

Gas Sampling Bags

Tedlar® & ALTEF Gas Sampling Bags

Fluoropolymer film was developed specially for the air sampling market. Our sampling bags meet or exceed many of the characteristics required for gas sampling.

FEATURES

- Stable for a wide variety of compounds, including VOCs, CO, CO₂ and methane.*
- Suitable for most gas sampling applications
- Abrasion resistant
- Chemically inert to most acids, aliphatic and aromatic organic compounds, chlorinated solvents, and alcohols.
- Suitable for sampling and analysis of most VOCs within 2 days, and many sulfur compounds for up to 24 hours.
- Inherently pure
- Superior storage for organics
- Minimal adsorption**
- Contains no additives, fillers or pigments
- Choice of fitting options

* ALTEF is not recommended for ketones or esters in high concentrations (>30%).

** ALTEF exhibits higher levels of absorption of hydrogen sulfide and carbonyl sulfide than Tedlar®.

BENEFITS

- Flexible and sturdy
- Will not contaminate samples
- Leak proof, heat sealed on all four sides
- No aging – unlimited storage life
- Low permeability – no sample loss

ALTEF gas sampling bag



Tedlar® gas sampling bags



Gas sampling bag used for PID calibration.



Gas sampling bag used for gas sample collection.

SPECIFICATIONS

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

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

CALL GEOTECH TODAY (800) 833-7958

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