



# FuelSOL

PREMIUM LINE

## Hydrogen

Monogas and fuel gas mixtures for all cutting and OXY-GAS brazing applications.

The gases of FuelSOL line are suitable for preheating, postheating, flame straightening or flame hardening uses.

The wide range of fuels combined with the rich variety of supply methods allow to satisfy the most demanding customers.



### Physical state

Compressed gas in cylinders, bundles, tube trailers, and mobile trailers at 200 bar, 15 °C.

### Property

Colorless and odorless gas. Flammable. It can form explosive mixtures with air. Characterized by a not always positive Joule-Thompson coefficient, which can cause self-ignition in the event of violent expansion into the air.

### Safety informations

highly flammable gas. It contains gas under pressure; It may explode if heated. It can also explode in the absence of air.

### Environmental impact

Do not drain where the accumulation can be dangerous. Do not discharge into areas where there is a risk of forming an explosive mixture with air. The gas should be disposed of in a suitable burner with anti-flashback device.

### Reference Standards

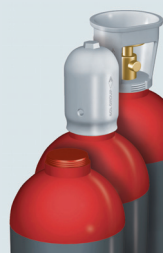
Valve: UNI 11144

### Applications

		PREMIUM LINE
		≥ 99,95%
		Hydrogen
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

<b>Ogive</b>	Red RAL 3000
<b>Body</b>	Gray RAL 7015
<b>Valve</b>	I Group
<b>Outlet connection</b>	W 20 x 1/14" m lh
<b>Label</b>	Flammable gases



### Proper shipping name

COMPRESSED HYDROGEN	
UN-No.	1049
ADR Class 2.1	
ADR/RID 1 F	



**Safety  
datasheet**

[www.sol.it/it/safety-datasheets](http://www.sol.it/it/safety-datasheets)



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



PREMIUM LINE

## Hydrogen

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Hydrogen	Cylinder	mc	200	N/A	00006
Hydrogen	Bundle	mc	200	N/A	00070
Hydrogen	Mobile trailer	mc	200	N/A	00113
Hydrogen	Tube trailer	mc	200	N/A	00071

### 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.

#### Sol spa

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**SOLGROUP**  
a breath of life