



## Molecular Laser Gas Mixtures

### 4-16% Carbon Dioxide – 10-20% Nitrogen – Balance Helium

#### Shipping Information

UN Number: UN 1956  
 DOT Proper Shipping Name: Compressed Gas, nos  
 (List of Components)  
 DOT Classification: 2.2 (Nonflammable Gas)  
 DOT Label: NON-FLAMMABLE GAS  
 TC Shipping Name: Compressed Gas, nos  
 (List of Components)  
 TC Classification: 2.2  
 TC Label: NON-FLAMMABLE GAS,  
 NON-POISONOUS GAS

#### Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
1A	580	2,000	13,790	132	60
2	580	2,000	13,790	83	38
3	580	2,000	13,790	40	18

Gas Mixture Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
<b>4-16% Carbon Dioxide*</b>	G0876101	1A	202 ft <sup>3</sup>	5.72 m <sup>3</sup>	Two Stage Reg.	1250-580	296
<b>10-20% Nitrogen</b>	G0876140	2	79 ft <sup>3</sup>	2.24 m <sup>3</sup>	Single Stage Reg.	Series 3530-580	313
<b>Balance Helium</b>	G0876150	3	34 ft <sup>3</sup>	0.96 m <sup>3</sup>	Plug Wrench	TW-4	430
					Cross Purge Assembly	4774-580	422

\*Available Grades: Primary, Certified Plus, Certified. Specify Grade.

### 2% Carbon Monoxide – 8% Carbon Dioxide, 8% Nitrogen – Balance Helium

#### Shipping Information

UN Number: UN 1956  
 DOT Proper Shipping Name: Compressed Gas, nos  
 (List of Components)  
 DOT Classification: 2.2 (Nonflammable Gas)  
 DOT Label: NON-FLAMMABLE GAS  
 TC Shipping Name: Compressed Gas, nos  
 (List of Components)  
 TC Classification: 2.2  
 TC Label: NON-FLAMMABLE GAS,  
 NON-POISONOUS GAS

#### Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
1A	350	1,650	11,376	132	60
2	350	1,650	11,376	83	38
3	350	1,650	11,376	40	18

Gas Mixture Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
<b>2% Carbon Monoxide*</b>	G0850901	1A	202 ft <sup>3</sup>	5.72 m <sup>3</sup>	Two Stage Reg.	1250-580	296
<b>8% Carbon Dioxide</b>	G0850940	2	79 ft <sup>3</sup>	2.24 m <sup>3</sup>	Single Stage Reg.	Series 3530-580	313
<b>8% Nitrogen</b>	G0850950	3	34 ft <sup>3</sup>	0.96 m <sup>3</sup>	Plug Wrench	TW-4	430
<b>Balance Helium</b>					Cross Purge Assembly	4774-350	422

\*Available Grades: Primary, Certified Plus, Certified. Specify Grade.

⚠ WARNING: This product can expose you to chemicals including Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Neon Mixtures

#### Shipping Information

UN Number: UN 1956  
 DOT Proper Shipping Name: Compressed Gas, nos (Helium, Neon)  
 DOT Classification: 2.2 (Nonflammable Gas)  
 DOT Label: NON-FLAMMABLE GAS  
 TC Shipping Name: Compressed Gas, nos (Helium, Neon)  
 TC Classification: 2.2  
 TC Label: NON-FLAMMABLE GAS,  
 NON-POISONOUS GAS

#### Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
7A	580	825	5,688	6	3
7B	580	1,625	11,204	6	3

Gas Mixture Specification	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
		US	Metric			
<b>8.0-20.0% Neon in Helium*</b>	7B	1.77 m <sup>3</sup>	50 L	Two Stage Reg.	1250-580	296
	7A	0.88 m <sup>3</sup>	25 L	Single Stage Reg.	Series 3530-580	313
				Plug Wrench	TW-4	430
				Cross Purge Assembly	4774-580	422

\*Available Grades: Primary, Certified Plus, Certified. Specify Grade.