

ALPHA[®] SYNALOW

Halide-Free, Halogen-Free Cored Solder Wire

DESCRIPTION

ALPHA Synalow is a halide-free, halogen-free, low-residue, and synthetic resin cored solder wire designed specifically for hand-soldering operations of assemblies previously wave soldered using low solids synthetic fluxes. The synthetic flux system leaves only small amounts of clear non-corrosive residues. This residue is safe to leave on PCB's while passing all standard specifications for corrosion and surface insulation resistance.

The residues are not designed to be removed in any solvent or aqueous cleaning systems.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

TECHNICAL DATA

Category	Results	Procedure/Remarks
Physical Properties		
Flux Content	1.4% wt/wt	
Acid Value	~315 mgKOH/gm	
Reliability Test		
Corrosion Test	PASS	BS5625
Corrosion Test S.I.R.	PASS	6.0 X 10 ⁴ Mohm @ 21 days

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

ALPHA Cored Solder Wires should be stored in dry conditions and within a temperature range of 0 to 40°C. Alpha guarantees the product shelf life for 3 years from the date of manufacture when stored in the recommended conditions.

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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