

INCH-POUND

A-A-52104  
May 22, 1991

COMMERCIAL ITEM DESCRIPTION

CLOTH, BURLAP, JUTE (OR KENAF)

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification CCC-C-467.

Abstract. This commercial item description covers burlap and jute (or kenaf) cloth intended for use in equipment, covering of baled material, camouflage materials, sand bags, and overwrapping of textile products when packed for delivery.

1. CLASSIFICATION

1.1 Classification. The cloth shall be of the following classes as specified (see 5.1).

- Class 1 - 6.7 oz./sq. yd.
- Class 2 - 7.2 oz./sq. yd.
- Class 3 - 9.0 oz./sq. yd.
- Class 4 - 10.8 oz./sq. yd.

2. SALIENT CHARACTERISTICS

2.1 General description. The cloth shall be made of natural color jute or kenaf. The weave shall be plain, modified, or a three-leaf twill. The width of the cloth, inclusive of selvages, shall be as specified (see 5.1).

2.2 Physical requirements. The finished cloth shall conform to the requirements listed in table I.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any other data which may improve this document should be sent to: Commander, U.S. Army Natick Research, Development, and Engineering Center, ATTN: STRNC-IRT, Natick, MA 01760-5019.

AMSC N/A

FSC 8305

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

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Table I. Physical requirements

Characteristic	Class				Test method 1/
	1	2	3	4	
Warp (yarns/inch):					5050
minimum	8	9	11	11	
maximum	11	12	13	13	
Filling (yarns/inch):					5050
minimum	8	8	10	11	
maximum	11	11	12	13	
Weight (oz./sq. yd) 2/	6.7	7.2	9.0	10.8	5041

1/ The test methods indicated, from FED-STD-191 Textile Test Methods, have been found acceptable to determine if the cloth meets the stated requirements. If the Government requires proof that the cloth meets the stated requirements, the test methods indicated shall be used.

2/ A plus or minus tolerance of 5 percent in weight per square yard will be permitted.

2.3 Length and put-up. For government procurements only, unless otherwise specified (see 5.1), the cloth shall be furnished in continuous lengths, each not less than 25 yards. The cloth shall be put-up full width on rolls as specified in 4.1.

### 3. QUALITY ASSURANCE

3.1 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 provisions of the contract.

3.2 Visual examination. Lots of cloth shall be inspected in accordance with MIL-STD-105. The inspection level shall be II and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 6.5. The lot size shall be expressed in units of yards. The sample unit shall be 1 linear yard. The cloth shall be examined for the following defects: hole, cut, tear, broken or missing yarns, open places exceeding four yarn diameters, floats or skips, spots or stains exceeding 2 inches in combined directions, and width which does not meet the specified requirement.

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3.3 Length examination. During the visual examination, each roll in the sample shall be examined for length. Any length found to be less than the minimum specified or more than 2 yards less than the length marked on the roll ticket shall be considered a length defect. If two or more rolls in the sample are defective with respect to length or if the total of the actual lengths of rolls in the sample is less than the total of lengths marked on the roll tickets, the lot shall be rejected.

3.4 Regulatory requirements. The offeror/contractor is encouraged to use recovered material in accordance with Public Law 94-580 to the maximum extent practicable.

#### 4. PACKAGING

4.1 Packaging. The cloth shall be rolled on a convolute or spiral-wound chipboard tube. The tube shall have a smooth finish surface that will prevent the fibers of the chipboard from transferring to the cloth. The ends of the tube shall be flush with or extend not more than 1 inch beyond each side of the maximum width of the rolled cloth. Each roll of cloth, put-up as specified, shall be wrapped with 70-pound minimum basis weight kraft paper in such a way that the paper shall encircle the roll at least once with a minimum overlap of 3 inches, and the width of the paper shall be sufficient to fold over and protect the ends of the roll. Gummed paper tape, with a minimum width of 2-1/2 inches shall be applied to the overlap seam the full length of the roll and across each end. Each roll of burlap cloth shall not exceed a weight of 225 pounds.

4.2 Packing. Each roll of burlap cloth, packaged as specified in 4.1 shall be completely wrapped with waterproofed kraft paper with a minimum 3/4-inch width continuous seam of adhesive, or with 3-inch minimum width cloth tape. Each roll of burlap cloth shall then be overwrapped with the same class burlap cloth as in the roll. The cloth wrapping shall be securely sewn with cotton twine or jute twine with approximately one stitch to the inch and every third stitch knotted. Closure shall be effected by securing each open end with two wire ties. The first wire tie shall be applied as close to the contents as possible. The second wire tie shall be applied approximately 1 inch from the first wire tie, with the twisted ends positioned opposite to the ends of the first wire tie. The wire ties shall be not less than 6 inches long, 0.072 inch thick galvanized soft iron or steel wire with a 1/2-inch diameter formed eye at each end. In lieu of the sewn wrapping, the cloth covering may be in bias-sewn tubing form or bags (tubing pre-sewn one end) with closure effected by securing each open end with two wire ties as specified above.

4.3 Marking. In addition to any special markings required by the contract or purchase order, rolls and shipping containers shall be marked in accordance with MIL-STD-129, except for shipments to GSA which shall be marked in accordance

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with FED-STD-123. Each roll shall have a piece ticket (identification tag) affixed with a 5-ply minimum cotton string or a plastic tag hanger. The tag shall have a reinforced eyelet and shall be legibly printed, using water insoluble ink, with the following information:

Procurement Agency	Contract or Purchase Order Number
National Stock Number	Finish or Greige Mill
Item Description	Roll Number
Contractor	Lot Number
Width	Piece Number
Fiber Content	Yardage

## 5. NOTES

5.1 Acquisition requirements. Acquisition documents must specify the following:

- Title, number and date of this document.
- Class of cloth required (see 1.1).
- Width of cloth required (see 2.1).
- Length and put-up, if other than specified (see 2.3).

## 5.2 Sources of documents.

5.2.1 Source of government documents. Copies of Military and Federal documents are available from:

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

### MILITARY INTERESTS:

### CIVIL AGENCY COORDINATING ACTIVITY:

#### Custodians:

GSA - FSS

Army - GL  
Navy - NU  
Air Force - 11

PREPARING ACTIVITY

Army - GL

#### Review activities:

(Project 8305-0367)

Army - MD  
Air Force - 82, 99

#### User activity:

Navy - MC