

1.0 SCOPE

1.1 THIS SPECIFICATION DEFINES BRAID, WIRE TIN COATED COPPER, TUBULAR.

1.2 UNLESS OTHERWISE SPECIFIED HEREON, BRAID SHALL BE IN ACCORDANCE WITH FEDERAL SPECIFICATION QQ-B-575.

1.3 SUGGESTED SOURCE(S) OF SUPPLY ARE AS FOLLOWS:

ALPHA WIRE CORP
ELIZABETH, NJ
CODE IDENT 92194

DABURN ELECTRONICS AND CABLE CORP
MORWOOD, NJ
CODE IDENT 25706

DEARBORN WIRE AND CABLE
ROSEMONT, IL
CODE IDENT 28105

1.4 IDENTIFICATION OF THE SOURCE(S) OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM(S)

2.0 APPLICABLE DOCUMENTS

QQ-B-575 BRAID, WIRE
MIL-STD-130 IDENTIFICATION MARKING

3.0 REQUIREMENTS

3.1 FOR DIMENSIONS AND CONFIGURATION SEE TABLE I

3.2 IDENTIFICATION OF PRODUCT

3.2.1 MARKING OF SPOOLS OR REELS - IN ADDITION TO THE MARKING REQUIREMENTS OF MIL-C-12000, EACH SPOOL AND REEL SHALL BE MARKED WITH THE FOLLOWING INFORMATION:

- A ITEM IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130
- B LENGTH OF BRAID ON SPOOL OR REEL
- C DATE OF MANUFACTURE

AESD10401-F REV (4-74)

GENERAL ELECTRIC
AESD • UTICA, N.Y.

SIZE	CODE IDENT NO.
A	99971

7060975

SCALE	REV. C	SHEET 2
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D1510


PT NO REF	CONSTRUCTION			NOM CIRCULAR MILS	CURRENT CARRYING CAPACITY AMPS 2/
	STRAND WIRE SIZE AWG	NUMBER OF CARRIERS	NUMBER OF ENDS		
1	36	24	24	600	7.0
2	36	24	48	1200	11.0
3	36	24	72	1800	16.0
4	36	24	96	2400	19.0
5	36	24	120	3000	25.0
6	36	24	240	6000	40.0
7	36	24	168	4200	32.0
8	34	24	192	7630	46.0
9	36	24	384	9600	53.0
10	30	24	120	12060	60.0
11	36	48	384	9600	53.0
12	30	24	240	24120	90.0
13	36	48	528	13200	62.0
14	36	24	312	7800	46.0
15	30	48	576	57775	165.0

1/ NOT AVAILABLE

2/ VALUES BASED ON COPPER IN FREE AIR AT 65°F AND INTENDED AS A GUIDE ONLY

AESD1061-F REV (4-74)

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	SCALE	REV. C	SHEET 4 -



PT NO	VENDORS ITEM IDENT NO.			NOM I.D. WHEN ROUNDED	APPROX AWG EQUIV
	ALPHA	DABURN	DEARBORN		
1	2160	2350-1/32	92160	1/32	22
2	2162	2350-1/16	92162	1/16	19
3	2163	2350-5/64	92654	5/64	18
4	2164	2350-7/64	92164	7/64	16
5	2166	2350-1/8	92166	1/8	15
6	2167	2350-5/32	92167	5/32	12
7	2168	2350-11/64	92168	11/64	14
8	2170	N/A <u>1/</u>	92170	13/64	11
9	2171	2350-1/4	92171	1/4	10
10	2171/1	2350-9/32	N/A <u>1/</u>	9/32	9
11	2172	2350-3/8	92172	3/8	10
12	2173	2350-7/16	N/A <u>1/</u>	7/16	6
13	2174	2350-1/2	92174	1/2	9
14	N/A <u>1/</u>	2350-13/64	N/A <u>1/</u>	13/64	11
15	2182	2350-1 1/2	92182	1-1/2	2

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SCALE REV. C SHEET 3