

400 Series



SUPER WICK™ Fine Braid

400 series is a tightly woven, oxide-free copper solder wick coated with RMA flux. Its high purity and tight weave make it fastwicking, quickly removing solder and minimizing dwell time.

This solder remover wick is suitable for reworking and repairing of circuit boards, benchtop repair and service, through-hole repair, and surface mount assembly touch-up.



Features & Benefits

Coated with RMA flux

Available in 1.0, 1.5, 2.0, 2.5 and 3.0 mm widths

Available in 1.5, 7.5 and 15 m lengths

ESD safe bobbins for 1.5 m size

NSF—nonfood compounds program listed

Economical

Properties

Flux Classification	R (Rosin) ROL0
Flux Percentage	<5%
Corrosion	Non-corrosive residue
Cleaning Requirements	Recommended
Shelf Life	10 y

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.

Available Packaging

Part #	Width	Length	ESD Safe	Label Color
423	0.04"	5'	Yes	White
424	0.06"	5'	Yes	Yellow
442	0.06"	25'	No	Yellow
452	0.06"	50'	No	Yellow
425	0.08"	5'	Yes	Green
443	0.08"	25'	No	Green
453	0.08"	50'	No	Green
426	0.10"	5'	Yes	Blue
444	0.10"	25'	No	Blue
454	0.10"	50'	No	Blue
427	0.12"	5'	Yes	Brown

400 Series



Application Instructions

Read the product SDS for more detailed instructions before using this product.

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.

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.

MG Chemicals 1210 Corporate Drive Burlington, Ontario, Canada L7L 5R6 ISO 9001:2015 Quality Management System SAI Global File: 004008
support@mgchemicals.com **North America** +(1) 800-340-0772 **International** +(1) 905-331-1396 **Europe** +44 1663 362888 10 September 2025 / Ver. 5.0.