

**INCH-POUND**

MIL-I-22129C

AMENDMENT 2

30 August 1989

SUPERSEDING

AMENDMENT 1

18 February 1965

## MILITARY SPECIFICATION

INSULATION TUBING, ELECTRICAL  
POLYTETRAFLUOROETHYLENE RESIN, NONRIGID

This amendment forms a part of Military Specification MIL-I-22129, dated 15 May 1962, and is approved for use by all Departments and Agencies of the Department of Defense.

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\* 3.1.3, delete and substitute:

"3.1.3 Color. The tubing shall be supplied in colors designated in Table V. The color shall be specified in the part or identifying number (PIN) (see 6.3). Colored tubing shall conform to the requirements of Class 1 of MIL-STD-104. Natural tubing can vary from translucent to opaque white."

\* Table V, add:

TABLE V

| Designator | Color  | Designator | Color  | Designator | Color   |
|------------|--------|------------|--------|------------|---------|
| 0          | Black  | 4          | Yellow | 8          | Gray    |
| 1          | Brown  | 5          | Green  | 9          | White   |
| 2          | Red    | 6          | Blue   | N          | Natural |
| 3          | Orange | 7          | Violet |            |         |

\* 3.3.2, delete and substitute:

"3.3.2 Inside diameters and wall thicknesses. Tubing shall be furnished in the standard inside diameters and wall thicknesses shown in table III as specified by the AWG size in part or identifying number (PIN) (see 6.3)."

AMSC N/A

FSC 5970

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4.1, delete and substitute:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements."

Table III, under inside diameter (inches): Opposite size 20, delete ".039" and ".040" and substitute ".032" and ".039", respectively and opposite size 19 delete ".043" and substitute ".036".

Table III, delete the following:

"8 : .120 : .130 : .016 : .024 : .020"  
"2 : .250 " .260 : .016 : .024 : .020".

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\* 6.2 (a), delete and substitute:

"(a) Title, number, date of this specification, and part number  
(see 6.3).

\* 6.2 (b), delete.

\* 6.2 (c)(3), delete.

\* 6.2 (c)(4), delete.

\* 6.3, add.

"6.3 Part or Identifying Number (PIN) The PIN to be used for tubing acquired to this specification is created as follows:

|               |   |           |   |          |
|---------------|---|-----------|---|----------|
| <u>M22129</u> | - | <u>08</u> | - | <u>N</u> |
| Basic number  |   | AWG Size  |   | Color    |
| of MIL Spec   |   | Table III |   | Table V  |
|               |   | (3.3.2)   |   | (3.1.3)" |

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The margins of this amendment are marked with an asterisk or vertical lines 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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