



## ALTEF Gas Sampling Bags



ALTEF is a proprietary fluoropolymer film developed specially for the air sampling market. ALTEF meets or exceeds many of the desired characteristics of Tedlar® at a significantly lower cost.

- Low VOC and sulfur background levels.
- Similar stability properties as Tedlar® for a wide variety of compounds, including most VOCs.
- Developed as an alternative to Tedlar® film for most gas sampling applications.
- Key Features:
  - Suitable for sampling and analysis of most VOCs within 2 days, and many sulfur compounds for up to 24 hours.
  - Abrasion Resistant.
  - Chemically Inert to most acids, aliphatic and aromatic organic compounds, chlorinated solvents, and alcohols.
- Contains no additives, fillers or pigments.
- Choice of nine fitting options.
- Minimal adsorption.
- Superior storage for organics.
- Inherently pure.
- Benefits of ALTEF as compared to Tedlar®:
  - Readily available, in stock.
  - Significantly less expensive than Tedlar®.
  - Lower VOC background than Tedlar®.
  - Longer storage times for many compounds versus Tedlar® bags.
  - Unlike Tedlar®, ALTEF does not exhibit background levels of DMAC and phenol.

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

*ALTEF is not suitable for storing H<sub>2</sub>S. Our Multi-Layer Foil bags are the best choice for collecting and storing H<sub>2</sub>S.*

### Unique Properties of ALTEF compared to Tedlar®

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 <sup>2</sup> x d	12-15 g/m <sup>2</sup> x d	172 cc/m <sup>2</sup> x d
Tedlar®	.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

Tedlar® is a registered trademark of E.I DuPont

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