

Shelf Life - Non-Refillable Cylinders

Product Specifications & Shelf Life Statement

Gas Mixtures	Size	Recommended Shelf Life
Non-Reactive mixtures	All Cylinders (excluding 1ALE, 1ALU and Eco-Bump)	60 Months
Hydrogen Sulphide	2AL, 8AL, 10AL, and 65ALR	24 Months
Hydrogen Sulphide at 1ppm / Nitrogen	10AL	6 Months
Sulphur Dioxide	2AL, 8AL, 10AL and 65ALR	24 Months
Ammonia	2AL, 8AL, 10AL and 65ALR	18 Months
Chlorine / Nitrogen	2AL, 8AL, 10AL and 65ALR	9 Months
Hydrogen Chloride / Nitrogen	2AL, 8AL, 10AL and 65ALR	12 Months
Ethylene Oxide	2AL, 8AL, 10AL and 65ALR	12 Months
Hydrogen Cyanide	2AL, 8AL, 10AL and 65ALR	18 Months
Nitric Oxide / Nitrogen	2AL, 8AL, 10AL and 65ALR	18 Months
Nitrogen Dioxide	2AL, 8AL, 10AL and 65ALR	3PPM or greater - 12 Months Less than 3PPM - 7 Months
Phosphine / Nitrogen	2AL, 8AL, 10AL and 65ALR	18 Months
Silane / Nitrogen	2AL, 8AL, 10AL and 65ALR	12 Months
Ethanol	2AL, 8AL, 10AL, 6D and 5ELR	36 Months
Benzene / Air	2AL, 8AL, 10AL, 6D and 5ELR	24 Months
Reactive Gas Mixtures (H2S and SO2 only)	1ALE/1ALU	3 Months
Non-Reactive Gas Mixtures	1ALE/1ALU	36 Months
Reactive Gas Mixtures (H2S and SO2 only)	Eco-Bump	12 Months
Non-Reactive Gas Mixtures	Eco-Bump	12 Months

Mixtures Tolerances: All mixtures (excluding Ethanol and Eco-Bump) as follows,
 1-4 ppm + 100% / -50% (relative)
 5-20 ppm +/- 10% (relative)
 21-50 ppm ± 5% (relative)
 51 ppm & above ± 2% (relative)

All Ethanol mixtures:
 ± 5.21 ppm or ± 2% whichever is greater
 All Eco-Bump mixtures:
 +100%/-0%
 Note: All gas mixtures are manufactured using scales calibrated with N.I.S.T. traceable weights.

The Shelf Life represents the Provided Warranty on the listed Products.



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