

INCH-POUND

A-A-52067

March 13, 1990

COMMERCIAL ITEM DESCRIPTION

BINDING, TEXTILE, COTTON, BIAS-CUT

The General Services Administration has authorized the use of this Commercial Item Description in preference to all types and classes of Federal Specification DDD-B-1199A.

1. SALIENT CHARACTERISTICS

1.1 Design and Construction. The cloth to be cut into binding shall be a plain weave cotton having a minimum weight of 3.0 ounces per square yard, and a minimum of 85 warp and 72 filling yarns per inch. The cloth shall be bleached or dyed as specified (see 4.2). The cloth selvages shall be removed and then the cloth shall be cut on an angle of 45 degrees \pm 5 degrees. The bias-cut bindings shall then be joined together with 10 to 14 type 301 stitches per inch using seam type S5a-1 of FED-STD-751. The edges of the binding shall be treated with sizing to prevent raveling. The finished width of the binding shall be $1/2 \pm 1/32$ inch.

1.2 Put-up. The binding shall be rolled on tubes of the same width as the binding. The length on each roll shall be not less than 50 yards, nor more than 100 yards.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to:
Commander, U.S. Army Natick Research, Development, and Engineering Center.
ATTN: STRNC-ESC, Natick, MA 01760-5014.

AMSC/NA

FSC 8315

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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2. QUALITY ASSURANCE

2.1 Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics and requirements 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 for under the provision of the contract.

2.2 Quality conformance inspection. Unless otherwise specified, sampling for inspection shall be performed in accordance with MIL-STD-105.

2.3 End item visual examination. Each lot of bias-cut binding shall be examined for consumer type defects as follows:

Any hole, cut, tear, multiple float, smash, abrasion marks; permanently embedded creases or wrinkles; any stain, spot, or streak clearly noticeable; color not as specified; selvage not removed; open seam, insecurely stitched seam or stitching; not seam type specified; stitches per inch more or less than specified; not cut as specified; edges not treated with sizing.

The lot size shall be expressed in units of linear yards of binding, and the sample unit shall be 1 linear yard of binding. The inspection level shall be II, and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 6.5.

2.4 End item dimensional examination. The finished bias-cut binding shall be examined for conformance to the dimensions specified in 1.1. Any dimension not within the specified tolerance shall be classified as a defect. The lot size shall be expressed in units of linear yards of binding, and the sample unit shall be one linear yard of binding. The inspection level shall be S-3, and the AQL, expressed in terms of defects per hundred units, shall be 2.5.

3. PACKAGING

3.1 Packaging. Rolls of binding of like description, put-up as specified, shall be packaged in a snug-fitting, clear plastic bag conforming to A-A-1668. The quantity of rolls shall not exceed 12, and the height of the stacked roll shall not exceed 12 inches. When specified (see 4.2), each roll shall be individually packaged.

3.2 Packing. Binding of a like description, packaged as specified, shall be stacked in a snug-fitting fiberboard shipping container conforming to style RSC, type CF (variety SW) or SF, class domestic, grade 275 of PPP-B-636. The weight of the shipping container shall not exceed 65 pounds.

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3.3 Palletization. When specified (see 4.2), binding packed as specified, shall be palletized in accordance with load type Ia of MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with bonding means C and D or film bonding means F and G. Pallet pattern shall be in accordance with the appendix of MIL-STD-147.

3.4 Marking. Marking shall be in accordance with MIL-STD-129.

4. NOTES

4.1 Intended use. The bias-cut binding is intended primarily for the binding of seams in wearing apparel.

4.2 Ordering data. Acquisition documents must specify the following:

- a. Title, number and date of this document
- b. Color (see 1.1)
- c. When individual packaging is required (see 3.2)
- d. When palletization is required (see 3.3)

4.4 Source for Government documents. Copies of military and Federal documents are available from:

Standardization Documents Order Desk, Bldg. 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

MILITARY INTERESTS:

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