



He

Helium

PREMIUM LINE

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 or 300 bar, 15 °C

Property

Colorless and odorless, inert gas.

Safety informations

Contains gas under pressure, may explode if heated.

Store in a well-ventilated place.

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

		PREMIUM LINE
		≥ 99,9
		Helium
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
Brown RAL 8008

Body
Beige RAL 1001

Valve
VIII Group

Outlet connection
W 24,51 x 1/14" female rh

Label
Inert gases



Proper shipping name

COMPRESSED HELIUM
UN-No. 1046
ADR Class 2.2
ADR/RID 2 A



**Safety
datasheet**

www.sol.it/it/safety-datasheets



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



PREMIUM LINE

Helium

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Helium	Cylinder	mc	200	ISO 14175 – 12	01138
Helium	Bundle	mc	200	ISO 14175 – 12	01139
Helium	Tube trailer	mc	200	ISO 14175 – 12	01140

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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SOLGROUP
a breath of life