

## COMMERCIAL ITEM DESCRIPTION

### WRIST STRAP, DISPOSABLE, ELECTROSTATIC DISCHARGE

The General Services Administration has authorized the use of this Commercial Item Description (CID) for all federal agencies.

The complete requirements for procuring the wrist straps described herein shall consist of this document and the issue in effect of CID A-A-59701.

**CLASSIFICATION.** This CID uses a classification system that is included in the Part Identification Number (PIN) (see notes). The PIN shall be AA59701/05-001.

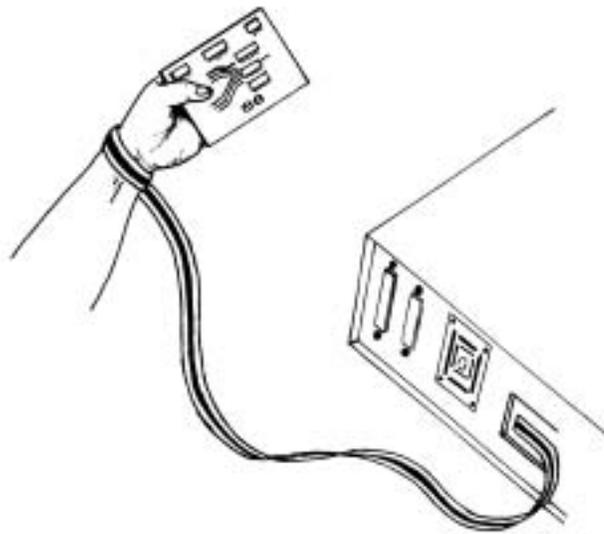
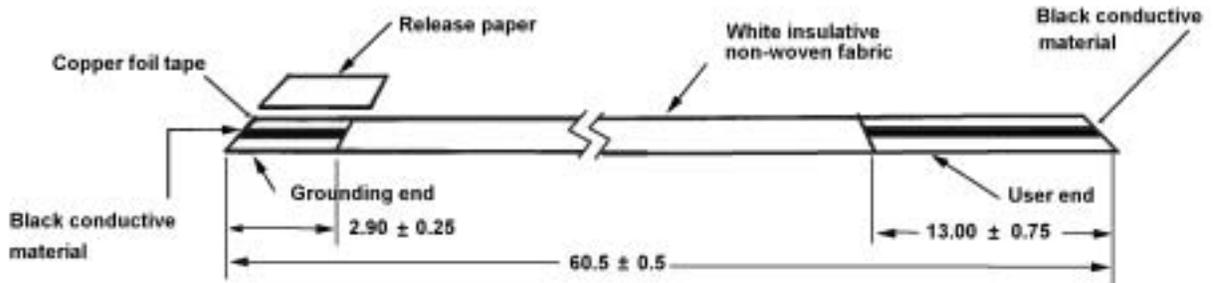
#### SALIENT CHARACTERISTICS.

Interface and physical dimensions. Wrist straps supplied to this CID shall meet or exceed the application requirements of American National Standard/Electrostatic Discharge Association (ANSI/ESD) standard number S20.20 and Electronic Industries Alliance (EIA) JESD 625-A (see figure 1).

Grounding end. This disposable wrist strap shall provide, after removal of a release paper, a 2.90 inch (73.66 mm)  $\pm$  0.25 inch (6.35 mm) pressure-sensitive adhesive grounding end to secure the conductive strip to bare grounding surfaces.

User end. A 13.00-inch (330.2-mm)  $\pm$ 0.75-inch (19.05-mm) user end shall be provided to wrap around the users wrist. A user-friendly hypoallergenic adhesive shall hold the conductive strip in contact with the wearer.

Path to ground. This wrist strap shall provide a path to ground. Total resistance to ground should be greater than 1 megohm and less than 5 megohms to limit current in the event of accidental operator contact with equipment line voltage.



Inches	mm
0.25	6.35
0.50	12.70
0.75	19.05
2.90	73.66
13.00	330.2
60.50	1536.7

NOTES:

1. Dimensions are in inches.

FIGURE 1. Configuration and dimensions.

## NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See classification information for PIN format example.

Source of documents.

## Other Publications

AMERICAN NATIONAL STANDARDS INSTITUTE/ELECTROSTATIC DISCHARGE  
ASSOCIATION (ANSI/ESD)

ANSI/ESD S20.20 - Development of an Electrostatic Discharge Control Program.

(Application for copies should be addressed to the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.)

## ELECTRONIC INDUSTRIES ALLIANCE (EIA)

JESD 625-A - Requirements for Handling Electrostatic - Discharge - Sensitive (ESDS)  
Devices.

(Application for copies should be addressed to the Electronic Industries Alliance, 2500 Wilson Boulevard, Arlington, VA 60062-2096.)

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>
20999	3M Electronic Handling & Protection Division Austin, TX 78726-9000 Phone number (800) 328-1368 Facsimile number (800) 858-9136 E-mail: bgcollins1@mmm.com Uniform Resource Locator (URL): <a href="http://www.3m.com/market/electronic/ehpd/">www.3m.com/market/electronic/ehpd/</a>

Part number (P/N) supersession data. These CID part numbers supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the government inventory system.

TABLE II. P/N supersession data.

CID dash number (see table I)	Vendor commercial P/N <u>1/</u>	
AA59701/05-	MFR's CAGE	MFR's P/N <u>1/</u>
001	20999	98-0798-2706-3

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements see 3.2 of A-A-59701.

MILITARY INTERESTS:

Custodians:  
Navy - EC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5920-0736-05