



O₂

Oxygen / Pure Oxygen / Laser Oxygen

Inert and active monogas used as a process gas and / or shielding gas for cutting, welding and generally in many industrial applications. The different degrees of purity and the variety of supply conditions allow to identify the most suitable product, depending on the material, on the process, on the method and on the required quality.



Physical state

Compressed gas in cylinders or bundles at 200 bar, 15 °C

Property

Colorless and odorless gas, strongly oxidizing. It supports combustion.

Safety informations

May cause or intensify fire; oxidising. It contains gas under pressure; may explode if heated

Environmental impact

Do not drain where the accumulation can be dangerous. It can be vented to atmosphere in a well ventilated area.

Reference Standards

Gas: EN ISO 14175
Valve: UNI 11144

Applications

		COMFORT LINE			PREMIUM LINE		
		≥ 99,5			≥ 99,5		
		Oxygen			Pure Oxygen		
		Laser Oxygen					
Oxyfuel processes	OXYFUEL CUTTING	•	•	•			
	BRAZING	•	•	•			
Gas Metal Arc Welding	SOLID WIRE						
	CORED WIRE						
Gas Tungsten Arc Welding	GTAW						
	BACK SHIELDING						
Plasma Arc Welding	PLASMA GAS						
	SHIELDING GAS						
Plasma Arc Cutting	PLASMA GAS						
	SHIELDING GAS	•	•	•			
Laser welding	LASER GAS						
	SHIELDING GAS						
Laser cutting	LASER GAS						
	SHIELDING GAS	•	•	•			

Cylinder specifications

Ogive
White RAL 9010

Body
Gray RAL 7015

Valve
I Group I

Outlet connection
W 21,7 x 1/14" m rh

Label
Oxidizing gas



Proper shipping name

COMPRESSED OXYGEN
UN-No. 1072
Classe 2.2 (5.1)
ADR/RID 1 O



**Safety
datasheet**

www.sol.it/it/safety-datasheets



A complete line of technical gases for the best performances
in welding and cutting



COMFORT LINE

PREMIUM LINE

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Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Oxygen	Cylinder	mc	200	ISO 14175 – 01	00001
Oxygen	Bundle	mc	200	ISO 14175 – 01	00051
Oxygen	Tube trailer	mc	200	ISO 14175 – 01	00052
Pure Oxygen	Cylinder	mc	200	ISO 14175 – 01	00355
Pure Oxygen	Bundle	mc	200	ISO 14175 – 01	00356
Laser Oxygen	Cylinder	mc	200	ISO 14175 – 01	00350
Laser Oxygen	Bundle	mc	200	ISO 14175 – 01	00351

SOL technical gases production for cutting and welding in METAL FABRICATION



SOL has always been dedicated to its customers needs, making a continuous field test in order to offer a wide range of gases and gas mixtures, suitable for all needs and all applications.

To satisfy its customers, SOL endorses their needs, our products are aimed at improving the quality of welding and cutting, reducing process costs and ensuring an optimal working environment for professionals that are involved in the process.

The branches of the Group, together with the network of wholesalers and distributors ensures a dense territorial coverage, able to provide products and services wherever the customers may need it, ensuring the highest competence and professionalism of specialized operators.

The Enermix line of gases and gas mixtures dedicated to METAL FABRICATION, is formulated for the main technological applications for cutting and welding.

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