



No-Clean Desoldering Braid

1814-1825

Desolder braid (wick) is pre-fluxed copper braid that is used to remove solder, which allows components to be replaced and excess solder to be removed. Techspray wick is available in static dissipative bobbins (except where indicated) for static sensitive environments.



No-clean flux coated braid -- cleanest in the industry!

Techspray NoClean wick does not leave behind ionic flux residues that can collect and form branches called "dendrites". Other fluxes, if not cleaned properly, can cause dendrites that grow over time (see A, B) and eventually cause short circuits between traces or leads (C). Latent failures lead to costly returns and lower the quality perception of your products.

Size chart:

Braid #	Color Code	Width (in)	Width (mm)
#1	White	0.035	0.9
#2	Yellow	0.055	1.4
#3	Green	0.075	1.9
#4	Blue	0.098	2.5
#5	Brown	0.130	3.3
#6	Red	0.193	4.9

- No-clean flux coated braid
- Cleanest wick -- clear, non-reactive residues
- Will not leave ionic residue -- avoid dendrite failure
- Exceeds MIL-F-14256, Type
- Anti-static spool (except where indicated)

Specifications:

- MIL-F-14256
- IPC Standard-J-STD-004



Product Packaging

1814-100F

No-Clean White #1 Braid
100ft (30.5M) long
1 units/case



1820-5F

No-Clean White #1 Braid - AS
5ft (1.5M) long
25 units/case



1820-10F

No-Clean White #1 Braid - AS
10ft (3M) long
25 units/case



1820-50F

No-Clean White #1 Braid - AS
50ft (15.2M) long
1 units/case



1815-5F

No-Clean Yellow #2 Braid
5ft (1.5M) long
25 units/case



1815-10F

No-Clean Yellow #2 Braid
10ft (3M) long
25 units/case



1815-100F

No-Clean Yellow #2 Braid
100ft (30.5M) long
1 units/case



1815-500F

No-Clean Yellow #2 Braid
500ft (152.4M) long
1 units/case



1821-5F

No-Clean Yellow #2 Braid - AS
5ft (1.5M) long
25 units/case



1821-10F

No-Clean Yellow #2 Braid - AS
10ft (3M) long
25 units/case



1821-25F

No-Clean Yellow #2 Braid - AS
25ft (7.6M) long
1 units/case



1821-50F

No-Clean Yellow #2 Braid - AS
50ft (15.2M) long
1 units/case



1816-5F

No-Clean Green #3 Braid
5ft (1.5M) long
25 units/case



1816-10F

No-Clean Green #3 Braid
10ft (3M) long
25 units/case



1816-50F

No-Clean Green #3 Braid
50ft (15.2M) long
1 units/case



1816-100F

No-Clean Green #3 Braid
100ft (30.5M) long
1 units/case





1816-500F

No-Clean Green #3 Braid
500ft (152.4M) long
1 units/case



1822-5F

No-Clean Green #3 Braid - AS
5ft (1.5M) long
25 units/case



1822-10F

No-Clean Green #3 Braid - AS
10ft (3M) long
25 units/case



1822-50F

No-Clean Green #3 Braid - AS
50ft (15.2M) long
1 units/case



1822-100F

No-Clean Green #3 Braid - AS
100ft (30.5M) long
1 units/case



1817-5F

No-Clean Blue #4 Braid
5ft (1.5M) long
25 units/case



1817-10F

No-Clean Blue #4 Braid
10ft (3M) long
25 units/case



1817-100F

No-Clean Blue #4 Braid
100ft (30.5M) long
1 units/case



1817-500F

No-Clean Blue #4 Braid
500ft (152.4M) long
1 units/case



1823-5F

No-Clean Blue #4 Braid - AS
5ft (1.5M) long
25 units/case



1823-10F

No-Clean Blue #4 Braid - AS
10ft (3M) long
25 units/case



1823-25F

No-Clean Blue #4 Braid - AS
25ft (7.6M) long
1 units/case



1823-100F

No-Clean Blue #4 Braid - AS
100ft (30.5M) long
1 units/case



1824-5F

No-Clean Brown #5 Braid - AS
5ft (1.5M) long
25 units/case



1824-25F

No-Clean Brown #5 Braid - AS
25ft (7.6M) long
1 units/case



1825-5F

No-Clean Red #6 Braid - AS
5ft (1.5M) long
25 units/case



Technical Information



Chemical Composition

CHEMICAL NAME	CAS #
Non-ionic flux mixture (Proprietary non-hazardous blend)	7440-50-8
Copper	

Performance & Application Data

Flux	Non-ionic Flux Mixture
Solids Content, Flux	<5% (per IPC-TM-650 2.3.34)
Solder Dip Test	12.7mm (0.5, -) minimum
Flux Induced Corrosion	No breakthrough or corrosion (per IPC-TM-650 2.3.32)
Presence of Halides in Flux	0% Cl, Br and F (per IPC-TM-650 2.3.33)
Determination of Acid Value of Liquid Solder	Acceptable range: 86-202 acid value, based on solids content of flux (per IPC-TM-650 2.3.35)
Surface Insulation Resistance Value	

Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

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