



Gas Mixtures - Shelf Life

Product Specifications & Shelf Life Statement

Gas Mixtures	Recommended Shelf Life *
Non-Reactive mixtures	48 Months
Four-Gas Mix With (Hydrogen Sulfide and/or Sulfur Dioxide)	24 Months
Ammonia (NH ₃)	24 Months
Carbonyl Sulfide (COS)	12 Months
Chlorine (Cl ₂) (34 Liter 2 PPM to 4 PPM)	3 Months
Chlorine (Cl ₂) (58 Liter 2 PPM to 4 PPM)	6 Months
Chlorine (Cl ₂) 5 PPM and higher	12 Months
Ethylene Oxide (ETO)	12 Months
Hydrogen Chloride (HCl)	12 Months
Hydrogen Cyanide (HCN)	12 Months
Hydrogen Sulfide (H ₂ S)	24 Months
Hydrogen Sulfide 1 PPM (H ₂ S)	6 Months
Nitric Oxide (NO)	12 Months
Nitrogen Dioxide (NO ₂)	12 Months
Phosphine (PH ₃)	12 Months
Silane (SiH ₄)	12 Months
Sulfur Dioxide (SO ₂)	24 Months

**The above shelf life applies to the following cylinders 17L,34L,44L,58L,66L,74L,103L,105L,116L,221L,552L, 600L,650L, Ecobump*

10L aerosol for H₂S is only for 6 months

Mixtures Tolerances: All mixtures (excluding Ethanol) as follows,

Concentration	Blend Tolerance	Analytical Tolerance
5PPM	Inquire	≤ 2%
5PPM to 1%	± 10%	≤ 2%
≥ 1%	± 5%	≤ 2%

All Ethanol mixtures:
± 5.21 ppm or ± 2% whichever is greater

Note: All gas mixtures are manufactured using scales calibrated with N.I.S.T. traceable weights.



Contact Details

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