

# 400-NF Series



## Unfluxed Super Wick™

No flux solder wick is a tightly woven, oxide-free copper solder wick that contains no flux within the braid. This design allows users to apply whatever flux they wish, including water-soluble flux for aqueous processes.

The solder wick is suitable for general-purpose solder removal, including reworking and repairing of circuit boards, benchtop repair and service, through-hole repair, and surface mount assembly touch-up.



## Features & Benefits

- Allows for customized flux
- Ideal for water-soluble flux use
- Available in 1.5 and 2.5 mm widths
- ESD safe bobbins

## Selection Guide

| Cat. No.    | Width | Length | ESD Safe | Label Color |
|-------------|-------|--------|----------|-------------|
| 424-NF-10FT | 0.06" | 10'    | Yes      | Yellow      |
| 426-NF-10FT | 0.10" | 10'    | Yes      | Blue        |

## Storage and Handling

Store between 22 and 27 °C in a dry area, away from sunlight (see SDS). Keep away from moisture. Shrink wrapping is recommended for extended storage.

## Application Instructions

Read the product SDS before using this product (downloadable at [www.mgchemicals.com](http://www.mgchemicals.com)).

## Contact Information

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## Recommended Preparation

This desoldering method is not recommended for removal of solder in through plated holes. Choose a braid that matches the size of the solder to be removed. If there are small beads, choosing a wider braid will also speed up the desoldering process.

## Removing Surface Solder

1. Remove conformal coating or any contamination that may be present.
2. Heat up the soldering iron. For lead-free solder, start with tip temperature of about 315 °C (599 °F) and adjust as necessary.
3. (Optional) Apply flux to the lead or land area.
4. Set the braid on the solder to be removed.
5. Place the solder tip on the braid, avoiding contact with other components.
6. When wicking action has ended, remove the soldering iron and braid together from the surface.
7. Cut off the used section of the braid and discard.
8. Let the area cool, clean the tip with the sponge, and repeat removal steps as necessary.
9. Clean flux residue that may have accumulated with a flux remover like the MG #4140, MG #4140A, MG #4050A or MG #413B.

**Disclaimer** This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.