

ANDREX INC	Material Specification		
	NUMBER AX-124	REV C	SHEET 1 of 3

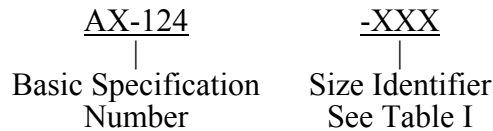
TITLE: Wire, Nonferrous, Copper, Round, Brazing Alloy Alloy UNS C10200	WRITTEN BY: J.B. 12/22/89
	ENG APPROVAL: J.B. 12/22/89
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<u>Revision</u>	<u>Description</u>	<u>Date</u>	<u>Approved</u>
-	Release to Production	12/22/89	J.B.
A	ECN-H176: Revised to add dash numbers for each size.	01/26/99	W.M.B.
B	ECN-H245: Added -008 size	08/29/02	W.M.B.
C	ECN-H300: Added -013 size	10/03/05	F.R.L.

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1. SCOPE.

- 1.1 Scope. This specification defines the requirements for round copper wire for use in the production of strip wound conduit.
- 1.2 Classification. Part Numbers under this specification are coded as follows:



2. APPLICABLE DOCUMENTS.

This section does not apply to this specification.

3. REQUIREMENTS.

Material shall be copper per UNS C10200 as specified herein.

3.1 Chemical Analysis Requirements:

Per AMS 4701

3.2 Physical Analysis Requirements:

Tensile Strength: 30,000 psi min
 Temper: Soft
 Size: As specified in Table I

TABLE I

Size Identifier	Diameter
-007	.00700 ±.00025
-008	.00800 ±.00025
-013	.01300 ±.00025

3.3 Material Workmanship:

Wire shall be clean, smooth, free from defects or surface imperfections and carefully coiled without kinks.

4. QUALITY ASSURANCE PROVISIONS.

- 4.1 Quality Assurance shall be responsible for inspection of material upon receipt of each lot for conformance to this specification, or unless otherwise specified by any requirements stated on the lot's specific purchase order.

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5. PREPARATION FOR DELIVERY.

5.1 Spooling Requirements:

Material shall be furnished on spools having 5/8" I.D. Bore and 4-7/8" O.D. flange, 3" barrel diameter, 4" overall width and 3-1/2" traverse. Net weight should be 3.0-7.0 lbs. per spool. Material shall be continuous and unspliced.

5.2 Packaging and Marking:

Packing shall be adequate to protect the spools and wire from contamination and physical damage during shipment. Each spool shall be plainly marked with material identification, wire diameter, shipping date, weight and name of manufacturer. Packaging shall be adequate to insure spooling integrity during shipment.

5.4 Certification:

Certificate of Compliance and Analysis Test Reports must accompany each shipment.

6. NOTES.

6.1 Ordering Information: Purchase orders should specify the following:

- a. Part Number including size identifier (see 1.2)
- b. Description
- c. Quantity, total poundage.
- d. Delivery Date