

Transportation Information

UN Number: 2036



Shipping Name	Xenon	Xenon, Compressed	Xenon
Hazard Class	2.2	2.2	2.2
Label	Nonflammable Gas	Nonflammable Gas	Nonflammable Gas

(M)SDS Reference

P-4677

CAS Number

7440 - 63 - 3

General Description

Colorless, odorless, nonflammable, inert gas.

Product/Grade	Purity	Part Number	Cylinder	O ₂	H ₂ O	N ₂	THC	CO ₂	Kr + Ar + H ₂	CF ₄	Ar	CO	H ₂	Kr
Aerospace Grade, 5.5	99.9995%	XE 5.5	K, Q	0.1	0.1	1	0.1	0.2	-	0.1	1	0.2	2	2
Research, 5.0	99.999%	XE 5.0RS	K, Q, D4, D8, ELB	1	2	5	1	1	5	-	-	-	-	-

Concentrations given are ppm by volume unless otherwise specified. Maximum ppm unless otherwise noted.

Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA	Pressure psig (bar)	Volume ltr	Gross Weight lb (kg)
K (10K)	High Pressure Steel	51 x 9 (129.5 x 22.9)	580	970 (67)	10000	252 (114)
K (5K)	High Pressure Steel	51 x 9 (129.5 x 22.9)	580	836 (58)	5000	195 (90)
Q	High Pressure Steel	31 x 7 (78.7 x 17.8)	580	655 (45)	1000	77 (35)
D4	Non-Refillable Steel	13 x 4.25 (33.02 x 10.8)	580	858 (59)	300	10 (5)
D8	Non-Refillable Steel	7.75 x 4.25 (19.69 x 10.8)	580	801 (55)	100	6 (2.7)
ELB 50	Non-Refillable Steel	14.25 x 2 (36.20 x 5.08)	580	796 (55)	50	6 (2.7)
ELB 25	Non-Refillable Steel	14.25 x 2 (36.20 x 5.08)	580	535 (36)	25	5 (2.3)

Equipment Recommendations

Aerospace Grade, 5.5	3000 series regulators
Research, 5.0	3000 series regulators



3012 Series – High Purity Regulators for Non-Corrosive Service
(see page E•250)



See Section D for additional information regarding Praxair's laser gas products (pages D•219 - D•226).

Praxair, the leader in rare gas production and application technology.