



# Enermix NitrohElium

PREMIUM LINE



Gas mixture specially designed for GTAW of duplex and superduplex steels. Moreover, it guarantees optimum performance on high-alloyed steels with a low content of ferrite, particularly used in the chemical industry.

Thanks to the contribution of helium, the NitrohElium mixtures are particularly suitable for automated applications, ensuring high welding speeds.



## Physical state

Compressed gases mixture in cylinders or bundles at 200 bar, 15 °C.

## Property

Colorless, odorless, non-flammable gas.

## Safety informations

Contains gas under pressure, may explode if heated.  
Store in a well-ventilated place.

## Environmental impact

Prevent from entering sewers, basements, excavations and areas where accumulation can be dangerous.

## Reference Standards

Gas: EN ISO 14175  
Valve: UNI 11144

## Applications

		NE230	NE310
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		

## Cylinder specifications

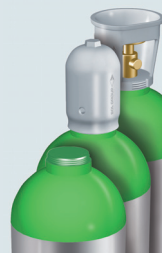
**Ogive**  
Bright Green RAL 6018

**Body**  
Aluminum RAL 9006

**Valve**  
VIII Group

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

**Label**  
Inert gases



## Proper shipping name

COMPRESSED GAS N.O.S. (Argon, Carbon dioxide)  
UN-No. 1956  
ADR Class 2.2  
ADR/RID 1 A



**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

## Enermix NitroHelium

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Enermix NE310	Cylinder	mc	200	ISO 14175 – N2	00686
Enermix NE230	Cylinder	mc	200	ISO 14175 – N2	00688

### 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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