



Enermix NitroHydro

PREMIUM LINE



Gas mixture for back shielding in the welding of austenitic stainless steels. By insulating the molten bath by atmospheric gases, avoids tempering coloration effect. The NitroHydro mixtures are particularly suitable for orbital welding applications in pipes and tanks production.



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 the 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

Reference Standards

Gas: EN ISO 14175
Valve: UNI 11144

Applications

		NH5	NH7	NH10	NH20	NH25	NH50
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

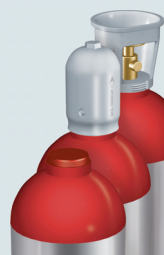
Ogive
Red RAL 3000

Body
Aluminum RAL 9006

Valve
I Group

Outlet connection
W 20 x 1/14" m lh

Label
Flammable gases



Proper shipping name

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



**Safety
datasheet**

www.sol.it/it/safety-datasheets



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



PREMIUM LINE

Enermix NitroHydro

Product	Container	Unit of measure	Pressure bar	EN ISO 14177 Classification	Code
Enermix NH5	Cylinder	mc	200	ISO 14175 – N5	00241
Enermix NH5	Bundle	mc	200	ISO 14175 – N5	00242
Enermix NH7	Cylinder	mc	200	ISO 14175 – N5	00295
Enermix NH7	Bundle	mc	200	ISO 14175 – N5	00294
Enermix NH10	Cylinder	mc	200	ISO 14175 – N5	00239
Enermix NH10	Bundle	mc	200	ISO 14175 – N5	00240
Enermix NH20	Cylinder	mc	200	ISO 14175 – N5	00221
Enermix NH20	Bundle	mc	200	ISO 14175 – N5	00229
Enermix NH25	Cylinder	mc	200	ISO 14175 – N5	00335
Enermix NH50	Cylinder	mc	200	ISO 14175 – N5	00233
Enermix NH50	Bundle	mc	200	ISO 14175 – N5	00234

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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