

n-Butane (C₂H₁₀)

- Other balance gases and cylinder sizes are available up on request.
- Concentrations over 2750 ppm in air and 1% in all other gases are provided at reduced pressure and volume.

n-Butane in Air			n-Butane in Helium		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
1 ppm – <100 ppm	200	218	1 ppm – <100 ppm	200	196
	150A	146		150A	132
	80	86		80	77
	35	34		35	30
100 ppm – <1000 ppm	200	218	100 ppm – <1000 ppm	200	196
	150A	146		150A	132
	80	86		80	77
	35	34		35	30
1000 ppm – 2750 ppm	200	218	0.1% – 3.5%	200	196
	150A	146		80	77
	50	86		35	30
	35	34			

Not available in Air over 1.2%
 Primary Standards available in all concentrations
 Standard Valve Outlet: CGA 590
 Individual Certificate of Analysis or Certificate of Batch Analysis included.

Primary Standards available in all concentrations
 Standard Valve Outlet: CGA 350
 Individual Certificate of Analysis or Certificate of Batch Analysis included.

n-Butane in Nitrogen		
Concentration	Cylinder Size	≈Contents ft ³
1 ppm – <100 ppm	200	215
	150A	144
	80	85
	35	33
100 ppm – <1000 ppm	200	216
	150A	145
	80	85
	35	34
0.1% – 3.5%	200	216
	80	85
	35	34

Primary Standards available in all concentrations
 Standard Valve Outlet: CGA 350
 Individual Certificate of Analysis or Certificate of Batch Analysis included.

Rely on Airgas for all your specialty gas equipment needs, including regulators for gas mixtures.



Pictured: Y11-244

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
n-C ₄ H ₁₀ in Air, or ≤ 3.82% in He or ≤ 5.6% in N ₂	2.2
All Others	2.1
U.S. DOT Label:	
n-C ₄ H ₁₀ in Air, or ≤ 3.82% in He or ≤ 5.6% in N ₂	Nonflammable Gas
All Others	Flammable Gas
ID Number:	
n-C ₄ H ₁₀ in Air, or ≤ 3.82% in He or ≤ 5.6% in N ₂	UN1956
All Others	UN1954

Equipment Recommendations are found on page 34