



# Enermix High-Speed

PREMIUM LINE

CO <sub>2</sub>	O <sub>2</sub>	N <sub>2</sub>	He	H <sub>2</sub>	Ar
•			•		•

Shielding gas mixture for High-speed automatic GMAW of stainless steels with high corrosion resistance, preferably on average thickness sheets. Features:

- also suitable for pulsed arc welding;
- suitable for welding with solid wire and flux cored wires;
- good arc stability;
- high welding speeds;
- excellent bead and absence of spatter.



## Physical state

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

## Property

Colorless gas with a slightly pungent odor, non-flammable.

## 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

		HSa	HSb	HSc	HSe
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

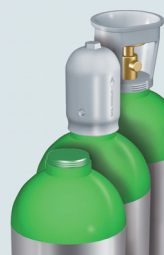
**Ogive**  
Bright Green RAL 6018

**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 High-Speed

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Enermix HSa	Cylinder	mc	200	ISO 14175 – M12	00650
Enermix HSa	Bundle	mc	200	ISO 14175 – M12	00651
Enermix HSb	Cylinder	mc	200	ISO 14175 – M12	00652
Enermix HSc	Cylinder	mc	200	ISO 14175 – M12	00657
Enermix HSc	Cylinder	mc	200	ISO 14175 – M12	00658
Enermix HSe	Cylinder	mc	200	ISO 14175 – M21	00618

### 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



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PREMIUM LINE



Shielding gas mixture for High-speed automatic GMAW of stainless steels with high corrosion resistance, preferably on average thickness sheets. Features:

- also suitable for pulsed arc welding;
- suitable for welding with solid wire and flux cored wires;
- good arc stability;
- high welding speeds;
- excellent bead and absence of spatter.



## Physical state

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

## Property

Colorless, odorless and flammable gas.

## Safety informations

Highly flammable gas. It may explode when heated.  
Keep away from heat sources, sparks, flames, heated surfaces. Store in a well-ventilated place.

## Environmental impact

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

## Reference Standards

Gas: EN ISO 14175  
Valve: UNI 11144

## Applications

		HSh
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

<b>Ogive</b> Red RAL 3000	
<b>Body</b> Aluminum RAL 9006	
<b>Valve</b> I Group	
<b>Outlet connection</b> W 20 x 1/14" m lh	
<b>Label</b> Flammable gases	

## Proper shipping name

FLAMMABLE COMPRESSED GAS, N.O.S. (Hydrogen, Argon)	
UN-No.	1954
ADR Class	2.1
ADR/RID	1 F



Safety  
datasheet

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



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PREMIUM LINE

## Enermix High-Speed

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Enermix HSh	Cylinder	mc	200	ISO 14175 – R1	00690
Enermix HSh	Bundle	mc	200	ISO 14175 – Z	00691

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