



# Enermix Carbon

COMFORT LINE



Shielding gas mixture for manual and automatic GMAW of non-alloyed and low-alloy steel, preferably applied to medium-thickness metal sheets. Features:

- ideal for both solid and flux cored wires;
- suitable also for pulsed arc welding;
- ideal in all welding position;
- good arc stability and penetration;
- good aesthetic.



## 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

		C2	C3	C4	C5	C8	C10	C12	C13	C15	C18	C20	C25
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



COMFORT LINE

## Enermix Carbon

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Enermix C2	Cylinder	mc	200	ISO 14175 – M12	00654
Enermix C2	Bundle	mc	200	ISO 14175 – M12	00655
Enermix C3	Cylinder	mc	200	ISO 14175 – M12	00136
Enermix C3	Bundle	mc	200	ISO 14175 – M12	00137
EnermixC4	Cylinder	mc	200	ISO 14175 – M12	00659
EnermixC4	Bundle	mc	200	ISO 14175 – M12	00642
EnermixC5	Cylinder	mc	200	ISO 14175 – M12	00140
EnermixC5	Bundle	mc	200	ISO 14175 – M12	00141
Enermix C8	Cylinder	mc	200	ISO 14175 – M20	00670
Enermix C8	Bundle	mc	200	ISO 14175 – M20	00671
Enermix C10	Cylinder	mc	200	ISO 14175 – M20	00146
Enermix C10	Bundle	mc	200	ISO 14175 – M20	00147
Enermix C12	Cylinder	mc	200	ISO 14175 – M20	00616
Enermix C12	Bundle	mc	200	ISO 14175 – M20	00617
EnermixC13	Cylinder	mc	200	ISO 14175 – M20	00194
Enermix C15	Cylinder	mc	200	ISO 14175 – M20	00148
Enermix C15	Bundle	mc	200	ISO 14175 – M20	00149
Enermix C18	Cylinder	mc	200	ISO 14175 – M21	00142
Enermix C18	Bundle	mc	200	ISO 14175 – M21	00143
Enermix C20	Cylinder	mc	200	ISO 14175 – M21	00004
Enermix C20	Bundle	mc	200	ISO 14175 – M21	00068
Enermix C25	Cylinder	mc	200	ISO 14175 – M21	00138
Enermix C25	Bundle	mc	200	ISO 14175 – M21	00139

### 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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