



## 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 to 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 VOCs and sulfur compounds for up to 2 days
  - 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
- Contains no additives, fillers or pigments
- Choice of nine fitting options
- 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%)*

### 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