400-NS Series

No-Clean Super Wick™

No-Clean Super Wick™ is a solder remover made of tightly woven, oxide-free copper braid coated with a high activation temperature no-clean flux. The flux residue from this solder remover braid is non-conductive and non-corrosive, and therefore does not need cleaning. Its high purity and tight weave make it fast-wicking, quickly removing solder and minimizing dwell time.

The no-clean 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

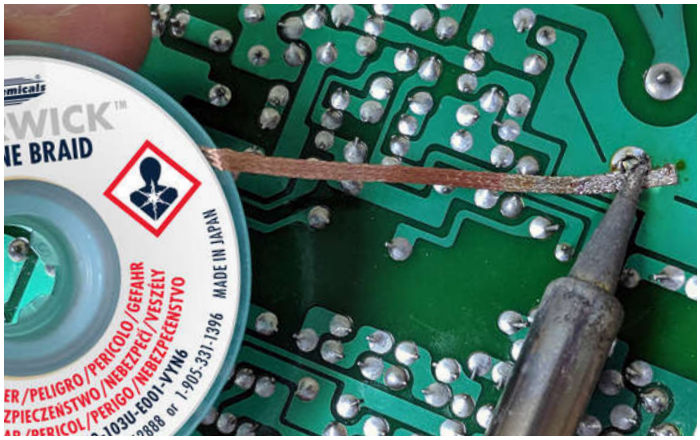
- Flux residue is non-conductive and non-corrosive
- Available in 1.5, 2.0 and 2.5 mm widths
- Available in 1.5, 3 and 15 m lengths
- ESD safe bobbins for 1.5 m size
- NSF—nonfood compounds program listed

Properties

Flux Classification	R (Rosin) ROL0
Flux Percentage	<5%
Corrosion	Non-corrosive residue
Cleaning Requirements	Recommended
Shelf Life	5 y

Selection Guide

Cat. No.	Width	Length	ESD Safe	Label Color
424-NS	0.06"	5'	Yes	Yellow
424-NS-10FT	0.06"	10'	Yes	Yellow
425-NS	0.08"	5'	Yes	Green
453-NS	0.08"	50'	No	Green
426-NS	0.10"	5'	Yes	Blue
426-NS-10FT	0.10"	10'	Yes	Blue
454-NS	0.10"	50'	No	Blue



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Application Instructions

Read the product SDS before using this product (downloadable at www.mgchemicals.com).

Recommended Preparation

Wicking works best for the removal of surface solders. 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.

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.

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.