

# NC601 Power Core Wire Solder

## INTRODUCTION

NC601 Power Core Wire Solder is a RA activated No Clean for repairing through-hole, mixed and surface mount assemblies. The flux core provides faster and better fluxing activity than typical RA flux cores. NC601 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
- Superior activity offering good solderability on all surface finishes
- Good topside wetting

## APPLICATION

NC601 Power Core is suitable for use in any commercial hand soldering application. NC601 Power Core is ideal for difficult to solder metals such as brass, nickel and severely oxidized copper.

NC601 is a no clean flux and the residues do not normally need to be removed. If removal of the flux is desirable, then the following cleaners have been tested and are effective at removal of the flux residues.

FCT Assembly: RA2000, SC101  
 Kyzen Aquanox: A4625, A4241, A4651US  
 Kyzen Cybersolv: 141-R  
 Kyzen Ionox: I3302

## AVAILABILITY

**NC601** Power Core Wire Solder is readily available in SN100C alloy, in diameters 0.015" to 0.125" in 3% flux.

## TEST RESULTS

Properties	Values
Alloy	SN100C
Flux Content	3%
Spread Factor	Over 90
Color	Clear, colorless flux
Copper mirror	Low activity
Halide Content	0.4%
Silver chromate	Halides present
Fluoride test	None detected
Ion chromatography	Halides detected
Flux type (J-STD-004)	ROL1

## SAFETY AND HANDLING

Refer to the Material Safety Data Sheet for further information.

Store in a cool dry place.