

Transportation Information



UN Number: 1072

Shipping Name	Oxygen, Compressed	Oxygen, Compressed	Oxygen, Compressed
Hazard Class	2.2 (5.1)	2.2 (5.1)	2.2
Label	Nonflammable Gas, Oxidizer	Nonflammable Gas, Oxidizer	Nonflammable Gas, Oxidizer

(M)SDS Reference

P-4638

CAS Number

7782 - 44 - 7

General Description

Colorless, odorless, highly oxidizing gas.

Product/Grade	Purity	Part Number	Cylinder	H ₂ O	N ₂	THC	CO	CO ₂	Ar	Kr	N ₂ O
Research, 5.0	99.999%	OX 5.0RS	T, K	1	5	0.5	1	1	5	1	-
Semiconductor, 5.0	99.999%	OX 5.0SP	T, K	1	5	0.5	1	1	5	3	-
Ultra High Purity Plus, 4.5	99.995%	OX 4.5UP	T, K	1	10	1	-	-	15	-	-
Ultra High Purity, 4.3	99.993%	OX 4.3UH	T, K, Q	3	10	1	-	-	40	-	-
Hydrocarbon Free, 4.0	99.99%	OX 4.0HC	T, K	-	-	0.1	-	1	-	-	-
Semiconductor, 4.0	99.99%	OX 4.0MO	T, K	3	50	1	1	1	30	-	2
Zero, 2.6	99.6%	OX 2.6Z	T, K	3	-	0.5	-	-	-	-	-
Extra Dry, 2.6	99.6%	OX 2.6	T, K	10	-	-	-	-	-	-	-

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 ft ³ (m ³)	Gross Weight lb (kg)
T	High Pressure Steel	55 x 9.3 (139.7 x 23.5)	540	2640 (183)	337 (9.35)	165 (75)
K	High Pressure Steel	51 x 9 (129.5 x 22.9)	540	2200 (154)	249 (6.90)	149 (68)
Q	High Pressure Steel	31 x 7 (78.7 x 17.8)	540	2200 (154)	83 (2.3)	70 (31.8)

Equipment Recommendations



3013 Series – High Purity Regulator for Oxygen Service (see page E•269)



See page B•86 for cryogenic liquid oxygen.

See Section D, Medical Gases for Oxygen – U.S.P. Grade (page D•234).

Bulk quantities available upon request.

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