

# QUALITEK®

## NC 600 Solder Wire –SN100e Alloy No-Clean

### NC600( No-Clean)

Utilizing synthetically refined resin and a very effective activator, NC600 wets and spreads like an RA type.

NC600 exhibits virtually no splattering. NC600 conforms to QQ-S-571 and J-STD-004.

Alloy SN100e Lead Free Sn99.5/Cuo.5/Co  
Melting Range 228 C

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### PHYSICAL & CHEMICAL CHARACTERISTICS (FLUX EXTRACT)

NC600	
Color & Appearance	Lt. Opaque Solid
Softening Point, C°(Flux Extract)	75°
Acid Number (mgKOH/g sample)	190-210
Silver Chromate(Qualitative Halides)	No Detection
Classification Per J-STD-004	RELO
Surface Insulation Resistance	>1.0 x 10 <sup>9</sup>
Shelf Life	Indefinite
Residue Removal	Not Required. May be removed with CFC replacement solvent or Qualitek 1005 Saponifier

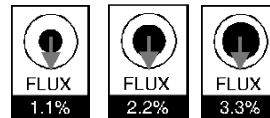
### STANDARD PACKAGING

Qualitek flux-core wire and solid wire are packed in ½ pound, 1 pound, 1 kilogram, and 5 pound spools. We also offer 50 pound to 250 pound Quali-packs in rugged fiber containers.

### STANDARD WIRE DIAMETERS

DIAMETER/INCH	0.125	0.092	0.062	0.050	0.040	0.032	0.025	0.020	0.015	0.010
DIAMETER/MM	3.17	2.3	1.57	1.27	1.01	0.81	0.63	0.50	0.38	0.25
STD.WIRE GAUGE	11	13	16	18	19	21	23	25	28	31

### STANDARD FLUX CORE PERCENTAGE\*



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