



# NO CLEAN DESOLDERING WICK

**Multicore No Clean Wick is designed for static-free desoldering and repair of printed circuit board assemblies without the need for a subsequent cleaning operation.**

- **Faster and increased solder absorption**
- **Wound on static dissipative spools**
- **Heat stable coating**
- **Negligible residues which are non-corrosive, clear and non-hygroscopic**
- **PCBs will meet MIL-P-28809A Cleanliness Test without cleaning**
- **Excellent shelf life**
- **New size No Clean Microwick (NC-MW) for SMD replacement**

## APPLICATION

Apply Multicore No Clean Wick to the solder requiring removal and place the soldering iron tip on top of the copper braid. The braid and solder beneath will gradually heat until the solder melts and is absorbed into the braid by capillary action. Remove the braid, cut off the solder filled length and dispose of lead contaminated copper properly.

Sudden heat shock, which may be produced when using a preheated vacuum desoldering tool, is prevented since the braid is cold when it first comes into contact with the joint to be desoldered.

## SPECIAL PROPERTIES

Multicore No Clean Wick is supplied on static dissipative spools conforming to both DOD Standard 1686 and DOD Handbook 263 for static discharge protection and meets the decay rate provision of MIL-B-81705 B.

Copper braid is coated with a reduced volume of Xersin 2005 halide-free synthetic resin, so that residues after use are significantly less than with conventional desoldering wick.

PCBs will pass the MIL-P-28809A Cleanliness Test without cleaning, provided a no clean flux and a clean system and components are used. PCBs will also pass this test if they have been cleaned after the soldering operation, provided they have been reworked using a no clean flux in a clean environment.

## SHELF LIFE

Due to the nature of the Xersin 2005 flux coating, Multicore No Clean Wick does not lose its efficiency even after prolonged storage in humid conditions, however conventional rosin coated wicks may lose their efficiency under such conditions.

## PACKAGING

Multicore No Clean Wick is supplied in anti-static plastic spools of 1.5m (5 ft) each. This provides convenient application and protects the user from heat.

Packaged ten spools per shipping carton.

Also available on larger spools to special order except for size NC-MW.

Size reference	Approximate width	Label colour code
NC-MW	0.5mm (0.02in)	Red
NC-00	0.8mm (0.03in)	White
NC-AA	1.5mm (0.06in)	Yellow
NC-AB	2.2mm (0.08in)	Green
NC-BB	2.7mm (0.10in)	Blue

## HEALTH AND SAFETY

The following is intended for general guidance only. A more comprehensive Health and Safety Data Sheet is available on request.

**Fume Hazards and Precautions:** The fumes evolved during use may irritate the nose and respiratory organs of some sensitive subjects. Avoid excessive inhalation of the fumes. Suitable fume extraction equipment should be used to extract fumes away from the operators. When used at normal soldering temperatures the amount of lead fume given off is negligible.

**Protection and Hygiene:** Eating, drinking and smoking should not be permitted in the working area. Hands should be washed with soap and warm water after handling this product, especially before eating.

**Waste Disposal:** Waste material should be disposed of in accordance with local regulations.



**MULTICORE SOLDERS**

**U.K. & World Headquarters:** Wood Lane End, Hemel Hempstead, Hertfordshire HP2 4RQ. Tel: 0442 233233 Telex: 82363 KELSEY G Fax: 0442 69554.

**AUSTRALIA:** 2 Hume Road, Smithfield, NSW 2164. Tel: (02) 725-1277 Telex: AA 176434MSAP Fax: (02) 725-2896.

**CANADA:** 12,320 April, Montreal, Quebec, H1B 5N5. Tel: (514) 645-2375 Fax: (514) 645-7574.

**GERMANY:** Oskarstrasse 3-7, 5600 Wuppertal 2. Tel: 0202-554047/8 Telex: 8591330 Fax: 0202-550431.

**JAPAN:** Hakua Building, 2-4-1 Akasaka, Minato-ku, Tokyo 107. Tel: 03-3586-8045 Telex: 2426738 HICON J Fax: 03-3586-5669.

**MALAYSIA:** Lot 62049 Jalan Portland, Tasek Industrial Estate, 31400 Ipoh. Tel: 05-576811 Telex: SOLDER MA 44059 Fax: 05-571868.

**SINGAPORE:** No. 2, Fan Yoong Road, Jurong, Singapore 2262. Tel: 02-2614766/2614768 Fax: 02-2615455.

**TAIWAN:** Multicore Soldering Technology, No.22, Lane 57, Nan-Yang Street, Shih-Jyy Town, Taipei Hsien, R.O.C. Tel: (02) 647-4418 Fax: (02) 643-2434.

**U.S.A.:** 1751 Jay Eli Drive, Richardson, Texas 75081. Tel: 214-238-1224 Fax: 214-437-0288 Telex: 792451.

This data is based on information believed to be reliable and is offered in good faith, but MULTICORE MAKES NO WARRANTIES EITHER EXPRESS OR IMPLIED AS TO ITS ACCURACY AND ASSUMES NO LIABILITIES ARISING OUT OF ITS USE BY OTHERS as conditions and methods of use of the products are beyond MULTICORE'S control. The prospective user should determine the suitability of the product before using it on a commercial scale. MULTICORE warrants only that the product will conform to its physical descriptions. MULTICORE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED AND EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL MULTICORE BE RESPONSIBLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER THE CLAIM IS IN CONTRACT, NEGLIGENCE OR OTHERWISE.

Ref: MSL525 11/91