

Isobutane (iso-C₄H₁₀)

- Other balance gases and cylinder sizes are available upon request.
- Concentrations over 2900 ppm in Air and 1% in all other balance gases are provided at reduced pressure and volume.

Isobutane in Air			Isobutane in Helium		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
1 ppm – < 100 ppm	200	215	1 ppm – < 100 ppm	200	198
	150A	144		150A	133
	80	85		80	78
	35	33		35	31
100 ppm – 2900 ppm	200	215	100 ppm – < 1%	200	195
	150A	144		150A	131
	80	85		80	77
	35	33		35	30

Standard Valve Outlet: CGA 590
Individual Certificate of Analysis or Certificate of Batch Analysis included.

Standard Valve Outlet: CGA 350
Individual Certificate of Analysis or Certificate of Batch Analysis included.

Isobutane in Nitrogen		
Concentration	Cylinder Size	≈Contents ft ³
1 ppm – < 100 ppm	200	215
	150A	144
	80	85
	35	33
100 ppm – 1%	200	215
	150A	145
	80	85
	35	33

Standard Valve Outlet: CGA 350
Individual Certificate of Analysis or Certificate of Batch Analysis included.

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You'll find it with us—a wide range of specialty gas equipment designed especially for gas mixtures.



Pictured: Y11-N145



Pictured: Y11-244

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
C ₄ H ₁₀ in Air, or ≤ 3.8% in He or ≤ 5.5% in N ₂	2.2
All Others	2.1
U.S. DOT Label:	
C ₄ H ₁₀ in Air, or ≤ 3.8% in He or ≤ 5.5% in N ₂	Nonflammable Gas
All Others	Flammable Gas
ID Number:	
C ₄ H ₁₀ in Air, or ≤ 3.8% in He or ≤ 5.5% in N ₂	UN1956
All Others	UN1954

Equipment Recommendations are found on page 36

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.