

ALPHA[®] 9-LV PASTE FLUX

RMA Paste Flux

DESCRIPTION

ALPHA 9-LV paste flux can be used for touch up or rework in conjunction with the use of Alpha RMA solder pastes. **ALPHA 9-LV** meets the requirements of J-STD-004.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES AND BENEFITS

- Global Availability through local ALPHA sales and distribution locations

APPLICATION GUIDELINES

Formulated for standard printing through stencil apertures. Suitable for use across a wide variety of process settings.

TECHNICAL DATA

Category	Results
Chemical, Electrical, and Physical Properties	
Color	Amber
Specific Gravity (g/cc)	0.96
Viscosity (Spiral/Malcolm), 5 RPM @ 25 °C	370 Typical
Acid Number	97 to 107
Corrosivity, Copper Mirror	NA
Water Content	0.2% Max

REFLOW PROFILES

Clean, dry air or nitrogen atmosphere. A straight ramp profile at 0.8 to 1.2 °C per second ramp rate is recommended. High-density assemblies may require preheating within the profile and maybe accomplished as follows:

Ramp @ 60 to 120 °C/min to 145 to 160 °C.

Dwell @ 145 to 160 °C for 0.5 to 2.0 minutes.

Ramp @ 1 to 2 °C/sec to 210 to 225 °C peak temperature. Time above 183 °C, 45 to 70 seconds.

Ramp down to R. T. @ 1.5 to 2.0 °C/sec.

AVAILABILITY

ALPHA 9-LV Paste Flux is available in 30cc syringes, 100 and 125-gram jars, and 6" cartridges.

RECYCLING SERVICES

We provide safe and efficient recycling services to help companies meet their environmental and legislative requirements and at the same time, maximize the value of their waste streams.

Our service collects solder dross, solder scrap, and various forms of solder paste waste. Please contact your local sales representative for recycling capabilities in your area or [link here](#).



SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available at MacdermidAlpha.com/assembly-solutions/knowledge-base.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact
Assembly@MacDermidAlpha.com
www.macdermidalpha.com

<p>North America 109 Corporate Blvd. South Plainfield, NJ 07080, USA 1.800.367.5460</p>	<p>Europe Unit 2, Genesis Business Park Albert Drive Woking, Surrey, GU21 5RW, UK 44.01483.758400</p>	<p>Asia 8/F., Paul Y. Centre 51 Hung To Road Kwun Tong, Kowloon, Hong Kong 852.3190.3100</p>
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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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