



OXYGEN O₂

CRYOGENIC LIQUID

Light blue, odorless, highly oxidizing cryogenic liquid.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Oxygen, Refrigerated Liquid
 I.D. Number: UN1073
 Hazard Class: 2.2 (5.1)
 Shipping Labels: Nonflammable Gas, Oxidizer

TECHNICAL INFORMATION

Molecular Weight: 31.999
 Specific Volume: 12.1 ft³/lb.
 CAS Registry: 7782-44-7 @
 Safety Data Sheet Reference: Liquid Oxygen

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by volume (unless otherwise specified) ²						
					H2O	THC (as CH ₄)	CO	CO ₂	Ar	N ₂	Kr
Ultra High Purity	4.3	99.993%	UHP	SG OXUHP-	2	0.5	1	1	35	15	
High Purity	2.8	99.8%	HP	SG OXHP-	5	50	1	10		100	

Notes:
¹ Complete the catalog number by selecting cylinder size code using chart below.
² Specifications are typical results and are subject to change without notice.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume ³ ft ³	Pressure ⁴ (PSIG)	Valve Connection CGA	Gross Weight (lbs.)
Cryogenic Liquid Containers					
230 liter	230	6244	22 / 230	DUAL 540 & 440	866
180 liter	180	5096	22 / 230	DUAL 540 & 440	701
160 liter	160	4577	22 / 230	DUAL 540 & 440	640

Notes:
³ This product is sold by the cylinder. Fill volumes will vary depending on pressure setting and may vary slightly depending on the cylinder manufacturer's specifications. Volumes noted are based on 230psig safety.
⁴ Choose pressure setting. 22 psig is for liquid phase and 230 is for gas phase.

Also available in other packaging and features such as:

- Micro Bulk
- Bulk
- Telemetry service

Contact your WestAir representative about equipment recommendations for this product.