

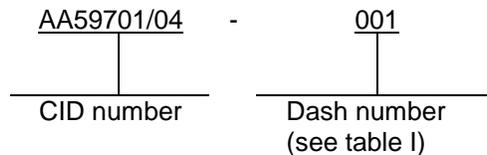
## COMMERCIAL ITEM DESCRIPTION

### WRIST STRAP, DUAL CONDUCTOR, ADJUSTABLE, THERMOPLASTIC, 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) as shown in the following example (see notes).



#### 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).

Interior wrist strap insert. This wrist strap shall have an integrally molded conductive interior insert.

Exterior wrist strap material. The wrist strap's exterior material shall be molded insulative thermoplastic.

Wrist strap color. The wrist strap color shall be as specified in table I.

Wrist strap size. This wrist strap shall be adjustable to a wrist size of 5.3 inch to 8.5 inch (135 mm to 216 mm) in circumference.

Dual conductor. This wrist strap shall be of the dual conductor type.

Coiled grounding cord. If a dual coiled grounding cord is ordered separately, the following shall apply.

Grounding cord length. The minimum working length of the grounding cord shall be as specified in table I.

Resistance end-to-end. The resistance end-to-end of each conductor of the grounding cord shall be 1M ohm  $\pm$ 20 percent.

Tensile strength. The grounding cord shall have a tensile strength greater than 15 pounds.

Average termination flex life. The average termination flex life of the grounding cord shall be greater than 200,000 flexes.

A-A-59701/4

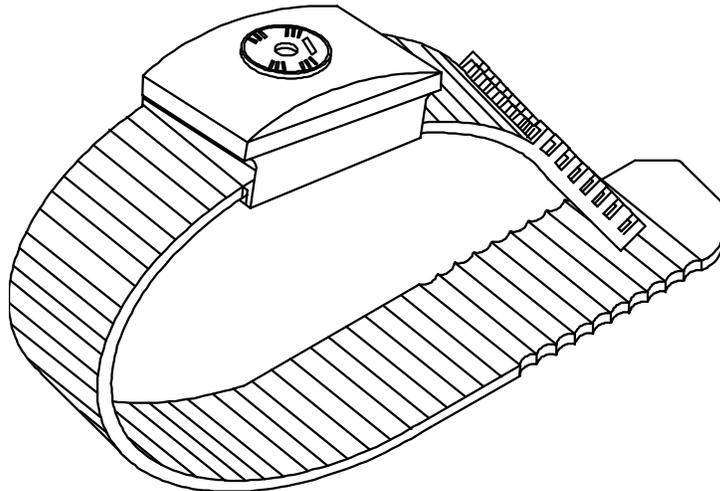


FIGURE 1. Configuration and dimensions.

TABLE I. Characteristics.

CID dash number AA59701/04-	Description	Color
001	Adjustable wrist strap.	Blue
002	Adjustable wrist strap.	Green
003	Adjustable wrist strap.	Purple
004	Adjustable wrist strap.	Maroon
005	Adjustable wrist strap.	Lime
006	5-foot, dual conductor coiled grounding cord (adjustable wrist strap not included).	N/A
007	10-foot, dual conductor coiled grounding cord (adjustable wrist strap not included).	N/A
008	20-foot, dual conductor coiled grounding cord (adjustable wrist strap not included).	N/A

## 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): www.3m.com/market/ electronic/ehpd/

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>	
AA59701/04-	MFR's CAGE	MFR's P/N <u>1/</u>
001	20999	98-0798-3729-4
002	20999	98-0798-3730-2
003	20999	98-0798-3731-0
004	20999	98-0798-3732-8
005	20999	98-0798-3733-6
006	20999	98-0798-4308-6
007	20999	98-0798-4309-4
008	20999	98-0798-4310-2

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 5920-0736-04