



Enermix O₂ygen

COMFORT LINE



Shielding gas mixtures for the GMAW of stainless steel, preferably for thin sheets.

Compared with Ar/CO₂ mixtures, the spray arc can be achieved using less current. Features:

- good arc stability and welding speed;
- absence of spatter and smooth weld bead;
- decreases the risk of undercuts;
- reduction of fume generation.



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

| | | OX1 | OX2 | OX3 | OX5 |
|--------------------------|-----------------|-----|-----|-----|-----|
| 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

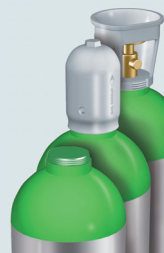
Ogive
Bright Green RAL 6018

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, Oxygen)
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



COMFORT LINE

Enermix OXYgen

| Product | Container | Unit of measure | Pressure bar | EN ISO 1417 Classification | Code |
|-------------|-----------|-----------------|--------------|-------------------------------|-------|
| Enermix OX1 | Cylinder | mc | 200 | ISO 14175 – M13 | 00151 |
| Enermix OX1 | Bundle | mc | 200 | ISO 14175 – M13 | 00154 |
| Enermix OX2 | Cylinder | mc | 200 | ISO 14175 – M13 | 00152 |
| Enermix OX2 | Bundle | mc | 200 | ISO 14175 – M13 | 00171 |
| Enermix OX3 | Cylinder | mc | 200 | ISO 14175 – M13 | 00153 |
| Enermix OX3 | Bundle | mc | 200 | ISO 14175 – M13 | 00172 |
| Enermix OX5 | Cylinder | mc | 200 | ISO 14175 – M22 | 01878 |
| Enermix OX5 | Bundle | mc | 200 | ISO 14175 – M22 | 01879 |

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

Via Borgazzi, 27
20900 Monza · Italy
t +39 039 2396.1
dico@sol.it
www.sol.it

SOLGROUP
a breath of life