



**Gallorini**  
MASTER OF ALLOYS

**PRODUCT CODE S101 EVO**

#### Description

S101 EVO is a zinc-based soldering powder. Its main application is the soldering of chain's link in belt furnace systems. The specific formulation of this powder includes deoxidizers, which prevent the formation of surface oxide layers and strengthening elements that reinforce the soldered link.

#### Application

|         |             |
|---------|-------------|
| 21, 22K | Yellow gold |
| 18K     | White gold  |

Average granulometry: 20-25  $\mu\text{m}$

#### Chain preparation standard process

- Prepare the grip solution
- Put the chain into the grip solution for 1-2 minutes
- Pull out the chain from the grip solution and let it dry
- Put the chain in a clean tumbler with 2 spoons of soldering powder
- Put the chains in a second tumbler with 3 spoons of dry talc powder
- After removing the excess talc, the chain is ready for soldering in belt furnace.

#### Operative conditions

Temperature and speed of the belt furnace depends from chain's type and external condition, usually the temperature range is between 830°C and 870°C.

Please contact us for further recommendations