

ALPHA[®] LR-721 H2 PASTE FLUX

No-Clean Paste Flux

DESCRIPTION

ALPHA LR-721 H2 is a no-clean flux with transparent, non-tacky residue. It can be used for a wide range of applications such as through-hole soldering and ball grid array (BGA) assemblies.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

PRODUCT INFORMATION

<u>Packaging Sizes:</u>	100 gram jar & 30cc syringe
<u>Lead Free:</u>	Complies with RoHS Directive EU/2015/863
<u>Halide Content:</u>	Halide-Free

APPLICATION GUIDELINES

After ALPHA LR-721 H2 flux is applied to the joint, soldering can be done easily with static solder pot, wave soldering or reflow ovens. Although designed as a no clean flux system, the residue may be cleaned with ALPHA 564FE.

TECHNICAL DATA

Category	Results	Procedure/Remarks
Chemical Properties		
Ag Chromate Test	PASS	
Copper Mirror Test	PASS	
Copper Corrosion Test	PASS	
Electrical Properties		
SIR (IPC 7 days @ 85 °C /85% RH)	PASS , 3 x 10 ⁹ ohm	Criteria: ≥ 1 x 10 ⁸ ohm
Physical Properties		
Color	Colorless to Light Yellow Viscous Flux	
Fineness of Grind	<10 µm	
Stencil Life (@ 20 to 25 °C / 40 to 60% RH)	8 hours	

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.**

STORAGE

The paste flux should be stored in sealed containers and need not be refrigerated. Shelf life of unopened containers at room temperature (19 to 25 °C / 66 to 77 °F) is 6 months from the manufacturing date. If the material has been chilled, the container should be allowed to reach room temperature before opening in order to prevent moisture condensation from ambient air onto the flux.

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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