

CHEMTRONICS[®]

Technical Data Sheet

TDS # CWR

Chem-Wik[®] Rosin & Chem-Wik[®] Rosin SD

PRODUCT DESCRIPTION

Chem-Wik[®] Rosin and Rosin SD are especially designed for today's heat sensitive electronic components. Their lighter mass, pure copper braid construction allows for better thermal conductivity, even at low temperatures. Chem-Wik[®] Rosin and Rosin SD respond to 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 & Rosin SD 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 & Chem-Wik [®] Rosin SD	
Flux Type: "R"	Grade WW, Type
Clean-up Required:	No
Military Specifications:	MIL-F-14256F

Part #	Size Inches	Size Metric
2-5L	.030"	.76mm
5-5L	.050"	1.27mm
7-5L	.075"	1.91mm
10-5L	.100"	2.54mm
15-5L	.150"	3.81mm
19-5L	.190"	4.83mm

STATIC DISSIPATIVE PACKAGING

Static Dissipative packaging is available on 5 and 10 foot bobbins. The SD 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 joint simultaneously once color change has stopped.
- 7) The component lead is now clean and free from solder.
- 8) Clip and discard used portion of the wick.

AVAILABILITY

Width	Color Code	5 ft. Bobbin	SD 5 ft. Bobbin	10 ft. Bobbin	SD 10 ft. Bobbin	25 ft. Spool	50 ft. Spool	100 ft. Spool	500 ft. Spool
.030"	White	2-5L	2-5SD	2-10L	2-10SD	2-25L	2-50L	2-100L	2-500L
.050"	Yellow	5-5L	5-5SD	5-10L	5-10SD	5-25L	5-50L	5-100L	5-500L
.075"	Green	7-5L	7-5SD	7-10L	7-10SD	7-25L	7-50L	7-100L	7-500L
.100"	Blue	10-5L	10-5SD	10-10L	10-10SD	10-25L	10-50L	10-100L	10-500L
.150"	Brown	15-5L	15-5SD	15-10L	15-10SD	15-25L	15-50L	15-100L	15-500L
.190"	Red	19-5L	19-5SD	19-10L	19-10SD	19-25L	19-50L	19-100L	19-500L

Chem-Wik[®] Rosin & Rosin SD are designed to meet or exceed:

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

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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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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