

Neon

Ne

Grade	ULSI 5N5
Purity, %	99.9995
Oxygen	≤0.5 ppmv
Nitrogen	≤1.0 ppmv
Carbon Dioxide	≤0.1 ppmv
Carbon Monoxide	≤0.1 ppmv
Methane (THC)	≤0.1 ppmv
Water	≤1.0 ppmv
Argon	≤1.0 ppmv

- A lot analysis is provided for each order. – Individual analysis is also available upon request.
- Pneumatic valves and JIS connections are available upon request.

CYLINDER	Internal Volume	Liters	43.8
	Cylinder Sizes >>		QF/QA/QB
	Content	Liters	5,000
		ft ³	177
	Cylinder Pressure*	psig	1,900
atm		134.6	

* @ NTP

SHIP	DOT Shipping Name	Neon, Compressed	Shipped as Compressed Gas
	DOT Classification	2.2 (Non-Flammable Gas)	
	DOT Label	NON-FLAMMABLE GAS	
	UN Number	UN 1065	

TECHNICAL DATA	Specific Volume	1.21 m ³ /kg
	@NTP	19.4 ft ³ /lb
	CAS No	7440-01-9
	CGA/DISS/JIS	580/718/22-14R
	Atomic Weight	20.18 g/mol

Critical Temperature	-228.7°C	-379.7°F
Critical Pressure	27 atm	385 psia

NTP = 21°C or 70°F and 101.3 kPa or 1 atm

Cylinder	Treatment	Nominal Diameter (OD)xHeight*		Material of Construction	
		cm	Inches	Cylinder	Valve
QF	ULTRA-LINE®	23x130/134/143	9x51/52.5/56	CS	SS
QA	ULTRA-LINE®	23x130/134/143	9x51/52.5/56	CS	Brass
QB	ULTRA-LINE II®	23x130/134/143	9x51/52.5/56	CS	SS

*Height is reported as the distance from the bottom of the cylinder to the cylinder neck/ center of the valve outlet/ top of the handwheel
CS: Carbon Steel SS: Stainless Steel

⚠ 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.

