

Xenon

Xe

Grade	Semicon 5N
Purity, %	99.999
Oxygen	≤1.0 ppmv
Nitrogen	≤3.0 ppmv
Carbon Dioxide	≤0.1 ppmv
Carbon Monoxide	≤0.1 ppmv
Methane	≤0.1 ppmv
Water	≤2.0 ppmv
Argon	≤1.0 ppmv
Krypton	≤2.0 ppmv
Helium	≤1.0 ppmv
Hydrogen	≤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	7.3	2.3
	Cylinder Sizes >>		QF/QA/QB	UF	JF
	Content	Liters	5,000	500	250
		ft ³	177	17.5	8.83
	Cylinder Pressure*	psig	varies		
atm		varies			

* Maximum Cylinder Pressure @ NTP

SHIP	DOT Shipping Name	Xenon, Compressed	UN Number	UN 2036	Shipped as
	DOT Classification	2.2 (Non-Flammable Gas)	ECCN #	EAR99	Compressed Gas
	DOT Label	NON-FLAMMABLE GAS	Harmonized #	2804.29.0050	

TECHNICAL DATA	Specific Volume @NTP	0.183 m ³ /kg 2.93 ft ³ /lb
	CAS No	7440-63-3
	CGA/DISS/JIS	580/718/22-14R
	Atomic Weight	131.30 g/mol

Critical Temperature	16.6°C	61.9°F
Critical Pressure	59.5 atm	847 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
UF	ULTRA-LINE®	15x51/55/64	6x19/20.5/24	CS	SS
JF	ULTRA-LINE®	10x33/37/46	4x13/14.5/18	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.

