

NC603 Power Core Wire Solder

INTRODUCTION

NC603 Power Core Wire Solder is a RMA activated No Clean for repairing through-hole, mixed and surface mount assemblies. The flux core provides faster and better fluxing activity than typical RMA flux cores. NC603 flux is formulated to provide clear, colorless residues, maximum activity and high reliability without cleaning in most situations.

ATTRIBUTES

- Excellent cosmetics and a low, clear residue
- Low smoke and Low smell
- Minimal attack on Soldering Iron Tips
- Superior activity offering good solderability on all surface finishes
- Good topside wetting

APPLICATION

NC603 Power Core is suitable for use in any commercial hand soldering application. NC603 Power Core is ideal for difficult to solder metals such as brass, nickel and severely oxidized copper.

If the flux residue must be removed, FCT Assembly RA2000 Saponifier is effective in a 10% solution in water or SC101 Cleaner can be used at room temperature.

AVAILABILITY

NC603 Power Core Wire Solder is readily available in SN100C alloy, in diameters 0.015" to 0.125" in 3% flux.

TEST RESULTS

Physical Properties	Values
Alloy	SN100C
Flux Content	3%
Spread Factor	Over 90
Color	Clear, colorless flux
Copper Mirror	Low activity
Halide Content	0.5%
Silver chromate	Low activity
Fluoride test	None detected
Ion chromatography	No halides
Storage	Keep in a cool, dry place
Flux Type (per J-STD-004)	ROLO

SAFETY AND HANDLING

Refer to the Material Safety Data Sheet for further information.