as used in clean rooms and laminar flow benches, but over the years this level of cleanliness have been the backbone of much of the most advanced technology. All hard disk drives have a HEPA in them. Most laser equipment has HEPA's in them. Even vacuum cleaners boast HEPA filtration systems. They can be used in almost any application and where the cleanliness of the air source can improve the reliability and/or the accuracy of the product or process.

TYPICAL SPECIFICATIONS

- Frame: 26 ga. Galvanized Steel, .025 and .040 3003H14 Aluminum, or ABS Plastic
- Closure: Aluminum or steel blind rivet, or solvent bonding
- Filtration Media: Micro Glass Fiber in latex binder paper
- Face Grids: If requested: slit and expanded aluminum
- Tolerances: Length $\pm 1/16$, width $\pm 1/16$, thickness $\pm 1/32$ (closer tolerances may be available)
- Potting: Urethane and other proprietary adhesives
- Gasketing: Neoprene and IV2

FINISHES

Chemical Film, Clear or Gold Iridite, and Clear or Black Anodize
(Available upon request for aluminum frame)

AIR FLOW & RESISTANCE

Air flow and resistance information will be determined after filter design.