



Oxygen

A colorless, odorless, tasteless, highly oxidizing gas

TECHNICAL INFORMATION

Chemical Symbol	O ₂
Molecular Weight	32.00
Specific Volume	12.1 ft ³ /lb (0.76 m ³ /kg)
CAS Registry Number	7782-44-7

SHIPPING INFORMATION

DOT Proper Name	Oxygen, Compressed
Hazard Class	2.2
ID Number	UN 1072
Labels	Nonflammable Gas, Oxidizer

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
300	337	2640	540
200	249	2200	540
80	83	2200	540

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
5.0 (Research)	99.999%	Argon Moisture Nitrogen Total Hydrocarbons CO/CO ₂	<5ppm <2ppm <5ppm <1ppm <1ppm	3201
4.3 (Ultra High Purity)	99.993%	Argon Moisture Nitrogen Total Hydrocarbons	<40ppm <3ppm <10ppm <0.5ppm	3101-3201
Zero 2.8	99.8%	Total Hydrocarbons	<0.5ppm	3101-3201
Extra Dry 2.6	99.6%	Moisture	<10ppm	3101-3201

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards. Please refer to the SDS for details.

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