Brazing alloys - Electrodes

MÉTACONCEPT

- **Lomyphos = high fluidity**
- **Brazargent = extra strong**
- **Uncoated and coated rods**
- **A.T.G. approved**
- **Electrodes for welding all alloys**

BRAZING ALLOY

Our brazing products are designed to facilitate brazing operations in all sanitation applications. Each product has its own specific benefit, e.g. the fluidity of Lomyphos Cu/P or the mechanical strength of silver brazing alloy.

Code	Description	Solid	Liquid	Packaging
152	Lomyphos Cu/P 7 — 2 mm	710 ° C	795 ° C	500 g pack
153	Lomyphos Cu/P 7 — 2 mm	710 ° C	795 ° C	1 kg pack
626	Lomyphos Cu/P 7 — 2 mm	710 ° C	795 ° C	5 kg pack
158	Lomyphos "202" Cu/P/Ag 2 — 2 mm	650 ° C	800 ° C	1 kg pack
2370	Powdered flux for Lomyphos brazing alloy	Use with copper alloys		100 g tub
2347	Brazing alloy 40 Ag, Cu/Zn/Cd/Ag 40 — 2 mm	595 ° C	630 ° C	1 kg pack
1680	Brazing alloy CE 140 Cu/Zn/Cd/Ag 40 — 2 mm	595 ° C	630 ° C	1 kg pack

SILVER BRAZING ALLOY Compliant with A.T.G. specifications.

Our uncoated silver brazing alloys are approved by Gaz de France, and are designed to be used in conjunction with the corresponding flux gels. These products require the use of oxyacetylene equipment, and produce a stronger join.

Code	Description	Solid	Liquid	Packaging
2367	Brazargent 400—40 Ag—2 mm	595 ° C	630 ° C	500 g pack
2369	"Gel 400" flux - 80 g tub			Box of 15 tubs
Brazargent 400, approved when used in conjunction with Gel 400 flux - Approval cert. n° 1512				
2364	PAG 60—6 Ag—2 mm	650 ° C	720 ° C	500 g pack
2368	Flux "Gel 60" - 80 g tub			Box of 15 tubs
PAG 60, approved when used in conjunction with Gel 60 flux - Approval cert. n° 750				

WELDING ELECTRODES

Métaconcept has selected a standard range of welding electrodes for electric arc welding applications.

Code	Description	Applications
ME —UNI -A	General-purpose steel-cored electrode	Pipework, all welding positions
ME—UNI—E	As per ME-UNI -A, coated	Flat-position welding, self-detaching slag, superb finish
ME - UNI - G	Galvanisation electrode	Ideal for post-welding galvanisation
ME - UNI - I	General-purpose steel-cored electrode	Ideal for food-use stainless steel; low moisture absorption coating
ME - REPHF	Repair electrode (not for cast iron)	Welding dissimilar steels; multipurpose
ME - TF	Electrode for all cast iron	Easily-machinable, homogenous pure nickel alloy
ME - FG	Electrode for grey cast iron	Crack-resistant, homogenous ferro-nickel alloy

Brazing alloys - Electrodes

Distributeur exclusif

CHARACTERISTICS

Our extremely meticulous manufacturing processes guarantee the quality of our Lomyphos brazing alloys.
The carefully-calculated phosphor content ensures ideal fluidity for work on copper - whether in a factory workshop or on a construction site. Our brazing alloys are supplied in a standard length of 500 mm. Electrodes are used in arc-welding processes to join metals such as steel, stainless steel and cast iron. The electrode's coated core should be chosen according to the type(s) of alloy to be assembled.

TYPICAL APPLICATIONS

Brazing
Sanitation systems
Heating systems
Mechanical industries
Electromechanical engineering

Electrodes
Metal constructions
Piping systems
Locksmithing
Boilermaking
Shipbuilding
Chemical and petrochemical industries
Refineries
Food industries
Engine blocks
Pumps

INSTRUCTIONS FOR USE

Brazing filler metals are used in conjunction with an oxyacetylene torch.
Electrodes are used with an arc-welder, with the current and operating voltage set according to the thickness and nature of the metals being assembled.

SILVER BRAZING ALLOYS

The high silver content of these brazing alloys makes it possible to braze at relatively low temperatures.

Our silver brazing alloys can be used to braze copper metals and steel.

The top grade alloys used in the manufacture of our brazing alloys make for high mechanical strength and excellent fluidity.

Our brazing alloys are supplied as uncoated rods. A coated version is also available – the "CE" line.

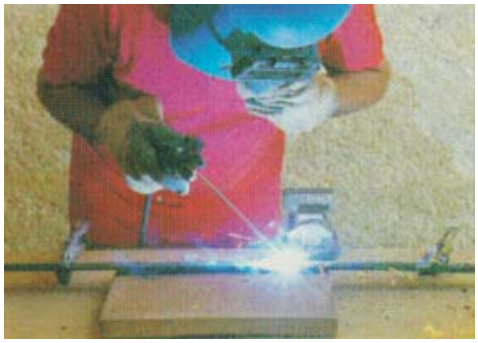
Our silver brazing alloys are designed to be used with special brazing fluxes: "Gel 400" (for brazing alloy containing 40% Ag) and "Gel 60" (for brazing alloy containing 6% Ag).

A.T.G. approved silver brazing alloys

The combinations Brazargent 400 + Gel 400 (approval n° 1512), and PAG 60 + Gel 60 (approval n° 750) are intended for capillary brazing copper piping in combustible gas systems.

NOTES

Lomyphos brazing alloys are primarily intended for joining copper and copper alloys.
They are self-fluxing on pure copper, but a flux is required when brazing copper alloys (Powdered flux for Lomyphos brazing alloy).



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