



# MBO SOLDER WIRE

## No Clean



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MBO No-clean solder wire “RZ” was developed in the MBO laboratories. It is specially formulated for soldering applications on zinc (capacitors industry) and the soldering on most substrates, including copper, copper tinned, nickel-gold, etc..

- Good activity
- Fast soldering
- Safe residues
- Low odour
- Low spattering
- Adapted for leaded and lead-free alloys
- ISO 9453 and J-STD 006 compliant

### Available lead free alloys :

Alloy	Melting point
Sn96.5Ag3Cu0.5	217 - 220°C
Sn99Ag0.3Cu0.7	217 – 227°C
Sn99.3Cu0.7	E - 227°C
Sn99CuSP	E - 227°C
Sn99CuNiGe	E – 227°C
Sn97Cu3	227 – 310 °C

Leaded alloys : Sn60Pb40

### PHYSICO-CHEMICAL CHARACTERISTICS

Alloys : Most lead free alloys conforming to international standards available on request  
 Flux type: Modified rosins  
 Properties: See table below

	<b>RZ</b>
Halide content	None
Flux content	Standard: 3 % (other: consult us)
Acid number	138 mgKOH/g
J-STD-004 class.	<b>ROLO</b>
Application	Soldering on zinc - General application

### APPLICATION

MBO “RZ” solder wire confers fast soldering on zinc. MBO “RZ” solder wire can be used with various methods of soldering, such as soldering iron, hot air, induction, hot plate etc.

When used with a soldering iron, it is recommended to use an operating temperature between 300°C and 450°C for standard operations.

### RESIDUES REMOVAL

If needed, post-soldering residues of MBO “RZ” solder wire can be removed with commercially-available solvents such as alcohols, hydrocarbons, and specific cleaners.

### STORAGE

In original packaging at room temperature for 24 months. Keep away from inclemency.

### ADDITIONAL INFORMATION

Our manufacturing processes have been subjected to FMECA analysis (equivalent of AMDEC in France).

We cannot anticipate any and all conditions and situations under which the information and our products or the combination of both with others will be used. We do not assume any liability in the safety and suitability of our products alone or in combination with others. Users must make their own tests to determine the safety and suitability of each product used alone or with other products for their own use. Except any previous written agreement, our products are sold without guarantee and customers must assume all liability for any loss or damage suffered by themselves or by third parties, either from handling or use of our products alone or with others. In case of any difference or variation seen during the use of the products we request that you contact our technical department.