Asbestos Containment Enclosures

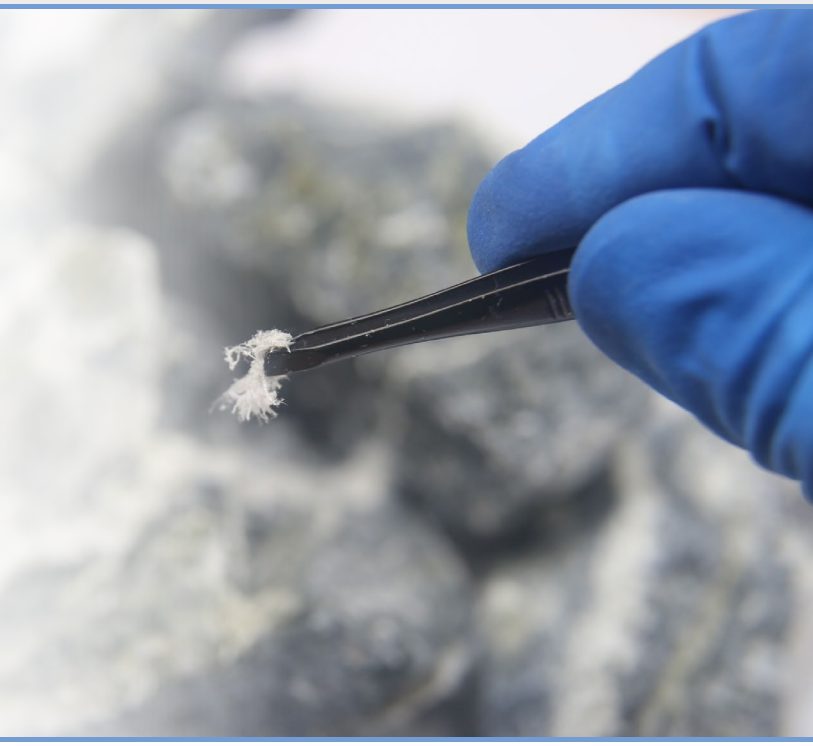
Safety in the laboratory is critical when working with asbestos. Health hazards resulting from asbestos exposure are well known, so asbestos samples must be handled with extreme caution, taking care to avoid employee exposure. HEPA filtration is necessary to contain dangerous asbestos fibers that otherwise could be released into the air when processing asbestos samples.

Air Science® offers a selection of HEPA-protected products, including basic ductless fume hoods and hazardous material storage cabinets to ensure personnel safety in your laboratory.

Learn more about our products below or **contact us** for information on addressing your specific needs.

CONTAIN ASBESTOS FIBERS WITH HEPA FILTRATION

- Asbestos encompasses a group of naturally occurring minerals resistant to heat and corrosion. It has been used in products to add strength, heat resistance and chemical resistance, from insulation and building materials to vehicle brakes and clutches. When disturbed, asbestos breaks into tiny fibers too small to be seen with the naked eye, and once released into the air, may stay suspended there for a prolonged time. When these fibers become airborne, they are primarily an inhalation hazard. They may be breathed into the lungs, potentially leading to serious health implications including lung cancer, asbestosis and mesothelioma. It may, however, take many years of exposure to result in one of these diseases.
- Protection from these asbestos fibers is vital for laboratory workers. In addition to required personal protective equipment (PPE), all asbestos identification analytical work should be conducted in a HEPA-filtered fume hood, a critical exposure prevention tool in the laboratory, which can effectively contain these fibers.
- Air Science HEPA-equipped basic ductless fume hoods and hazardous material storage cabinets employ **Multiplex™ Filtration Technology** and HEPA filtration. They are designed to maximize protection against particulates, including asbestos fibers.



Purair® BASIC

Purair® Basic Ductless Fume Hoods equipped with HEPA filtration are designed to protect the user and the environment from hazardous particles and vapors generated on the work surface.

SafeSTORE™

SafeSTORE™ Vented Chemical Storage Cabinets outfitted with HEPA filtration are ideal for sample storage, minimizing health and environmental risks associated with materials containing asbestos.

DUCTLESS FUME HOODS

Ductless fume hoods are a cost-effective method of protection that can be installed anywhere, as no ducting to the outside is required. Featuring HEPA filtration, they are engineered to provide containment for particulates such as asbestos fibers and are highly portable and easily moved to accommodate changing procedures and operations.

The Purair Basic series of ductless fume hoods equipped with HEPA filtration is designed to provide high level protection at an affordable price. Featuring Multiplex Filtration Technology, the Purair Basic creates a safe work environment over a wide range of applications. Choose from 12 standard and shallow depth models in metal or polypropylene construction, available in 24", 36" and 48" widths.

LEARN MORE

Purair BASIC

CHEMICAL STORAGE CABINETS

Hazardous materials such as asbestos samples require storage capable of containing asbestos fibers potentially released during laboratory processes. Advanced ductless technology incorporating HEPA filtration delivers a safe, high performance alternative to conventional ducted storage.

SafeSTORE Vented Chemical Storage Cabinets featuring HEPA filtration are suited for asbestos sample storage, containing particulates that may be released during asbestos identification procedures. The Air Science Multiplex Filtration System ensures personnel safety, offering a ductless, economical solution for hazardous material storage in the laboratory. SafeSTORE vented chemical storage cabinets are available in 5 standard sizes, in metal or polypropylene construction, totaling 10 standard models.

LEARN MORE

SafeSTORE

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