

WS101 Power Core Wire Solder

INTRODUCTION

WS101 Power Core Wire Solder is a high activity water washable solder for repairing through-hole, mixed and surface mount assemblies. The flux core provides faster and better fluxing activity than RA flux cores. **WS101** flux is formulated to provide high activity soldering, leaving an easily washable residue in plain water without the need for cleaning additives.

ATTRIBUTES

- Excellent cosmetics and a low, clear residue
- Superior activity offering good solderability on all surface finishes
- Good topside wetting

APPLICATION

POWER CORE **WS101** is suitable for use in any commercial hand soldering application. POWER CORE **WS101** is ideal for difficult to solder metals such as brass, nickel and severely oxidized copper.

The flux residues must be removed as they can affect reliability of the joint if left uncleaned. Cleaning is accomplished in plain water but a final rinse in D.I. water is recommended to ensure removal of all undesirable residues.

AVAILABILITY

WS101 Power Core Wire Solder is readily available in SN100C alloy, in diameters 0.015" to 0.125" in 2% flux. **WS101** Power Core Wire Solder may also be obtained in other alloys, in flux percentages from 1.0% to 3.0% on 1 lb., 5 lb., 10 lb. and 20 lb. spools.

TEST RESULTS

Physical Properties	Values
Alloy	SN100C
Flux Type (per J-STD-004A)	ORH1
Flux Content	2%
Spread Factor	Over 90
Color	Clear, colorless flux
Storage	Keep in a cool, dry place

SAFETY AND HANDLING

Refer to the Material Safety Data Sheet for further information.