

INCH-POUND

MIL-W-76D
AMENDMENT 1
6 February 2003

MILITARY SPECIFICATION

WIRE AND CABLE, HOOKUP, ELECTRICAL, INSULATED
GENERAL SPECIFICATION FOR

This amendment forms part of MIL-W-76D, dated 21 September 1992, and is approved for use by all Departments and Agencies of the Department of Defense.

MIL-W-76D is inactive for new design and is no longer used, except for replacement purposes.

PAGE 3

2.1.1, SPECIFICATIONS, FEDERAL, Delete the following:

- | | | |
|-----------|---|--|
| "L-P-390 | - | Plastic, Molding and Extrusion Material, Polyethylene and Copolymers (Low, Medium, and High Density)." |
| "QQ-S-571 | - | Solder: Tin Alloy, Tin-Lead Alloy, and Lead Alloy; Flux-Cored Ribbon and Wire, and Solid Form." |
| "QQ-W-343 | - | Wire, Electrical, Copper (Uninsulated)." |

2.1.1, SPECIFICATIONS, FEDERAL, Add the following:

- | | | |
|------------|---|--|
| "A-A-59551 | - | Wire, Electrical, Copper (Uninsulated)." |
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2.1.1, STANDARDS, FEDERAL, Delete the following:

- | | | |
|-----------------------------|---|--------------------------------|
| "FED TEST METHOD STD NO 406 | - | Plastics: Methods of Testing." |
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2.1.1, STANDARDS, MILITARY, Delete the following:

- | | | |
|--------------|---|---|
| "MIL-STD-105 | - | Sampling Procedures and Tables for Inspection by Attributes." |
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Before "3. REQUIREMENTS," add the following:

"2.3 Non-Government publications. The following document form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the document which are DoD adopted are those listed in the issue of the DoDISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DoDISS are the issues of the documents cited in the solicitation (see 6.2).

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ASTM International (ASTM)

- ASTM D150 - Standard Test Methods for AC Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation.
- ASTM D4976 - Standard Specification for Polyethylene Plastics Molding and Extrusion Materials.

(Application for copies should be addressed to the ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania, USA 19428-2959.)

THE INSTITUTE FOR INTERCONNECTING AND PACKAGING ELECTRONIC CIRCUITS (IPC)

- J-STD-006 - Requirements for Electronic Grade Solder Alloys and Fluxed and Non-Fluxed Solid Solders for Electronic Soldering Applications.

(Application for copies should be addressed to The Institute for Interconnecting and Packaging Electronic Circuits, 2215 Sanders Road, Northbrook, IL 60062-6135.)"

3.2.1(a), line 2: Delete "QQ-W-343" and substitute "A-A-59551."

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3.2.1, paragraph after (b), line 6: Delete "QQ-W-343" and substitute "A-A-59551."

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3.3.4, line 5: Delete "QQ-S-571" and substitute "J-STD-006."

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3.3.5.2, lines 3 and 4: Delete "type II, class L, grade 3 of Specification L-P-390" and substitute "group 2, class 1, grade 3 of ASTM D4976."

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3.6, last line: Delete "QQ-W-343" and substitute "A-A-59551."

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Table X, 3rd column: Delete "QQ-W-343" (two places) and substitute "A-A-59551," delete "QQ-S-571" and substitute "J-STD-006," and delete "L-P-390" and substitute "ASTM D4976."

4.3.3, Delete and substitute:

"4.3.3 Group A inspection. Group A inspection shall consist of the examinations and tests specified in Table XI. Sampling shall be in accordance with Table XIIA."

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4.3.4.1, line 2: Delete "MIL-STD-105, level S-2" and substitute "Table XIIA."

Following 4.3.4.1, add the following table:

"TABLE XIIA. Inspection sample.

Inspection lot size <u>1/</u>	Accept on zero sample size
1	1
2 to 8	2
9 to 90	3
91 to 150	12
151 to 280	19
281 to 500	21
501 to 1,200	27
1,201 to 3,200	36
3,201 to 10,000	38
10,001 to 35,000	46

1/ Lot size is based on the number of
units of product"

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4.4.13, line 9: Delete "method 4021 of FED-STD-406" and substitute "ASTM D150."

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - SH
Air Force - 11
DLA - CC

Preparing activity:

DLA - CC

(Project 6145-2333)

Review activities:

Army - CR4, EA, MI
Navy - OS