

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



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