

Liquid Oxygen LOX

Technical Data		Safety Data	Shipping Data	
Boiling Point	- 297.3° F	Liquid or cold gas Oxygen can cause frostbite-type burns. Protect eyes and skin from exposure to these low temperature materials. Wear protective goggles, gloves and clothing where cold liquid might be spilled. Caution: <i>Pressure buildup due to liquid vaporization.</i> One volume of Liquid Oxygen at its boiling point and atmospheric pressure will vaporize into approximately 860 volumes of gaseous Oxygen at 70° F at one atmosphere.	DOT Name	Oxygen Refrigerated Liquid
Triple Point Temp.	- 361.8° F		Hazard Class	2.2
Liquid Density	9.527 lb/gal		ID No.	UN1073
Conversion	115.1 SCF/gal		DOT Label	Nonflammable Gas and Oxidizer
Liquid to Gas			Liquid Cylinder Data	
				200 450
			Diameter	20" 30"
			Height	65.8" 61.3"
			Tare weight	375 lbs. 1265 lbs.*
			* Weights are approximate and vary with pallet design.	

High Pressure/High Flow

Specifications: LaserPro™ for Laser Applications.

Product Code	Cylinder Size	Contents liquid liters/ gas cu. ft.	Relief Valve Setting psig	Gas Flow cfh	Valve Outlet CGA	Recommended Pressure Regulator		
						Type	Model	Page
189	Laser-Cyl 200	200/4770	500	350	540	High Flow	623	122
187	Laser-Cyl 450	428/10,519	500	575	540			

Liquid Oxygen Micro Bulk and Bulk

LINWELD offers Micro Bulk and Bulk liquefied oxygen available in a variety of liquid vessel configurations. Contact your local LINWELD representative for detailed information specific to your needs.



LINWELD's Coyote Air Separation Production Plant, located on the LINWELD Campus, Waverly, NE.