

[INCH-POUND]
A-A-59178
April 9, 1998
SUPERSEDING
MS25171C
May 19, 1959

COMMERCIAL ITEM DESCRIPTION

NIPPLE, ELECTRICAL TERMINAL

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

1. **SCOPE.** This commercial item description (CID) covers silicone rubber electrical terminal nipples used to protect electrical terminals from the elements.

2. **CLASSIFICATION.** The nipples shall be of the sizes shown in figure 1. The size to be furnished shall be as specified (see 7.2(b)).

3. SALIENT CHARACTERISTICS

3.1 General requirements. The electrical terminal nipple shall be manufactured from silicone rubber to the dimensions shown in figure 1. The silicone rubber shall conform to the requirements of Society of Automotive Engineers (SAE) AMS 3302. The manufacturer's identification and part number shall be legibly molded on each nipple.

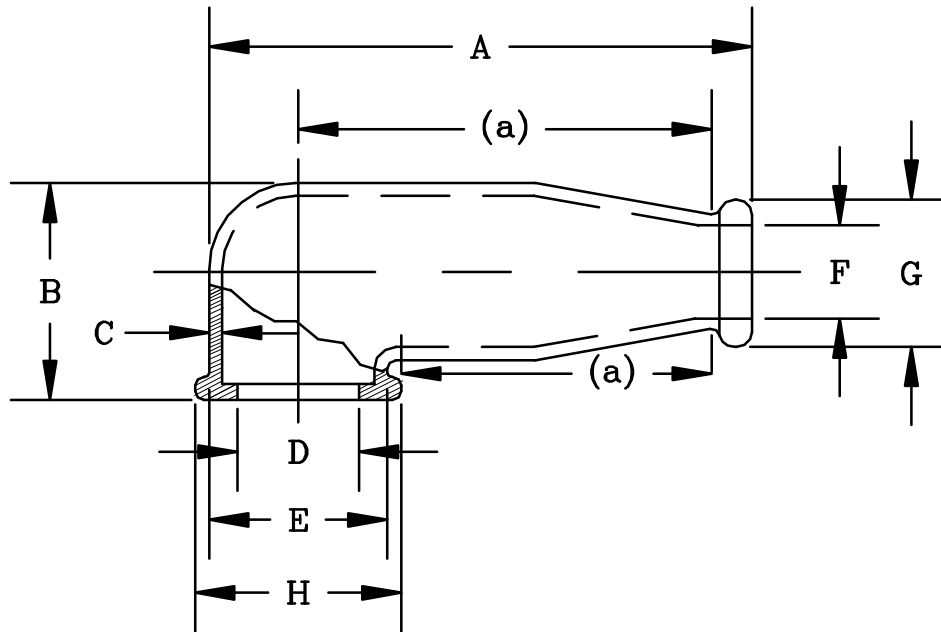
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AMSC N/A

FSC 5975

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(a) Contour within these limits may vary to suit individual manufacturer's design.

Size	A (Maximum)	B (Length)	C (Thickness)	D (Diameter)	E (Diameter)	F (Diameter)	G (Diameter)	H (Diameter)
1	1.38	0.56	.06	0.40	0.63	0.16	0.41	0.76
2	2.50	1.0	.06	0.56	0.82	0.31	0.56	0.95
3	2.50	1.0	.06	0.56	0.82	0.43	0.68	0.95
4	2.50	1.0	.06	0.56	0.82	0.56	0.82	0.95

All dimensions in inches.

Tolerances $\pm .02$.

FIGURE 1. Electrical terminal nipple dimensions.

4. REGULATORY REQUIREMENTS

4.1 Recovered materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. QUALITY ASSURANCE PROVISIONS

5.1 Product conformance. The products shall meet the salient characteristics of this commercial item description, conform to the manufacturer's own drawings, specifications, standards, and

quality assurance practices, and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

6. **PACKAGING.** Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES

7.1 Sources of documents.

7.1.1 Government documents. Copies of Federal documents may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

7.1.2 Non-government documents. Copies of industry standards referenced in this CID may be obtained from the following addresses:

Society of Automotive Engineers, Inc. (SAE)

AMS 3302 Silicone Rubber, General Purpose, 50 Durometer

Applications for copies should be sent to Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

American Society for Testing and Materials (ASTM)

ASTM D3951 Standard Practice for Commercial Packaging

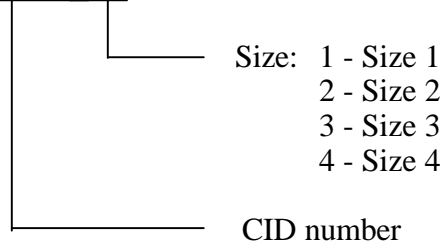
Applications for copies should be sent to American Society of Testing and Materials, 100 Barr Harbor Drive, West Conshocken, PA 19428-2959.

7.2 Ordering data. Acquisition documents must specify the following:

- a. Title, number, and date of this document.
- b. Size of nipple required (see 2).
- c. Packaging requirements, specify (see 6).

7.3 Part identification number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.

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MILITARY INTERESTS:

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DLA-GS

(Project 5975-1207)