CHEMTRONICS®
Technical Data Sheet

TDS # CWik

Chem-Wik® Rosin

PRODUCT DESCRIPTION

Chem-Wik® Rosin is especially designed for today's heat sensitive electronic components. The lighter mass, pure copper braid construction allows for better thermal conductivity, even at low temperatures. Chem-Wik® Rosin responds as much as 50% faster than conventional desoldering braids. This design minimizes overheating and requires less "contact" pressure for greater operator control. All sizes are coated with a Type "R" organic flux system.

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

TYPICAL APPLICATIONS

Chem-Wik® Rosin desoldering braid safely removes solder from:

- Thru-hole Components
- Surface Mount Device Pads
- BGA Pads
- Micro Circuits
- Terminals
- Lugs and Posts
- Identification Script

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Chem-Wik® Rosin	
Flux Type:	Grade WW, Type "R"
Clean-up Required:	No
Military Specifications:	MIL-F-14256F
Shelf Life – 2 years from manufacturer date	
RoHS/WEEE Status	RoHS WEEE Compliant

Part #	Size Inches	Size Metric
2-5L	.030"	.76mm
5-5L	.050"	1.27mm
7-5L	.075"	1.91mm
10-5L	.100"	2.54mm

STATIC DISSIPATIVE PACKAGING

Static Dissipative packaging is available on all 5 foot bobbins. The static dissipative bobbins qualify as electrostatic discharge protective per DOD Standard 1686 and DOD Handbook 263. Meets the static delay rate provision of MIL-B-81705C.

USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

1) Choose a Chem-Wik® desoldering braid width equal to or slightly larger than the pad or connection.
2) Choose a solder iron tip equal to or slightly smaller 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 is now clean and free from solder.
8) Clip and discard the used portion of the wick.

AVAILABILITY

Width	Color Code	5 ft. Bobbin	25 ft. Spool	50 ft. Spool	100 ft. Spool	500 ft. Spool
.030”	White	2-5L	2-25L	2-50L	2-100L	2-500L
.050”	Yellow	5-5L	5-25L	5-50L	5-100L	5-500L
.075”	Green	7-5L	7-25L	7-50L	7-100L	7-500L
.100”	Blue	10-5L	10-25L	10-50L	10-100L	10-500L

Chem-Wik®Rosin is designed to meet or exceed the following standards:

MIL-F-14256F, Type R
MIL-STD-2000A
MIL-B-81705C
NASA NHB5300.4(3A)
NASA SP-5002
NASA NPC200-4
IPC SF-818
DOD Handbook 263
DOD Standard 1686
BELLCORE TR-NWT-00078

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.

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.

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