



"SIRIUS 1 Di"

SIRIUS™ 1 Di no-clean dispensing grade solder paste is carefully formulated to confer high activity soldering and yet, leaves very low clear, benign residues.

- Halide-free.
- Acid value (medium) 128 mgKOH/g
- High activity.
- Low and safe residue.
- Lead-Free option available.
- Extended tack-life (>48 hours).
- Excellent slump resistance.

SIRIUS™ 1 Di no-clean dispensing grade solder paste is made to strict quality assurance standards.

| Alloys | Metal content (%) | Viscosity (cP) |
|------------------|-------------------|-------------------|
| Sn63Pb37 | 86 | 300,000 – 500,000 |
| Sn62PbAg2 | 86 | 300,000 – 500,000 |
| Sn95.5Ag3.8Cu0.7 | 86 | 300,000 – 500,000 |
| Sn5Pb95 | 87 | 300,000 – 500,000 |
| + Others | On request | |

Dispensing

SIRIUS™ 1 Di has been designed for most types of solder paste dispensing systems equipped with needles down to 0.41mm (using 25-45µm powder). Finer dispensing needles require 15-30µm powder.

Packaging

Syringes and cartridges of 5cc, 10cc, 30cc and 50cc. Others on request.

Ambient Conditions

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

Cleanup-Nozzles and Tools

Use MBO Easy-Purge 400 conditioning fluid.

Reflow

Heating Methods

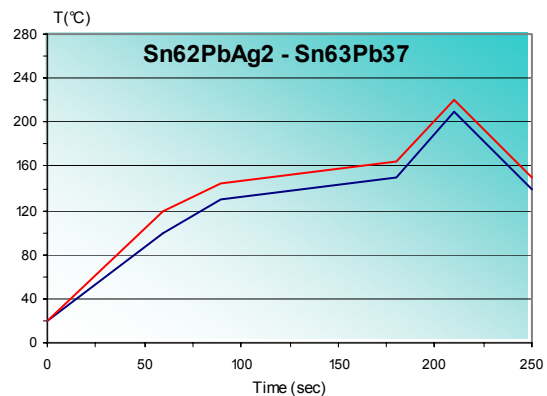
Convection, infrared, vapour phase, hot plate, hot bar, laser and others. Aerobic or inerted.

Heating Profile

See suggested reflow profile for specific alloy.

Cleaning Equipment

Spray, immersion, vapour degreaser or scrubber, if required.



Packaging

Different types of syringes and cartridges are available: 30 g - 100g - 500g - 1Kg - others on request.

Storage

In original container between 5 and 10°C for up to 3 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.