

NC209AXT NO CLEAN CORED WIRE

FEATURES

- Clear, Hard Residues
- Halide-Free
- Cleanable with Saponifier
- REL0 per J-STD-004

DESCRIPTION

NC209AXT is a no-clean resin-based flux cored wire formulated to promote thermal transfer, fast wetting and low fumes. NC209AXT cored wire produces low-to-medium post-process residues that do not require cleaning. NC209AXT can be used as a drop-in for any RMA type applications.

STANDARD AVAILABILITY

NC209AXT Cored Wire is available in Sn/Pb, Sn/Cu, SAC and SN100C[®] alloys. Other alloys, diameters and spool sizes may be available upon request.

Diameter	Spool Size
.010	½ lb.
.015	½ lb.
.020	1 lb.
.032	1 lb.
.040	1 lb.
.050	1 lb.
.062	1 lb.



APPLICATION

Best results are obtained with solder iron tip temperature between 300° - 400°C (575° - 750°F) for leaded alloys and 370° - 425°C (700° - 800°F) for lead-free alloys. If additional flux is required AIM NC280 flux is recommended.

HANDLING & STORAGE

Time	Temperature
Indefinite	Proper Storage Conditions

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


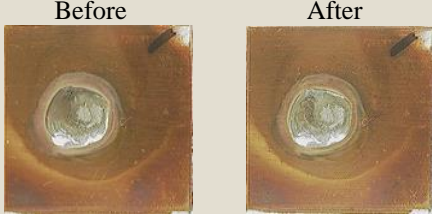

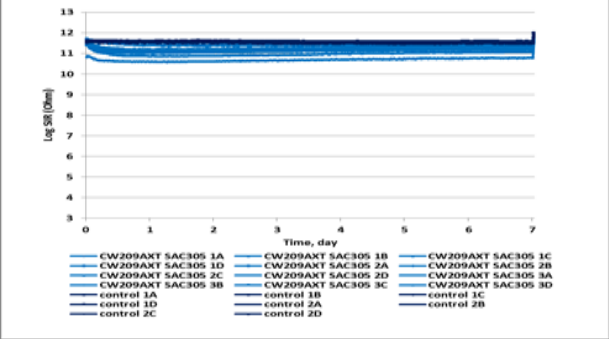
CLEANING

NC209AXT 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.

TEST DATA SUMMARY

Name	Test Method	Results	
IPC Flux Classification	J-STD-004	RELO	
Name	Test Method	Results	Image
Copper Mirror	J-STD-004B 3.4.1.1 IPC-TM-650 2.3.32	LOW	
Corrosion	J-STD-004B 3.4.1.2 IPC-TM-650 2.6.15	PASS	
Qualitative Halides, Silver Chromate	J-STD-004B 3.5.1.1 IPC-TM-650 2.3.33	PASS	
Qualitative Halides, Fluoride Spot	J-STD-004B 3.5.1.2 IPC-TM-650 2.3.35.1	PASS	
Surface Insulation Resistance	J-STD-004B 3.4.1.4 IPC-TM-650 2.6.3.7	PASS	
Flux Solids, Nonvolatile Determination	J-STD-004B 3.4.2.1 IPC-TM-650 2.3.34	100% Typical	
Acid Value Determination	J-STD-004B 3.4.2.2 IPC-TM-650 2.3.13	141mg KOH / g Flux Typical	
Visual	J-STD-004B 3.4.2.5	Beige Solid	
Wetting	J-STD-005A 3.9 IPC-TM-650 2.4.45	PASS	