

[INCH-POUND]  
A-A-55809  
23 April 1996  
SUPERSEDING  
HH-I-595C  
9 April 1976

## COMMERCIAL ITEM DESCRIPTION

### INSULATION TAPE, ELECTRICAL, PRESSURE-SENSITIVE ADHESIVE, PLASTIC

The General Services Administration has authorized the use of this commercial item description as a replacement for HH-I-595C for all federal agencies.

#### 1. SCOPE.

1.1 Scope. This commercial item description covers the requirements for thermoplastic, flame retardant, cold and weather resistant, pressure sensitive, electrical insulating tape.

1.2 Intended use. Thermoplastic tape is to be used as electrical insulation on joints and splices on wires and cables. This tape is intended for use in an environment of not more than 600 V or 80° C (176° F).

#### 2. CLASSIFICATION.

2.1 Classification. Electrical insulation tape shall be of the following dimensions and colors. The dimensions and color to be furnished shall be as specified (see 7.2).

##### 2.1.1 Dimensions (Width X Length).

A -  $1/2 \pm 1/32$  in. X 20 feet

B -  $3/4 \pm 1/32$  in. X 20 feet (available in black and gray color only)

C -  $3/4 \pm 1/32$  in. X 66 feet

Beneficial comments, recommendations, additions, deletions, etc. and any other data which may improve this document should be sent to: Defense Supply Center Richmond, ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5610.

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### 2.1.2 Color.

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

Note: Dimension no.2 (3/4 in. X 20 ft.) insulation tape is only available in black or gray.

## 3. SALIENT CHARACTERISTICS.

3.1 General requirements. The tape shall be listed with Underwriters Laboratories Inc. (UL) as meeting the requirements of UL 510. The tape shall be certified to be flame retardant, cold resistant and weather resistant as specified in UL 510.

## 4. REGULATORY REQUIREMENTS.

4.1 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirement, and promotes economically advantageous life cycle costs.

4.2 Environmental protection. The item shall meet all applicable Environmental Protection Agency restrictions in effect on the date of the contract. These regulations apply to the emission of materials hazardous to the environment or the user's health and shall be met during the manufacturing, service, transportation, storage, and operation/use of the item.

## 5. QUALITY ASSURANCE PROVISIONS.

5.1 Contractor certification. The contractor shall certify and maintain evidence that the product offered meets the salient characteristics of this commercial item description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. The government reserves the right to require proof of such conformance prior to first delivery, and thereafter, as may be otherwise provided under the provisions of the contract.

## 6. PACKAGING.

6.1 Packaging requirements. Preservation, packaging and marking shall be as specified in the contract or order.

## 7. NOTES.

### 7.1 Referenced documents.

7.1.1 Government documents. Copies of Military and Federal documents may be obtained from DODSSP Standardization Document Order Desk, 700 Robbins Avenue, Bldg. 4D, Philadelphia, PA 19111-5094.

7.1.2 Industry documents. Copies of industry documents referenced in this commercial item description may be obtained from the following address:

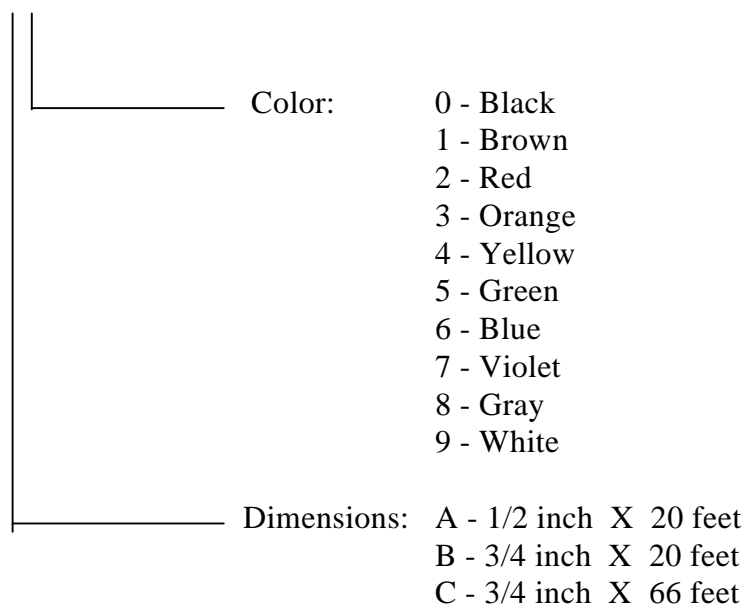
Underwriters Laboratories Inc. (UL), 333 Pfingsten Road, Northbrook, IL 60062

### 7.2 Ordering data. Acquisition documents must specify the following:

- a. Title, number, and date of this document.
- b. Dimensions of tape (see 2.1.1)
- c. Color of tape (see 2.1.2)

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:

Custodians

Army - AL

Air Force - 99

Navy - SH

Reviewers

Air Force - 84

Navy - YD-1

CIVIL AGENCY COORDINATING ACTIVITY:

GSA/FSS - 7FXE

PREPARING ACTIVITY:

DLA - GS

(Project 5970-1139)