

## **MULTI-LAYER FOIL BAGS**







Multi-Layer Foil bags provide light and moisture protection for low molecular weight compounds such as hydrogen that are unstable when collected into standard Tedlar® bags. Use a low flow air sample pump with exhaust port.

- For Methane, CO, CO<sub>2</sub>, and other gases.
- The only gas bag material that can sample and store hydrogen sulfide.
- Collect low molecular weight compounds and inert gases not stable for Tedlar<sup>®</sup>.
- Water and vapor-proof.
- Sample stability up to 5 days.
- Available with Polypropylene Locking Combo Valve with Septum, Polypropylene Screw Cap Combo Valve with Replaceable Septum, and Stainless Steel Combo Valve with Replaceable Septum.
- Custom bags available.
- Minimal adsorption.
- Samples protected from light by opaque material.
- Protect light-sensitive compounds without the use of an outer container.
- The inside surface is inert, minimizing absorption and adsorption of compounds.
- Multi-Layer Foil bags have strong, even seals, making them ideal for mailing or shipping to a laboratory for analysis. The multi-layer material is tough, flexible, and water/vapor-proof.

## **Applications**

- Biogas and landfill gas (LFG) sampling
  - Sewage treatment plants and landfills
  - Emission control
  - Fruit warehouses
  - Fermentation cellars
- Site sampling
- Mobile surveys
- Transfer of calibration gases to instrument from lab
- Assessing exposure from leaks and spills
- Indoor air studies
- Testing of workplace air quality
  - OSHA ID-172 (Carbon Dioxide)
  - OSHA ID-210 (Carbon Monoxide)

Note: Multi-Layer Foil Bags are not suitable for collecting low ppm to high ppb VOC's due to the composition of the bag material.