

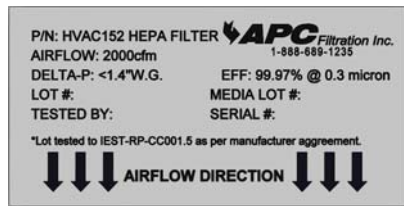
HEPA and ULPA Filters

BOX style HEPA (High Efficiency Particulate Air) and ULPA (Ultra-Low Penetration Air) filters are designed and tested for a broad range of applications to provide the highest level of air contamination control and prevention of airborne bacterial and viral organisms.

- **Asbestos Abatement**
- **Electronics**
- **Food Processing**
- **Hospitals**
- **Laboratories**
- **Pharmaceutical Processing**

Tested to Institute of Environmental Sciences & Technology standards, HEPA filters provide minimum efficiencies of 99.97% and 99.99% on 0.3 μm at rated airflow.

ULPA filters provide minimum efficiencies of 99.995% on 0.12 μm at rated airflow.



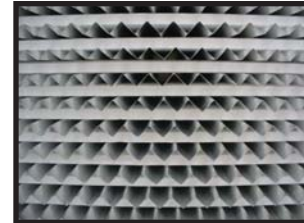
Each filter is individually tested to ensure rated filter efficiency and pressure drop at airflow is achieved. Test results are printed and affixed to each filter along with a serial number, lot number and technicians initials as a permanent record to track filter construction, materials and performance.



Bond - Filter media is completely sealed and bonded to the filter frame using UL94 V0 rated polyurethane to prevent leakage around the pleat pack. Sealant encapsulates the filter media edges preventing any possibility of air leaks.

Filter Media - Sub-micron glass fibers are processed into a high density filter media formed into rolls that are pleated to provide a high ratio of filter media area to face area to create low media velocity and pressure drop that is essential for high efficiency filtration.

Separators - Pleat spacing is maintained by corrugated aluminum separators that permit maximum usage of filter media area to provide minimum airflow resistance and low pressure drop.



Gaskets - Dovetailed closed cell neoprene gaskets are used to provide an airtight seal and prevent leakage past the filter. Standard gasket dimensions are 3/4" wide by 1/4" thick. Custom gasket sizes are also available.

Filter Frames

Wood – 11/16" particle board is typically used with butt joined edges that are glued and nailed to assure strong corner joints. Plywood is also available.

Metal - Available in galvanized and stainless steels, as well as anodized aluminum.

ISO 9001:2008



Cert. Reg. # 460430 QM08

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www.apcfilters.com