

B-BRAZE

B-BRAZE range of products includes kits and professional tools (cylinders, torches, nozzles, pressure regulators etc.) for the following applications:

- ✓ Soft brazing up to 450 °C
- ✓ Hard brazing from 450 to 1100°C
- ✓ Autogenous welding over 1100°C



G-TEC

G-TEC range of products include non refillable, single use, cylinders, with a capacity of 0,95 lt., which are commonly used for welding, brazing, pressurizing of air conditioning and refrigeration systems, pipe purging with inert gas, aquariology. The G-TEC cylinders are made from carbon steel in full compliance with EN12205 standards, with a working pressure of 110 bar.

- ✓ G-Oxygen (O₂)
- ✓ G-Mix Argon/CO₂
- ✓ G-Mix Nitrogen/Hydrogen
- ✓ G-Nitrogen (N₂ - Nitrogen)
- ✓ G-Carbon Dioxide (CO₂)
- ✓ G-Argon



G-TEC

Technical gases are employed in almost all industrial processes: in **Mechanical** engineering for cutting and soldering of metals; in **Chemical** engineering for cooling down and conservation of chemical compounds; in **Electrical** engineering for equipment operation; in **Civil** engineering for treatments of drinkable and drain water.

When applications require limited capacity tanks, General Gas offers the **G-TEC®** line. These cylinders, whose capacity is 0,95 lt., are disposable and non-refillable, and are sold in package of 12, 6 and 1 pieces. **G-TEC®** cylinders are made of carbon steel in compliance with the EN12205 regulation. Their working pressure is 110 bar. They can be employed in many applications that require a limited amount of gas.



- ▶ G-Argon
- ▶ G-Carbon Dioxide
- ▶ G-Mix Argon-Carbon Dioxide
- ▶ G-Oxygen
- ▶ G-Nitrogen
- ▶ G-Mix Nitrogen-Hydrogen

G-TEC® Cylinders

	UM	G-Argon	G-Carbon Dioxide	G-Mix Argon-Carbon Dioxide	G-Oxygen	G-Nitrogen	G-Mix Nitrogen Hydrogen
Gas Content Nlt @25°C, 0 bar rel	Nlt.	183	-	117	112	105	105
Gas Content gr. @25°C, 0 bar rel	gr.	112	390	195	147	121	114
Cylinder Capacity	lt fl.oz.	0,95 32,1	0,95 32,1	0,95 32,1	0,95 32,1	0,95 32,1	0,95 32,1
Cylinder Diameter	mm.	70	70	70	70	70	70
Cylinder Height	mm.	310	310	310	310	310	310
Standard Specification	-	EN 12205	EN 12205	EN 12205	EN 12205	EN 12205	EN 12205
Valve Connection	-	M10x1	M10x1	M10x1	M12x1	M10x1	M10x1
Working Pressure	bar	110	60	110	110	110	110
Test Pressure	bar	165	165	165	165	165	165

G-TEC® Product	Applications				
		Brazing	Thermo-hydraulic	Automotive	Hardware
G-Argon	Small welding operations in thermo-hydraulic sector.		✓		✓
G-Carbon Dioxide	Small welding operations in thermo-hydraulic sector.		✓		✓
G-Mix Argon/Carbon Dioxide	Small welding operations in thermo-hydraulic sector.		✓		✓
G-Oxygen	Braze welding/Brazing for maintenance and installation of air conditioning, refrigeration and hydraulic systems. Brazing in applications where joint's appearance is a priority (goldsmithing, jewellery, musical instruments, glasses, sculptures, ...).	✓	✓		✓
G-Nitrogen	Pressurization of small air conditioning, refrigeration and automotive systems. Flushing of copper pipes during welding to prevent internal oxidation.		✓	✓	✓
G - Mix Nitrogen/Hydrogen	Pressurizing of small impianti refrigeration, air conditioning, automotive and hydraulic systems, for leak detection by using hydrogen detectors.		✓	✓	



G-Oxygen is pressurized oxygen at 110 bar, stored into 0,95 liters cylinders. Oxygen at standard atmospheric conditions (15°C e 760mm Hg) is an essential gas for preservation of life, being integral part of all respiration and oxydation processes. Oxygen is a colourless, odourless and favourless gas, present in the earth atmosphere in concentration equals to 20,94%. At atmospheric pressure and temperature less than -183°C, Oxygen is a colourless liquid slightly thicker than water.

Applications

G-Oxygen is employed for the following applications:

- ▶ Braze welding/Brazing for maintenance and installation of air conditioning, refrigeration and hydraulic systems.
- ▶ Brazing in applications where joints' appearance is a priority (goldsmithing, jewellery, musical instruments, glasses, sculptures, ...).

Performance

G-Oxygen is a combustive agent. Mixed with flammable gases it increases flame temperature.

Flammability

G-Oxygen is a combustive agent; avoid contact with oils or other easily flammable materials.



Packaging

Item Code	N° Cylinders per Package	UM	Gas Quantity per Cylinder		Cylinder Capacity	Pressure	Valve Connector
			lit.	gr.			
G-GTX-OX-B-0,95L-12	12	Pkg.	112	147	0,95	110 bar	M12 x 1
G-GTX-OX-B-0,95L-6	6	Pkg.					
G-GTX-OX-B-0,95L-1	1	NR					