

Oxygen U.S.P. Cryogenic Liquid

Odorless, highly oxidizing, light blue cryogenic liquid

Cryogenic Containers

70 in.						
60 in.						
50 in.						
40 in.						
30 in.						
20 in.						
10 in.						
0 in.						
Container Size	HP-180 (GP-55)	HP-160 (GP-55)	LS-160	CD-170	LS-180	XL-230/240
Size	471	471	471	471	471	472
Code	271/274	271/274	271	271	271	272

Major Hazards: Fire and Cryogenic Burns
 Toxicity: Nontoxic
 Fire Potential: Highly Oxidizing
 Boiling Point (°F): -297.4
 Molecular Weight: 32.00
 Specific Gravity: 1.14
 Critical Temperature (°F): -181.5
 Critical Pressure (psia): 731.4
 Specific Volume (cf/lb): 12.1
 UN No.: 1073
DOT Designation
 Name: Oxygen, Refrigerated Liquid
 Label: Yellow Oxidizer
 Hazard Classification: 2.2

PURITY SPECIFICATIONS

Purity : Oxygen ≥ 99.0%
 Odor: None

MSDS

CO₂ ≤ 300ppm
 CO ≤ 10ppm
 P-4637

CYLINDER SPECIFICATIONS

Ordering Number	Cylinder Size	Nominal Contents	Pressure (psig) @ 70°F	CGA Connection	Equipment Recommendations	
					Regulator	
OX MLC160-230	160 L	4580 cu ft	230	GAS 540 / LIQUID 440	WESM1-540-P	WESM1-540-PG
OX MLC160-22	160 L	4580 cu ft	22	GAS 540 / LIQUID 440	N/A	
OX MLC180-230	180 L	4640 cu ft	230	GAS 540 / LIQUID 440	WESM1-540-P	WESM1-540-PG
OX MLC180-22	180 L	4640 cu ft	22	GAS 540 / LIQUID 440	N/A	
OX ML230-230	230 L	5930 cu ft	230	GAS 540 / LIQUID 440	WESM1-540-P	WESM1-540-PG
OX ML230-22	230 L	5930 cu ft	22	GAS 540 / LIQUID 440	N/A	

Color Code :

Shoulder Color: N /A

Body Color : N /A

Medical Applications

Used in first-aid treatment of emergencies such as suffocation and heart attacks; in the treatment of patients with respiratory disorders; in anesthesia; in hyperbaric oxygen chambers for the treatment of carbon monoxide poisoning and gas gangrene, and for other specialized oxygen therapies