

FLEXIBLE HIGH PRESSURE SAMPLE TUBING



- This unique high pressure, non-diffusive sample gas tubing is outfitted with special connection fittings. Designed with an o-ring/swage seal and requiring only finger tightening, the tubing and fittings are rated up to 6,500psig. It continues to provide a leak tight seal even after thousands of connections without causing damage to the female portion of the compression fittings, generally attached to the expensive gas analyzers.
- With conventional fittings, damage often occurs after just one reconnection simply due to the metal-to-metal swaging design, resulting in gas leaks. Even very minute leaks can wreak havoc with low level ppm oxygen measurements.
- In addition, the plastic tubing is filled with a Kevlar fiber making it virtually non-diffusive and well suited for high pressure applications. This makes for a perfect choice when performing routine calibrations for most gas analyzers, especially trace oxygen.
- Other plastic tubing such as: Teflon, Tygon, Nylon or Polyethylene diffuse oxygen generally in the range of 2ppm to 100ppm of oxygen per 15' lengths. The amount of diffusion depends on temperature, flow and pressure. Previously, low level trace oxygen measurement required stainless steel or other metallic tubing which is much too cumbersome and prone to failure for routine calibrations.
- Available for all 1/4" swage type compression fittings.
- 6,500psig. rating

