

LOCTITE NC-AB WICK

August 2014

PRODUCT DESCRIPTION

LOCTITE NC-AB WICK provides the following product characteristics:

Technology	Desoldering Wick
Application	Soldering

LOCTITE NC-AB WICK is designed for static-free desoldering applications and repair of PC boards, without the need for subsequent clean-up. It is formulated using a special halide-free, vacuumised, no-clean, flux-coated copper braid for improved wicking. LOCTITE NC-AB WICK will not lose its efficiency even after prolonged storage in humid conditions. It is made to remain flexible and will not flake.

FEATURES AND BENEFITS

- Faster and increased solder absorption
- Wound-on static dissipative spools
- Negligible residues which are non-corrosive, clear and non-hygroscopic
- Heat stable coating
- Vacuum packed
- Boards using LOCTITE NC-AB WICK will meet the requirements of MIL-P-28809A Cleanliness Test without cleaning

DIRECTIONS FOR USE

Application:

Lay LOCTITE NC-AB WICK over 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 the lead contaminated 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

LOCTITE NC-AB WICK is supplied in static dissipative spools conforming to both DOD Standard 1686 and DOC Handbook 263 for static discharge protection. It also meets the decay rate provision of MIL-B-81705B.

Specially processed copper braid is coated with a reduced volume of time tested Xersin 2005 halid free synthetic resin making the quantity of residue after use i significantly less than the conventional desoldering wick. Xersin 2005 meets Bellcore TR-TSY 000078 issue 2, ANSI/IPC SF-818 and is rated IPC-LR3CN.

PCBs desoldered with LOCTITE NC-AB WICK 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.

PACKAGING

LOCTITE NC-AB WICK is supplied in static dissipative plastic spools of 1.5m (5 ft.) each. This provides convenient application and protects the user from heat.

LOCTITE NC-AB WICK is packed in cartons containing five vacuum packed sleeves, each sleeve containing ten static dissipative spools, for a total of fifty spools per carton.

LOCTITE NC-AB WICK is also available in 100 feet Econo-spools.

Approximate Width	Label Color Code
1.88mm (0.074 in) ± 10%	Green

DATA RANGES

The data contained herein may be reported as a typical value and/or a range. Values are based on actual test data and are verified on a periodic basis.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Fume Hazards and Precautions

The fumes resulting from use may irritate the nose and respiratory organs. Avoid excessive inhalation. 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.

Not for Product Specifications

The technical information contained herein is intended for reference only. Please contact Henkel Technologies Technical Service for assistance and recommendations on specifications for this product.

Conversions $(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$ $\text{kV/mm} \times 25.4 = \text{V/mil}$ $\text{mm} / 25.4 = \text{inches}$ $\mu\text{m} / 25.4 = \text{mil}$ $\text{N} \times 0.225 = \text{lb}$ $\text{N/mm} \times 5.71 = \text{lb/in}$ $\text{N/mm}^2 \times 145 = \text{psi}$ $\text{MPa} \times 145 = \text{psi}$ $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$ $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$ $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$ $\text{mPa}\cdot\text{s} = \text{cP}$ **Disclaimer****Note:**

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