

GLOW CORE NC WIRE SOLDER

FEATURES

- Fast Wetting
- Pleasant Odor
- Clear Residue
- Extends Solder Tip Life
- ROL0 per IPC J-Std-004
- Passes BONO Testing

DESCRIPTION

Glow Core is a no-clean cored wire solder designed to offer excellent wetting characteristics with leaded alloys. The novel activator in Glow Core produces fast cycle time and powerful capillary action. Glow Core promotes thermal transfer, offering better solder penetration into plated through holes or surface mount interconnections. Glow Core cored wire produces low-to-medium post-process residues that are electrically safe that do not require cleaning.

STANDARD AVAILABILITY

Glow Core is available in Sn/Pb alloys. Other alloys may be available upon request.

APPLICATION

Best results are obtained with solder iron tip temperature between 300° - 400°C (575° - 750°F) for leaded alloys.



HANDLING & STORAGE

Time	Parameters
7 Years	< 85°F (< 29°C)

Store cored wire in a clean, dry area away from moisture and sunlight. Do not freeze this product.

CLEANING

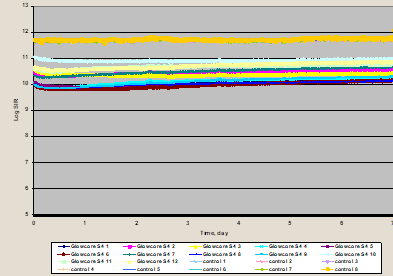
Glow Core can be cleaned with saponified wash and many commercially available flux removers. Contact AIM for specific information.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.

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TEST DATA SUMMARY

Name	Test Method	Typical Results	Image
IPC Flux Classification	J-STD-004	ROL0	
Copper Mirror	J-STD-004 3.4.1.1 IPC-TM-650 2.3.32	LOW	
Corrosion	J-STD-004 3.4.1.2 IPC-TM-650 2.6.15	PASS	
Qualitative Halides, Silver Chromate	J-STD-004 3.5.1.1 IPC-TM-650 2.3.33	PASS	
Qualitative Halides, Fluoride Spot	J-STD-004 3.5.1.2 IPC-TM-650 2.3.35.1	No fluoride	
Surface Insulation Resistance	J-STD-004 3.4.1.4 IPC-TM-650 2.6.3.7	All measurements on all test patterns exceed the 100MΩ	
Acid Value Determination	J-STD-004 3.4.2.2 IPC-TM-650 2.3.13	162.02mg KOH/g flux	
Flux Spreading	J-STD-004 3.7.2 IPC-TM-650 2.6.14.1	PASS	
Spread	J-STD-004 3.7.2 IPC-TM650 2.4.46	PASS	

*All information for reference only. Not to be used as incoming product specifications or for process design. Consult Certificate of Analysis for product specific information.

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