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INCH-POUND

A-A-55809B
1 February 2007
SUPERSEDING
A-A-55809A
7 April 2005

COMMERCIAL ITEM DESCRIPTION

INSULATION TAPE, ELECTRICAL, 600V, POLYVINYL CHLORIDE, PRESSURE-SENSITIVE ADHESIVE

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 an electrically insulating, flame retardant, cold weather resistant, polyvinyl chloride tape with pressure sensitive adhesive. This tape is intended for use as electrical insulation on joints and splices of wires and cables in an environment of up to 600 volts and 176 °F (80 °C).

2. CLASSIFICATION. The electrical insulation tape shall of the following thicknesses, widths, lengths, and colors:

2.1 Thickness. The tape thickness shall be one of the coded options listed in table I (see 7.3(b)).

TABLE I. Tape thickness.

Code	Thickness (in inches)
A	0.0070
B	0.0090

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to: STDZNMGT@dla.mil or Defense Supply Center Richmond (DSCR), ATTN: DSCR-VEB, 8000 Jefferson Davis Highway, Richmond, VA 23297-5616.

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2.2 Width. The tape width shall be one of the coded options listed in table II (see 7.3(c)).

TABLE II. Tape width.

Code	Width (in inches)	Code	Width (in inches)
1	0.250	6	1.000
2	0.375	7	1.250
3	0.500	8	1.500
4	0.625	9	2.000
5	0.750	X	Other (specify in acquisition order)

2.3 Length. The tape length shall be one of the coded options listed in table III (see 7.3(d)).

TABLE III. Tape length.

Code	Length (in feet)
A	20
B	66
C	108
X	Other (specify in acquisition order)

2.4 Color. The tape color shall be one of the coded options listed in table IV (see 7.3(e)).

TABLE IV. Tape color.

Code	Color	Code	Color
1	Black	6	Blue
2	Red	7	Gray
3	Orange	8	White
4	Yellow	9	Clear
5	Green		

3. SALIENT CHARACTERISTICS

3.1 Materials. The tape shall meet the requirements of the ASTM D 2301, "Standard Specification for Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape".

3.2 Performance. The tape shall be listed with Underwriters Laboratories Inc. (UL) as meeting the flame retardant, cold resistant, and weather resistant requirements of UL 510, "Standard for Safety for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape", and tested in accordance with

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industry standard test methods specified in ASTM D 1000, "Standard Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications".

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. PRODUCT CONFORMANCE PROVISIONS

5.1 Product conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance.

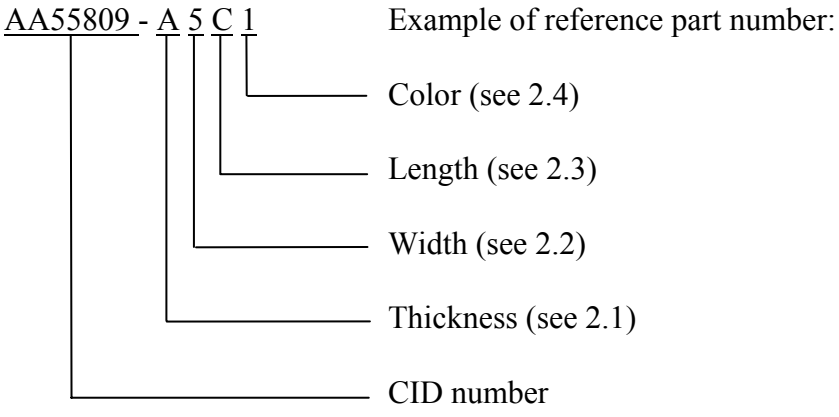
5.2 Market acceptability. The product offered must have been previously sold either to the government or on the commercial market.

6. PACKAGING

6.1 Preservation, packing, and marking. Preservation, packing, and marking shall be as specified in the acquisition order (see 7.3(f)).

7. NOTES

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



AA55809-A5C1 identifies tape, 0.0070 inch thick, 0.75 inch wide, 108 feet long, black in color.

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7.2 Sources of documents.

7.2.1 ASTM standards. Copies of ASTM standards may be obtained from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959. Electronic copies of ASTM standards may be obtained from http://www.astm.org/.

7.2.2 UL standards. Copies of UL standards may be obtained from Underwriter Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096. Electronic copies of UL standards may be obtained from http://www.ul.com/.

7.2.3 FAR. The FAR may be obtained from the Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Electronic copies of FAR documents may be obtained from http://www.arnet.gov/far/.

7.3 Ordering data. The acquisition order should specify the following:

a. CID document number, revision, title, the date of this document and the CID PIN.
b. Thickness of tape (see 2.1).
c. Width of tape (see 2.2).
d. Length of tape (see 2.3).
e. Color of tape (see 2.4).
f. Preservation, packing, and marking (see 6.1).

7.4 Cross-reference data. Table V provides a cross-reference between the HH-I-595 PIN, the predecessor of A-A-55809, the A-A-55809 PIN, and the A-A-55809B PIN for each assigned NSN.

TABLE V. Part number cross-reference list.

NSN	HH-I-595 PIN	A-A-55809 PIN	A-A-55809B PIN
5970-00-816-6056	HH-I-595-B-108-0	AA55809-C0	AA55809-A5C1
5970-00-926-7219	HH-I-595-A-108-0	--	AA55809-A3C1
5970-01-218-6290	HH-I-595-C-108-0	--	AA55809-A6C1
5970-01-373-5674	HH-I-595-A-66-2	AA55809-A2	AA55809-A3A2
5970-01-373-5675	HH-I-595-A-66-4	--	AA55809-A3B4
5970-01-373-5676	HH-I-595-A-66-9	--	AA55809-A3B8
5970-01-373-5677	HH-I-595-A-66-6	--	AA55809-A3B6
5970-01-407-1140	HH-I-595-B-66-4	--	AA55809-A5B4
5970-01-407-1142	--	AA55809-C2	AA55809-A5B2
5970-01-407-1143	HH-I-595-B-66-5	--	AA55809-A5B5
5970-01-407-1144	HH-I-595-B-108-2	--	AA55809-A5C2
5970-01-407-1145	HH-I-595-B-66-9	--	AA55809-A5B8

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TABLE V. Part number cross-reference list - Continued.

NSN	HH-I-595 PIN	AA55809 PIN	A-A-55809B PIN
5970-01-407-1146	HH-I-595-B-108-5	--	AA55809-A5C5
5970-01-407-1147	HH-I-595-B-108-4	--	AA55809-A5C4
5970-01-407-1150	HH-I-595-B-108-6	--	AA55809-A5C6
5970-01-407-2881	HH-I-595-B-66-6	AA55809-C6	AA55809-A5B6
5970-01-472-1355	HH-I-595-A-66-0	AA55809-A0	AA55809-A3A1

MILITARY INTERESTS:

Custodians:
Army - AR
Navy - SH
Air Force - 99

Review Activity:
Air Force - 84

CIVIL AGENCY
COORDINATING ACTIVITY:

GSA - FSS

Preparing Activity:
DLA - GS2

(Project 5970-2006-004)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST database at http://assist.daps.dla.mil.