

# TECHNICAL SHEET



## Ag72

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### Product name

Ag72

### Class of product

Cadmium-free and Zinc-free silver based brazing alloy

### Corresponding standards

DIN8513 L-Ag72

EN1044 AG 401

AWS A5.8-04 BAg-8

### Nominal composition (weight %)

Ag: 72

Cu: 28

### Physical characteristics

Melting range (Solids – Liquids): 780 – 780 °C

Brazing temperature: 780 °C

Density: 10 g/cm<sup>3</sup>

### Range of application:

Ag72 is a cadmium-free and zinc-free silver brazing alloy, with excellent flow properties, being the eutectic composition of the silver-copper system.

It can be used to join ferrous and non-ferrous base metals, such as steel, stainless steel, copper, brass, etc. Thanks to its single-point melting range and absence of zinc in the alloy, it is suitable to be used for brazing in oven under a protective atmosphere without the use of flux and for brazing under vacuum.

Typical applications are in the electric industry and for controlled atmosphere brazing in oven.

### Characteristics Make-up:

Rods

Wires

Strips

Rings & performs from wire

Performs from strip

Other dimensions and make-ups are available upon request

The above data are subject to change without notice by Spring.

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