



Pure Gas

OXYGEN

colorless, odorless, highly oxidizing

Technical Information

Chemical Symbol	O ₂
Specific Volume	12.076 scf/lb
CAS Number	7782-44-7
Molecular Weight	31.999 g/mol
Boiling Point	-297.36 °F

Shipping Information

US DOT Name	Oxygen, compressed
Hazard Class	2.2 (5.1)
Label	Non-Flammable Gas, Oxidizer
I.D. Number	UN 1072

Grade	Oxygen 5.0
Part Number	OX X-5.0
Impurities	Argon < 5 ppm Nitrogen < 5 ppm Moisture < 1 ppm Total Hydrocarbons < 0.5 ppm Carbon Monoxide < 1 ppm Carbon Dioxide < 1 ppm

*X represents cylinder size

Grade	Oxygen 4.3
Part Number	OX X-4.3
Impurities	Argon < 40 ppm Nitrogen < 10 ppm Moisture < 3 ppm Total Hydrocarbons < 0.5 ppm

*X represents cylinder size

Grade	Oxygen 2.8
Part Number	OX X-2.8
Impurities	Moisture < 3 ppm Total Hydrocarbons < 0.5 ppm

*X represents cylinder size

Grade	Oxygen 2.6
Part Number	OX X-2.6
Impurities	Moisture < 8 ppm

*X represents cylinder size

Standard Cylinder Size	Contents (ft ³)*	Pressure (psig)	CGA Connection
T	300	2400	540
K	200	2015	540
Q	80	2015	540

*Approximate Contents Listed

