



SOLDER PASTE

TYPE RMA "495"

MBO 495 "TRADITIONAL" RMA solder paste is carefully formulated to confer high activity soldering and yet leaves very low, clear and benign residues after reflow soldering.

- RMA formulation.
- High activity.
- Pale, low and safe residue.
- Lead-free option available.
- Good abandon time (>4 hours).
- Extended tack-life (>48 hours).
- Long stencil-life (>6 hours).
- Fine-pitch capabilities.

MBO 495 RMA solder paste is made to strict quality assurance standards.

Alloys	Metal content (%)	Viscosity (cP)
Sn63Pb37	90	650,000 – 850,000
Sn62PbAg2	90	650,000 – 850,000
Sn95.5Ag3.8Cu0.7	89	650,000 – 850,000
+ Others		650,000 – 850,000

Printing

Stencil

Stainless steel, brass or nickel. Chemical etched, laser cut or electroformed.

Squeegee

Stainless steel or 80-100 durometer polyurethane.

Print speed

20-60 mm/s. Generally slower for fine pitch.

Squeegee pressure

5-10 Kg. Generally higher for fine pitch.

Snap-off

0 to 0.25mm. On contact printing is preferred.

Ambient Conditions

18 - 22°C and 35% to 70% RH. Minimise exposure of paste to direct air flow is recommended.

Cleaning of Stencils and Tools

Most stencil wipes and stencil cleaners as are available

Reflow

Heating Methods

Hot air convection, infrared, vapour phase, hot plate, hot bar and laser amongst others. Aerobic or inerted atmospheres are acceptable.

Heating Profile

See suggested reflow profile for specific alloy.

Cleaning Equipment (If required.)

Spray, immersion, vapour degreaser or scrubber.

Cleaning solvents

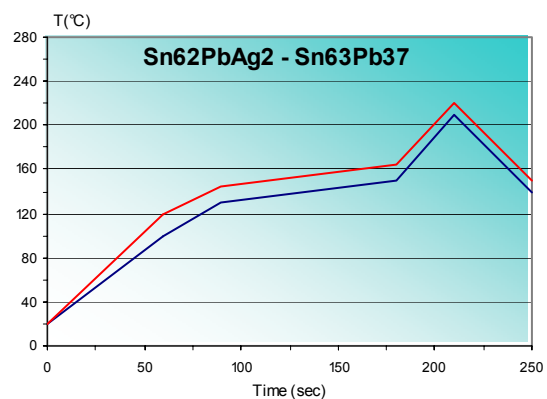
Most stencil cleaners and saponifiers.

Temperature

35-60°C.

Spray Pressure

20 to 40 psi.



Packaging

250g or 500g jars. 500g or 1000g cartridges. 800g Proflow®. Others on request.

Storage

In original container between 5 and 10°C for up to 6 months. Wait until the pot has reached ambient temperature before opening to avoid water condensation on the surface of the paste. Once opened, do not return to the fridge. Product should be stored at ambient conditions and used within one week.