

Neon (Ne)

A colorless, odorless, inert gas.

Purity Specifications	Minimum Purity	O ₂	H ₂ O	THC	CO	CO ₂	Ar	N ₂	He
Research	99.999%	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 1	< 2	< 8
Ultra High Purity (UHP)	99.996%	< 2	< 2	< 0.5	< 0.5	< 0.5	< 1	< 10	< 30

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents liters	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Research	300	7,600	580	NE R300LT	2,400	Two-Stage Regulators Y12-N145 * 580 Y12-244 * 580 Single-Stage Regulators Y11-N145 * 580 Y11-244 * 580	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E14 E11
	200	6,000	580	NE R200LT	2,200			
	80	2,000	580	NE R80LT	1,700			
	9A	100	580	NE R9ALT	750			
	LB	50	180	NE RLB50LT	1,700			
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							
Ultra High Purity (UHP)	300	7,600	580	NE UHP300LT	2,400			
	200	6,000	580	NE UHP200LT	2,200			
	80	2,000	580	NE UHP80LT	1,700			
	9A	100	580	NE UHP9ALT	750			
	LB	50	580	NE UHPLB50LT	1,700			
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							

* Insert Delivery Pressure Range Code

Technical Data & Shipping Information	
Molecular Weight	20.18
Specific Volume	19.2 cf/lb @70° F
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Neon, Compressed
ID Number	UN 1065
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	7440-01-9

Nitric Oxide (NO)

A colorless, corrosive, poisonous, oxidizing gas.

Purity Specifications	Minimum Purity
Chemically Pure (CP)	99.5%

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents ft ³	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Chemically Pure (CP)	200	53	660	NC CP200	500	Two-Stage Regulator Y12-C445 * 660 Single-Stage Regulator Y11-C444 * 660 Cross Purge Y99-CPA4 * 660	A = 0-25 B = 0-50 D = 0-100	E29 E28 E46
	35	8	660	NC CP35	500			
	Certificate of Conformance provided upon request.							

* Insert Delivery Pressure Range Code

Technical Data & Shipping Information	
Molecular Weight	30.01
Specific Volume	12.9 cf/lb @70° F
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Nitric Oxide, Compressed
ID Number	UN 1660
U.S. DOT Hazard Class	2.3, 5.1, 8
U.S. DOT Label	Inhalation Hazard, Oxidizer, Corrosive
CAS Registry	7727-37-9