



# ALTEF Gas Sampling Bags

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

- Similar properties to Tedlar for a wide variety of compounds, including VOC's, CO, CO2 and methane

- Key Features

- Abrasion resistant
- Chemically inert to most acids, aliphatic and aromatic organic compounds, chlorinated solvents and alcohols
- Suitable for sampling VOC's
- Inherently pure
- Superior storage ability for organics
- Minimal absorption
- 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

Film	Thickness	Tensile Strength	Max. Operating Temp	Specific Gravity	Oxygen Permeability	Water Vapor Permeability	Carbon Dioxide Permeability
ALTEF	.003"	6100 psi	150°C	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	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



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