

Oxygen O₂

O₂ in Nitrogen CGA varies with O₂ concentration*

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Pressure Regulator Series	Page
Primary	100 - 999 ppm	KAL	140	2000	Two-stage	Model 600	122
	0.1 - 50%	K	208	2000	Single-stage	Model 600	121
Certified	1 - 49 ppm	KAL	140	2000	Two-stage	Model 600	122
		GAL	28	2000	Single-stage	Model 600	121
	50 - 999 ppm	KAL	140	2000			
		GAL	32	2000			
	0.1 - 50%	K	208	2000			
		Q	76	2000			
Unanalyzed	0.1 - 50%	K	208	2000	Two-stage	Model 600	122
		Q	76	2000	Single-stage	Model 600	121
		G	28	2000			

*O₂ concentration: ≤ 5% requires CGA 580, > 5% - 23% requires CGA 590, > 23% requires CGA 296.

Shipping Data (Must list two components in parentheses in association with the DOT name.)

Major Component:	Argon or Helium	Nitrogen	Note:
DOT Name	Rare Gases and Oxygen Mixtures	Compressed Gas, N.O.S.	> 23.5% O ₂
Hazard Class	2.2	2.2	Compressed Gas, Oxidizing, N.O.S.
I.D. No.	UN 1980	UN 1956	2.2
DOT Label	Nonflammable Gas	Nonflammable Gas	UN 3156 Nonflammable Gas and Oxidizers

Mixed Gases



The Beacon Gas Detector can be used as a room oxygen monitor. See page 197-199 for more details.