

CHEMTRONICS

Technical Data Sheet

TDS # SWick

Soder-Wick® Desoldering Braid

PRODUCT DESCRIPTION

Soder-Wick® offers the state of the art in desoldering technology. Soder-Wick® is designed for today's heat sensitive electronic components using lighter mass, pure copper braid construction that allows for better thermal conductivity, even at low temperatures. Soder-Wick® responds faster than conventional desoldering braids thereby minimizing overheating and preventing PCB damage. A full range of sizes and flux types are available, including Rosin, No Clean, unfluxed and a high temperature Lead-Free version. Whatever the requirement, Soder-Wick® has the answer.

- Requires little or no post solder cleaning
- No corrosive residues
- Optimized construction for faster wicking and heat transfer
- Halide free
- Minimizes the risk of heat damage to components and circuit boards

TYPICAL APPLICATIONS

Soder-Wick® desoldering braid safely removes solder from:

- Thru-hole Components
- SMT Pads and BGA Pads
- Micro Circuits
- Terminals
- Lugs and Posts
- Identification Script

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Flux Types:	Rosin Grade WW, Type "R" Patented No Clean High Temperature No Clean
Specifications:	ANSI/IPC J STD-004 MIL-F-14256 F
No Clean Flux Spec:	MIL-STD-883B Bellcore TR-NWT-000078 ANSI/IPC J SF818
Shelflife:	2 years

Size #	Width	Color	Width
	Inches		Metric
1	.030"	White	0.8mm
2	.060"	Yellow	1.5mm
3	.080"	Green	2.0mm
4	.110"	Blue	2.8mm
5	.145"	Brown	3.7mm
6	.210"	Red	5.3mm
BGA	-	Purple	-

STATIC DISSIPATIVE PACKAGING

Soder-Wick® SD is packaged on Static Dissipative bobbins in 5 and 10-foot lengths to minimize the risk of damage associated with static electricity. The static dissipative bobbins qualify as electrostatic discharge protective per MIL-STD-1686C and MIL-HDBK-263B, and meet the static delay rate provision of MIL-B-81705C.

USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

- 1) Choose a Soder-Wick[®] desoldering braid width equal to or slightly larger than the pad or connection.
- 2) Choose a solder iron tip equal to or slightly larger than the pad or connection.
- 3) Set temperature of iron between 600-750°F
- 4) Place wick on solder joint and place tip of hot iron on top of wick
- 5) As solder becomes molten, the color of the wick will change from copper to silver.
- 6) Remove wick and iron from solder joint simultaneously once color change has stopped.
- 7) The component lead / pad is now clean and free from solder.
- 8) Clip and discard the used portion of the wick.
- 9) If needed, clean PCB with CircuitWorks[®] Flux Remover Pen and remove soils with a ControlWipes[™] absorbent wipe.

SODER-WICK[®] IS DESIGNED TO MEET OR EXCEED THE FOLLOWING:

MIL-F-14256F, Type R
NASA-STD-8739.3
DOD-STD-883E, Method 2022
ANSI/IPC J STD-004, Type ROL0
BELLCORE TR-NWT-000078
ANSI/IPC J SF-818

SODER-WICK[®] SD BOBBINS ARE DESIGNED TO MEET OR EXCEED:

MIL-STD-2000A
MIL-B-81705C
MIL-STD-1686C
MIL-HDBK-263B

TECHNICAL & APPLICATION ASSISTANCE

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is: **1-800-TECH-401.**

AVAILABILITY

Series:

- 40 Soder-Wick[®] Lead-Free, SD Bobbin
- 50 Soder-Wick[®] Rosin
- 80 Soder-Wick[®] Rosin, SD Bobbin
- 60 Soder-Wick[®] No Clean, SD Bobbin
- 70 Soder-Wick[®] Unfluxed
- 75 Soder-Wick[®] Unfluxed, SD Bobbin

VacuPak[™] Packaging

The VacuPak Can contains ten five-foot bobbins in a vacuum sealed can. This package provides the highest level of cleanliness and freshness. Great for tool kit storage.

HELPFUL HINTS:

Water Soluble Users: Use Soder-Wick[®] Unfluxed **70** or **75** Series to dip in water soluble flux and then desolder normally.

Ball Grid Array: Use Soder-Wick[®] BGA with a large tipped iron to remove solder from a number of BGA pads all at once.

NOTE: This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS[®] does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

Chemtronics[®], Soder-Wick[®] and CircuitWorks[®] are registered trademarks of Chemtronics. All rights reserved. VacuPak[™] and ControlWipes[™] are trademarks of Chemtronics. All rights reserved.

Chemtronics
8125 Cobb Center Drive
Kennesaw, GA 30152
1-770-424-4888

REV. F (08/13)

DISTRIBUTED BY:

--

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Desoldering Braid / Solder Removal](#) category:

Click to view products by [Chemtronics](#) manufacturer:

Other Similar products are found below :

[532505-2](#) [T0054487199](#) [T0054486999](#) [T0053250699](#) [STDC-102](#) [T0054465499N](#) [T0054465299N](#) [51315200](#) [4036S](#) [6961](#) [9970](#) [9976](#)
[DS104](#) [DS115T](#) [DS117T](#) [DS204](#) [DS206](#) [DS60](#) [HE80](#) [MP132](#) [MP134](#) [MP135](#) [MP136](#) [MP137](#) [MP138](#) [MT6](#) [PTJ6](#) [UTC234](#) [C560-017](#)
[1811-5F](#) [1830-10F](#) [1824-5F](#) [50-3-100](#) [1813-5F](#) [1833-10F](#) [1810-25F](#) [1824-25F](#) [T0058768767](#) [0320705](#) [0320800](#) [0320903](#) [0321200](#)
[0321300](#) [0321400](#) [0321500](#) [0ICV2000AI](#) [10-50L](#) [40-4-10](#) [51314700](#) [51512599](#)