

INCH-POUND

A-A-52086

January 10, 1991

## COMMERCIAL ITEM DESCRIPTION

### CLOTH, INTERLINING, COTTON WARP, RAYON FILLING

The General Services Administration has authorized the use of this commercial item description in preference to Military Specification MIL-C-43675(GL)

#### 1 SALIENT CHARACTERISTICS

1.1 General description. The cloth shall be plain weave, one up-one down. The warp yarns shall be single ply cotton. The filling yarns shall be two ply rayon. The width shall be as specified (see 4.2) and shall be the minimum acceptable width inclusive of the selvage when fly-shuttle looms or shuttleless looms with tuck-in selvages are used. For all other shuttleless looms the width measurement shall be made between the last warp yarn on each side excluding the protruding fringe(s). The color of the finished cloth shall be natural. The cloth shall be given a clear permanent finish to equal the degree and character of the standard sample.

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

1.3 Length and put-up. Unless otherwise specified (see 4.2), the cloth shall be furnished in continuous lengths each not less than 20 yards. The cloth shall be put-up full width on rolls as specified in 3.1.

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.

A - 52086

TABLE I Cloth physical requirements

Characteristic	Requirement	Test Method 1/
Weight, oz /sq yd (min)	7.0	5041
Yarns per inch (min):		
Warp	50	5050
Filling	35	5050
Breaking strength, lbs (min)		
Warp	75	5100
Filling	65	5100
Stiffness, load-lbs		
Warp	0.002 - 0.10	5202
Filling	0.1 - 0.3	5202
Shrinkage, percent (max)		
Warp and filling	4.0	5550

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. 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 provisions of the contract.

2.2 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 4.0. The lot size shall be expressed in units of yards. The sample unit shall be one linear yard. The cloth shall be examined for the following defects: hole, cut, tear, missing end or pick, thick or thin areas, permanent crease, slubs, slugs or gout, shade bar, streaks, spots, stains, or uneven dying.

4-A-52086

2.3 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.

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

### 3 PACKAGING

3.1 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. Each roll of cloth, put-up as specified, shall be wrapped with 60-pound minimum basis weight kraft paper in such a way that the roll shall be wrapped so 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.

3.2 Packing. Each wrapped roll shall be enclosed in a close-fitting polyethylene film tube with a minimum thickness of 0.004 inches or each wrapped roll shall be enclosed in a bias-sewn tubing made from woven polypropylene cloth. The tube shall be secured by heat-sealing, by means of a mechanical tie, or by plastic ties with lock-end. Alternately, a maximum of four rolls of kraft-wrapped cloth shall be packed in a snug-fitting double-walled fiberboard container known as a double cover, and shall consist of a body or joined liner and two covers. Corrugated fiberboard with a minimum bursting strength of 500 pounds shall be used. The container shall be strapped with metallic straps not less than 1/2 by 0.020 inch or non-metallic straps not less than 7/16 by 0.030 inch.

3.3 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. 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  
National Stock Number  
Item Description  
Contractor  
Width  
Fiber Content

Contract or Purchase Order Number  
Finish or Greige Mill  
Roll Number  
Lot Number  
Piece Number  
Yardage

4-4-52086

4 NOTES

4.1 Intended use The cloth is intended for use as interlining material for the garrison and service caps

4.2 Acquisition requirements Acquisition documents must specify the following:

- a Title, number and date of this document
- b Width of cloth required (see 1.1).
- c. Length of put-up if other than specified (see 1.3).

4.3 Sources of documents.

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

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

MILITARY INTERESTS:

Custodian

Army - GL

Review activities

Army - MD  
DLA - CT

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

PREPARING ACTIVITY:

Army - GL

(Project 8305-0365)