



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





TECHSPRAY
Technical Data Sheet

<p>1816-500F No-Clean Green #3 Braid 500ft (152.4M) long 1 units/case</p> 	<p>1822-5F No-Clean Green #3 Braid - AS 5ft (1.5M) long 25 units/case</p> 	<p>1822-10F No-Clean Green #3 Braid - AS 10ft (3M) long 25 units/case</p> 	<p>1822-50F No-Clean Green #3 Braid - AS 50ft (15.2M) long 1 units/case</p> 
<p>1822-100F No-Clean Green #3 Braid - AS 100ft (30.5M) long 1 units/case</p> 	<p>1817-5F No-Clean Blue #4 Braid 5ft (1.5M) long 25 units/case</p> 	<p>1817-10F No-Clean Blue #4 Braid 10ft (3M) long 25 units/case</p> 	<p>1817-100F No-Clean Blue #4 Braid 100ft (30.5M) long 1 units/case</p> 
<p>1817-500F No-Clean Blue #4 Braid 500ft (152.4M) long 1 units/case</p> 	<p>1823-5F No-Clean Blue #4 Braid - AS 5ft (1.5M) long 25 units/case</p> 	<p>1823-10F No-Clean Blue #4 Braid - AS 10ft (3M) long 25 units/case</p> 	<p>1823-25F No-Clean Blue #4 Braid - AS 25ft (7.6M) long 1 units/case</p> 
<p>1823-100F No-Clean Blue #4 Braid - AS 100ft (30.5M) long 1 units/case</p> 	<p>1824-5F No-Clean Brown #5 Braid - AS 5ft (1.5M) long 25 units/case</p> 	<p>1824-25F No-Clean Brown #5 Braid - AS 25ft (7.6M) long 1 units/case</p> 	<p>1825-5F No-Clean Red #6 Braid - AS 5ft (1.5M) long 25 units/case</p> 

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 or visit our web site at: www.techspray.com.

North America

Techspray
P.O. Box 949
Amarillo, TX 79105
800-858-4043
Email: tsales@techspray.com

Europe

ITW Contamination Control
Saffierlaan 5
2132 VZ Hoofddorp
The Netherlands
+31 88 1307 400
Email: info@itw-cc.com

Countries Outside US

Call to locate a distributor in your country.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.

© 2015 Techspray, A Division of ITW



Techspray
8125 Cobb Center Drive,
Kennesaw, GA 30152
800-858-4043 • www.techspray.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Techspray:](#)

[1822-5F](#)