

## MBO “RT 15” SOLDER WIRE

No Clean - Halide Free –

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Nr : 03

MBO “AUTOFIL RT 15” solder wire is carefully formulated in our Laboratory. Especially formulated for the use in CMS repairing and soldering on various tinned substrates.

- Halide free
- Fast soldering
- Low clear residues
- Low fume
- Low odour
- Low spattering
- RoHS available

Lead Free	RoHS
Sn96.5Ag3.5	E - 221°C
Sn96.5Ag3Cu0.5	217°C – 219°C
Sn95.5Ag3.8Cu0.7	E - 217°C
Sn99.3 Cu0.7	E – 227°C
Sn99CuSP	227°C
Sn99Ag0.3Cu0.7	217°C – 227°C
Others	Please consult us

*Also available in leaded alloys		
Sn63Pb37	E - 183°C	NOT RoHS
Sn60Pb40	183°C – 190°C	NOT RoHS
Sn50Pb50	183°C – 216°C	NOT RoHS
Sn62Pb36Ag2	179°C – 180°C	NOT RoHS
Sn60Pb38Cu2	183°C – 190°C	NOT RoHS
Sn5Pb93.5Ag1.5	296°C - 301°C	NOT RoHS

### PHYSICO-CHEMICAL CHARACTERISTICS

Flux content: 1% - 1.5 % (nominal) - 2.5%  
 Flux type: Blend of rosin and modified rosin.  
 Halide content: NIL

Properties	AUTOFIL RT 15
Halide content	0 %
Acid value	386 mgKOH/g
J-STD-004	ROL0
Application	SMT Rework – General Applications

### APPLICATION

MBO “AUTOFIL RT 15” solder wire confers rapid soldering with on various tinned substrates. MBO “AUTOFIL RT 15” solder wire can be used in conjunction with various methods of soldering, such as soldering iron, hot air, induction. When used with a soldering iron, it recommended to use a maximum operating temperature of 370°C. Elevated temperatures can be used but some carbonisation of the flux may result.

### RESIDU REMOVAL

If required, post-soldering residues of MBO “AUTOFIL RT 15” solder wire can be removed with commercially-available solvents such as alcohols and hydrocarbons, and propriety cleaners.

### ADDITIONAL INFORMATION :

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