Technical Data Sheet

Issued on : 22/05/2025
Version : 5
Cancels and replaces previous versions

BRASURE CUIVRE PHOSPHORE ARGENT

Functionality

Copper/phosphorous/silver based alloy presented in the form of rods and intended for hard soldering.

- Main application : sanitary and central heating pipes.
- Hard soldering of yellow metal parts : copper, brass, bronze.
- Not suitable for use on ferrous metals, nickel alloys or copper alloys containing nickel, in this case use All metals solder (BRASURE TOUS METAUX).
- For tin and lead alloys use soft soldering.

Labels and Accreditation

NF EN ISO 17672 : CuP 281
NF EN ISO 3677 : B-Cu 89Ag-645/815

Technical characteristics

Characteristics	Specifications
Indicative composition	Copper: 88.2 – 89.8% Phosphorous: 5.7 – 6.3% Silver: 4.5 – 5.5%
Wire diameter	20/10^{ths}
Fusion interval	+645˚C to +815 ˚C
Minimum brazing temperature	+710˚C
Length	350 mm
Ultimate tensile strength	65 MPa
Elongation at break coefficient	8%

Use

Preparation

- Abrade the parts to be joined with steel wool or workshop roller.
- Brazing copper : it is not necessary to use soldering flux.
- Brazing copper alloys (brass, bronze, etc.) : use soldering flux AG-FLUX.

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Instructions for use

- Coat the parts to be assembled with DECAPANT POUR BRASURE using the PINCEAU POUR DECAPANT when brazing copper alloys and also coat the tip of the rod.
- Fit the parts together and heat up by sweeping the flame.
- Apply the rod immediately and allow it to melt.
- Stop deposing the filler metal as soon as a ring forms at the base of the joint.
- Allow to cool and remove any excess with a damp cloth.

Material cleaning

With a damp cloth

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr .

If the product is subject to detergent regulation : Component list available on request at reach@geb.fr

If the product is subject to biocide regulation or if it contains a biocide to protect it : Consult the Material Safety Data Sheet - Please use the products responsiblly.

Comments

Not suitable for use on ferrous metals, nickel alloys or copper alloys containing nickel.

Storage

The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.