

# Technical Bulletin

## Power Core WS101

### Wire Solder

#### **DESCRIPTION:**

POWER CORE WS101 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.

#### **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.

#### **PHYSICAL PROPERTIES**

Alloy  
Flux content  
Appearance  
Spread Factor  
Storage

#### **VALUES**

63/37 Tin/Lead  
2%  
Clear, colorless Flux  
Over 90  
Keep in cool dry place

#### **AVAILABILITY**

POWER CORE WS101 may also be obtained in other alloys, in diameters from 0.010 to 0.125, in flux percentages from 1.0% to 3.0% on 1 lb., 5 lb. and 20 lb. spools.

#### **Refer to MSDS for additional information.**

The information given in this technical data sheet is to the best of our knowledge accurate. It is intended to be helpful but no warranty is expressed or implied regarding the accuracy of such data. It is the users responsibility to determine the suitability of his own use of the product described herein; and since conditions of the use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as permission or as recommendations to practice any patented invention without a license from the patent owner nor as recommendation to use any product or to practice ant patented invention without a license from the patent owner nor as recommendation to use any product or to practice any process in violation of any law or any government regulations.