



# 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**





# TECHSPRAY

## Technical Data Sheet

### 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- |
| 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](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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#### Countries Outside US

Call to locate a distributor in your country.

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