

# Tedlar® & ALTEF Gas Sampling Bags

Geotech carries a full line of sterilized air sampling bags to help meet your indoor or outdoor air sampling and calibration needs. Choose from Tedlar or Altef materials now available in wide range of sizes, capacities, and fitting options.

### FEATURES

**Tedlar® Sampling Bags** are made of DuPont's Tedlar® PVF film providing a tough, durable and chemically inert material good for a wide range of compounds. Due to the manufacturing processes, Tedlar® sample bags can contain trace amounts (<1% of) of dimethylacetamide (DMAC) and phenol.

**ALTEF Sample Bags** are an economical alternative to Tedlar® bags for collection of high level volatile organic compounds (VOCs) and permanent gases. ALTEF sampling bags do not exhibit trace amounts of DMAC and phenol, but the material is not recommended for ketones, acetates, hydrogen sulfide, or permanent gases.

ALTEF gas sampling bag



Tedlar® gas sampling bags



### SPECIFICATIONS

| Film           | Thickness | Tensile Strength | Max. Operating Temp. | Specific Gravity | Oxygen Permeability      | Water Vapor Permeability   | Carbon Dioxide Permeability |
|----------------|-----------|------------------|----------------------|------------------|--------------------------|----------------------------|-----------------------------|
| <b>ALTEF</b>   | .003"     | 6100 psi         | 150°C (302°F)        | 1.78             | 58 cc/m <sup>2</sup> x d | 12-15 g/m <sup>2</sup> x d | 172 cc/m <sup>2</sup> x d   |
| <b>Tedlar®</b> | .002"     | 8000 psi         | 204°C (400°F)        | 1.70             | 50 cc/m <sup>2</sup> x d | 9-57 g/m <sup>2</sup> x d  | 172 cc/m <sup>2</sup> x d   |

#### Available Tedlar® and ALTEF Sampling Bag Volumes

| 1 liter | 2 liter   | 3 liter   | 10 liter    |
|---------|-----------|-----------|-------------|
| 7" x 7" | 10" x 10" | 12" x 12" | 14.5" x 18" |

Tedlar® is a registered trademark of E.I. du Pont de Nemours and Company.

### FITTINGS

Sampling bags come standard with Screw Cap Combo Valve with Septum.



#### Other Optional Fittings:

- Polypropylene Screw Cap Combo Valve with Replaceable Septum
- Polypropylene Locking Combo Valve with Septum
- Stainless Steel Combo Valve with Replaceable Septum
- Swagelok type stainless steel fitting for tubing or septum



Gas sampling bag used for PID calibration.



Gas sampling bag used for gas sample collection.

**CALL GEOTECH TODAY (800) 833-7958**

#### Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205  
 (303) 320-4764 • FAX (303) 322-7242  
 email: sales@geotechenv.com • website: www.geotechenv.com