NO-CLEAN SOLDER PASTE DISPENSING GRADE
"SIRIUS™ 1 LF Di"

Created: 05/2002 - Revised: 01/12/10 - Index 06

SIRIUS™ 1 LF 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
- High activity.
- Low and safe residue.
- Extended tack-life (>48 hours).
- Excellent slump resistance.

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

Alloys	Metal content (%)	Viscosity (cP)
Sn96.5Ag3.5	86.0	300,000 – 500,000
Sn96.5Ag3Cu0.5	86.0	300,000 – 500,000
Sn95.5Ag3.8Cu0.7	86.0	300,000 – 500,000

Dispensing

SIRIUS™ 1 LF Di has been designed for most types of solder paste dispensing machines 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. Minimize exposure of paste direct to 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.

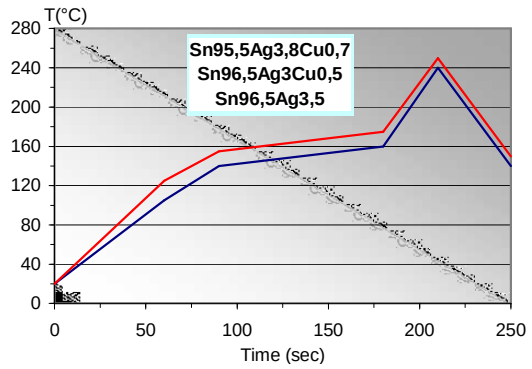
Cleaning Equipment
Spray, immersion, vapour degreaser or scrubber.

Cleaning

Cleaning solvents
Most stencil cleaners and saponifiers.

Temperature
35-60°C.

Spray Pressure
1.5 to 2.8 kg/cm^2



Packaging: different types of syringes available: 30 g - 100g -500g - 1Kg - others on request.

Storage: in original container between 5 and 10°C for up to 12 months. Wait until the pot has reach the ambient temperature before opening to avoid water condensation on the surface of the paste. Once opened, do not return to the fridge. Should be stored at ambient conditions within two weeks.

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

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