

INCH-POUND

A-A-55622
13 August 1996
SUPERSEDING
T-C-571
18 October 1971
Admendment 2
25 September 1985

COMMERCIAL ITEM DESCRIPTION

CORD, COTTON, SASH, VENETIAN BLIND, SPECIAL, AND GENERAL PURPOSE

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 solid braid cord for sash, general, special purpose, and diamond braid cord for Venetian blinds.

2. **CLASSIFICATION.** Cord shall conform to the following types and classes:

- Type I - General purpose and sash cord
 - Class 1 - Natural finish
 - Class 2 - Polished finish
 - Class 3 - Mildew-resistant finish
- Type III - Venetian blind cord
 - Class 6 - Glazed polish finish
- Type IV - Special purpose cord
 - Class 4 - Polished and water-resistant finish
- Type V - Mail bag lacing cord
 - Class 2 - Polish finish

3. **SALIENT CHARACTERISTICS.**

3.1 **Material.** Cord shall be made of cotton, polyester and cotton blend, or Polypropylene and cotton blend of suitable staple length and grade to meet the requirements of this document.

3.2 **Finish.**

3.2.1 **Class 1 (natural).** Natural finish shall denote a cord for which no consistency of luster other than that inherent in the material of 3.1 is required.

3.2.2 **Class 2 (polished).** Polished finish cord shall have a lustrous, smooth-dressed surface with no protruding fibers. All finishing or glazing material shall be added after braiding.

3.2.3 **Class 3 (mildew-resistant).** Mildew resistance treatment shall result in a metallic copper concentration of 0.13% to 0.4% inclusive in the finished cord.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any other data which may improve this document should be sent to: Defense Industrial Supply Center, ATTN.: DISC-EED, 700 Robbins Avenue, Philadelphia, PA 19111-5096

AMSC N/A

FSC 4020

DISTRIBUTION STATEMENT A: Approved for public release; Distribution is unlimited.

A-A-55622

3.2.4 Class 4 (polished and water-resistant). Class 4 cord shall be polished as in 3.2.2 and shall absorb not more than 8.0% water by weight after steeping for 2 hours.

3.2.5 Class 6 (glazed polished). Class 6 cord shall have a smooth-dressed surface with no protruding fibers.

3.3 Construction. Cord shall be braided, and shall consist of a uniform number of yarns per strand, with the strands firmly and evenly braided around a cotton core. Type I and Type V cord shall be of a solid braid construction. Type I may be braided with or without filler core yarns. Type III cord shall be diamond braided. Cord shall conform to the requirements of Tables 1, 2, and 3. Type 5 may be constructed of 12 strands.

TABLE 1: Type I, General Purpose and Sash Cord (Solid Braid)

Size	Diameter (Inch, ±1/64)	Tensile Strength (Lbs, Min)	Carrier Quantity (Min)	Linear Density (Lbs/100', Min.)	
				Class 1	Classes 2 and 3
4	1/8	100	9	.50	.60
5	5/32	160	9	1.00	1.20
6	3/16	240	12	1.50	1.80
7	7/32	300	12	1.85	2.20
8	1/4	370	12	2.25	2.70
10	5/16	560	18	3.70	4.35
12	3/8	720	18	5.00	5.90

TABLE 2: Type III, Venetian Blind Cord (Diamond Braid)

Size	Diameter (Inch, ±1/64)	Tensile Strength (Lbs, Min)	Carrier Quantity	Core Yarn Quantity	Linear Density (Lbs/100', ±10%)
4.5	9/64	140	8	2	.485

TABLE 3: Type IV, Special Purpose Cord (Solid Braid)

Size	Diameter (Inch, ±1/64)	Tensile Strength (Lbs, Min)	Carrier Quantity	Core Yarn Quantity	Linear Density (Lbs/100', ±10%)
5	5/32	180	12	5, 3 ply	1.25

3.4 Color. Unless otherwise specified by contract, classes 1, 2, 4, and 6 cordage shall be issued in the unbleached (natural) state, and class 3 shall have the natural shade imparted by the mildew resistance treatment. When a shade is specified, the color shall be obtained by yarn dyeing. Colorfastness may be specified by contract.

3.5 Elongation. Class 1 cord shall elongate no more than 10% at breaking strength. Classes 2 and 3 cordage shall elongate no more than 8% at breaking strength. Class 4 cord shall elongate no more than 7% at breaking strength and no more than 10% after steeping in water.

3.6 Breaking Strength. Cord shall be capable of performing Test 6016 to the strength requirements specified in Table 1, 2 or 3 as appropriate for the type cord.

A-A-55622

3.7 Extraneous Materials. No extraneous materials shall be added for the purpose of weighting the cord. Extractable matter shall not exceed 10%.

3.8 Put-up. Unless otherwise specified, put-up shall be as such: Type I cord shall be issued in 1200 ft coils, Type III cord shall be issued in 1000 yd spools, and Type IV cord shall be issued in 100 ft hanks, continuous. Coils shall contain not more than two lengths, each length being not less than 100 ft. Spools shall contain not more than 4 lengths, each length being not less than 750 ft. In all cases, cordage ends shall not be joined or knotted for continuity.

3.9 Identification. Cord shall be tagged with a label or ticket containing at least the following information: CID Part Number, National Stock Number, Length, Date of Manufacture, and Manufacturer's Name.

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).

4. QUALITY ASSURANCE PROVISIONS.

4.1 Contractor Certification. The contractor shall certify and maintain substantiating 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, and is the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5 PACKAGING

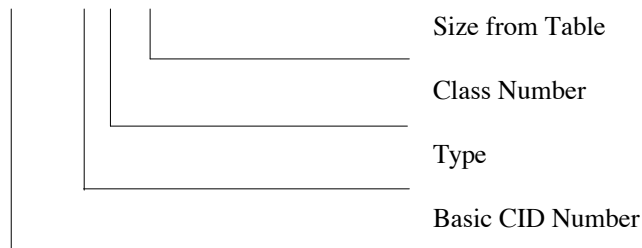
5.1 Preservation, packing, and marking shall be as specified in the contract or order.

6. NOTES.

6.1 Part Identification Number (PIN). The PIN for Type I cord shall consist of the Type number (I), followed by the class number (1, 2 or 3), followed by the size number from Table 1. The PIN for Types III and IV cordage shall consist of the Type number (III or IV) followed by the size number from Table 2 or 3. Size 4.5 shall be written as '45'.

PIN Example:

AAXXXX -I -2 -10



A-A-55622

MILITARY INTERESTS:

CUSTODIANS:

Army - GL
Navy - SH
Air Force - 99

REVIEWERS:

Army - MD, EA, AR
Navy - MC, YD
Air Force - 82

CIVIL AGENCY COORDINATING ACTIVITIES:

HHS - NIH
GSA - FFS
VA - OSS

PREPARING ACTIVITY:

DLA - IS

(Project 4020-0356)