



Enermix BackShield

COMFORT LINE



Mixtures for the GTAW of duplex and super-duplex steel. Insulating the molten bath by atmospheric gases, avoids the effect of tempering coloration.

Also used for back shielding in the welding of austenitic stainless steel that is not titanium stabilized. The use of Enermix BackShield mixtures significantly improves the corrosion resistance.



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

		BS2	BS5
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

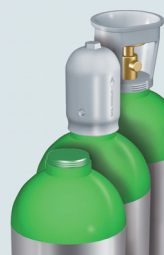
Ogive
Bright Green RAL 6018

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, Nitrogen)
UN-No. 1956
ADR Class 2.2
ADR/RID 1 A



**Safety
datasheet**

www.sol.it/it/safety-datasheets



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



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Enermix BackShield

Product	Container	Unit of measure	Pressure bar	EN ISO 1417 Classification	Code
Enermix BS2	Cylinder	mc	200	ISO 14175 – N2	00628
Enermix BS2	Bundle	mc	200	ISO 14175 – N2	00629
Enermix BS5	Cylinder	mc	200	ISO 14175 – N2	00630

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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