

CHEMTRONICS® Technical Data Sheet

TDS # SWNoClean

Soder-Wick® No Clean Desoldering Braid

PRODUCT DESCRIPTION

Soder-Wick® No Clean is designed to provide fast and safe desoldering without leaving behind harmful flux residues. Soder-Wick® No Clean uses pure, oxygen free copper braid and a patented flux technology to make an efficient and effective desoldering braid. Soder-Wick® No Clean SD is available on ESD safe bobbins for protection against damage due to static electricity.


- Requires little or no post solder cleaning
- No corrosive residues
- Halide free
- ESD Safe bobbins meet specs:
MIL-STD-1686C
MIL-HDBK-263B
Static decay provision of
MIL-B-81705C
- Minimal risk of heat and static component damage

TYPICAL APPLICATIONS

Soder-Wick® No Clean safely removes solder from:

- Lugs and Posts
- Micro Circuits
- Surface Mount Device Pads
- Ball Grid Array Pads

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

| Surface Insulation Resistance | | | |
|---|-------------------------------------|---|------------------------------------|
| Bellcore TR-NWT-000078 : PASS After 96 Hours (megohms) 2×10^4 Limit | | | |
| <u>Group A</u> 4.8×10^6 | <u>Group B</u> 3.8×10^6 | <u>Group C</u> 4.1×10^6 | |
| ANSI/IPC J SF-818 : PASS After 168 Hours (ohms) 1.8×10^8 Limit | | | |
| <u>1-2</u> 2.3×10^{10} | <u>2-3</u> 2.6×10^{10} | <u>3-4</u> 2.8×10^{10} | <u>4-5</u> 2.8×10^{10} |
| Electromigration : PASS Average Insulation Resistance (megohms)-One Decade Limit | | | |
| | <u>Initial</u> | <u>Final</u> | |
| Group E | 3.93×10^3 | 1.24×10^4 | |
| Group F | 3.87×10^3 | 2.84×10^4 | |
| At 10x magnification no evidence of electromigration or heavy corrosion. | | | |
| Silver Chromate Test Paper | | PASS | |
| Copper Mirror Test | | PASS | |
| Shelflife | | 2 years | |
| RoHS/WEEE Status | |  | |

SODER-WICK® NO CLEAN MEETS OR EXCEEDS:

MIL-F-14256F, Type R
DOD-STD-883E, Method 2022
Bellcore TR-NWT-000078
ANSI/IPC J SF-818

| Part # | Size Inches | Color | Size Metric |
|--------|-------------|--------|-------------|
| 1 | .030" | White | .76mm |
| 2 | .060" | Yellow | 1.52mm |
| 3 | .080" | Green | 2.03mm |
| 4 | .110" | Blue | 2.79mm |
| 5 | .145" | Brown | 3.68mm |
| 6 | .210" | Red | 5.33mm |
| BGA | - | Purple | - |

AVAILABILITY

| Part # | Size | Length | Part # | Size | Length |
|--------|------|--------|---------|------|--------|
| 60-1-5 | 1 | 5 | 60-1-10 | 1 | 10 |
| 60-2-5 | 2 | 5 | 60-2-10 | 2 | 10 |
| 60-3-5 | 3 | 5 | 60-3-10 | 3 | 10 |
| 60-4-5 | 4 | 5 | 60-4-10 | 4 | 10 |
| 60-5-5 | 5 | 5 | 60-5-10 | 5 | 10 |
| 60-6-5 | 6 | 5 | | | |

USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

- 1) Choose a Soder-Wick® No Clean 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 joint simultaneously once color change has stopped.
- 7) The component lead / pad is now clean and free from solder.
- 8) Clip and discard used portion of the wick.

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.**

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| VacuPak™ Packaging | Part # | Size |
|---|----------|------|
| 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. | SW16015 | 1 |
| | SW16025 | 2 |
| | SW16035 | 3 |
| | SW16045 | 4 |
| | SW16055 | 5 |
| | SW160BGA | BGA |

NOTE:

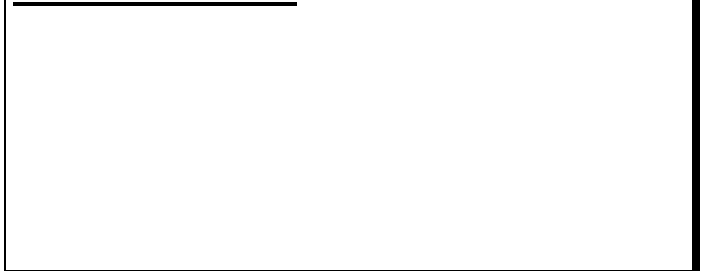
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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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