

J-W-1177A/GEN  
 AMENDMENT 2  
30 August 1985  
 SUPERSEDING  
 INT. AMENDMENT 1 (NAVY-SH)  
 26 March 1982

FEDERAL SPECIFICATION

WIRE, MAGNET, ELECTRICAL

This amendment, which forms a part of J-W-1177A/GEN, dated 27 September 1976, is approved by the Assistant Administrator, Office of Federal Supply and Services, General Services Administration, for the use of all Federal Agencies.

PAGE 3

2.1, under "Federal Specifications": Delete reference to "QQ-S-781".

PAGE 26

5.1.1, line 4: After "table XVII", add "or table XVII-A".

PAGE 27

Table XVII: Delete and substitute:

"TABLE XVII. Weights of round wire per spool or reel  
(AWG 13 and larger and 31 through 46).

Wire (AWG) sizes	Film build <sup>1/</sup>	Net weight, lbs		Minimum flange clearance (inches)	Reel size (inches)
		Nominal	Min		
13 and larger	2	200	175	1-1/2	24
31 - 41	1, 2	8	6	1/4	6
42 - 46	1, 2	1.25	1	3/16	3

<sup>1/</sup> 1 - single, 2 - heavy, 3 - triple film thickness."

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FSC 6145

Add as new table XVII-A:

**"TABLE XVII-A. Weights of round wire per containerized tapered spool (AWG 14 through 30).**

Wire (AWG) sizes	Film build <sup>1/</sup>	Net weight, lbs		Minimum flange clearance (inches)	Reel size (inches)
		Nominal	Min		
14 - 20	1, 2	90	75	1/2	10/11 x 12
14 - 20	3	85	70	1/2	10/11 x 12
21 - 23	1, 2	85	70	1/2	10/11 x 12
21 - 23	3	75	60	1/2	10/11 x 12
24 - 26	1, 2	80	65	1/2	10/11 x 12
24 - 26	3	75	55	1/2	10/11 x 12
27 - 30	1, 2	75	60	1/2	10/11 x 12
27 - 30	3	60	45	1/2	10/11 x 12

<sup>1/</sup> 1 - single, 2 - heavy, 3 - triple film thickness."

5.1.1.1, first sentence: Delete and substitute: "Magnet wire (AWG 31 and smaller) on spools in the quantity specified in table XVII shall be individually packaged in accordance with method III of MIL-P-116."

5.1.1.2: Delete and substitute:

"5.1.1.2 Reels. Magnet wire (AWG 13 and larger) on reels in quantities specified in table XVII shall be individually packaged in accordance with method III of MIL-P-116. Each reel of wire shall be overwrapped with a V35 fiberboard conforming to PPP-B-636 and secured with plastic banding around the girth of the reel."

Add as new paragraph 5.1.1.3:

"5.1.1.3 Containerized tapered spool. Magnet wire (AWG 14 through 30) in quantities specified in table XVII-A shall be uniformly and compactly wound on tapered spools having flange diameters of approximately 10 inches and 11 inches with a transverse of 12 inches. Each spool of wire shall then be placed in a snug fitting fiberboard box conforming to PPP-B-636, class domestic and designed so that the wire can be dereeled without removal of the spool from the box."

## AMENDMENT 2

- \* DD Form 1426 STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL: Delete address and substitute:

"COMMANDER  
 NAVAL SEA SYSTEMS COMMAND (SEA 5523)  
 DEPARTMENT OF THE NAVY  
 WASHINGTON, DC 20362"

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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