

INCH-POUND

A-A-55296

April 1, 1996

COMMERCIAL ITEM DESCRIPTION

CLOTH, TWILL, COTTON, 10.0 OUNCES (339 g)

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-C-43956 for all Federal agencies.

1. SCOPE

1.1 Scope. This commercial item description covers the requirements for a cotton twill cloth intended for use in the lining for boots and shoes.

2. CLASSIFICATION. The cloth shall be furnished in the following classes:

Class 1	-	Natural or bleached
Class 2	-	Natural or bleached, mildew-resistant treated

3. SALIENT CHARACTERISTICS

3.1 Description. The cloth shall be manufactured from cotton which has been carded, drawn, and spun into a single yarn. The weave shall be a three up and one down (3/1) right hand twill. The class 2 cloth shall be mildew-resistant treated with copper-8-quinoliolate so as to deposit a copper content of metallic copper from copper-8-quinoliolate when tested in accordance with the requirements listed in Table I. The color of the cloth shall be natural or bleached. The color of the class 2 cloth shall be a shade imparted to the cloth as a result of the mildew resistant treatment. The width shall be as specified in the contract or purchase order. The cloth shall be finished so it will not unravel when cut.

3.2 Physical requirements. The finished cloth shall conform to the requirements listed in Table I.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DPSC-FNS, 2800 South 20th Street, Philadelphia, PA 19145-5099.

AMSC N/A

FSC 8305

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

A-A-55296

TABLE I. Physical requirements and test methods

Characteristic	Requirement	Test Method
Yarn identification	Cotton	AATCC 20
Weight oz./sq. yd, (minimum)	10.0	ASTM D-3776, Opt. C
Yarns per inch (minimum):		
Warp	85	ASTM D-3775
Filling	38	ASTM D-3775
Breaking strength (pounds):		
Warp	130	ASTM D-5034
Filling	125	ASTM D-5034
Weave	Visual	<u>1/</u>
Nonfibrous materials percentage (maximum)	15.0	ASTM D-629
Copper content (class 2),	0.15 ± .05	TM 2050 of FED-STD-191
Copper-8-quinolinolate (class <u>2</u>)		<u>2/</u>

- 1/ Unless otherwise specified, a certificate of compliance shall be submitted and will be acceptable for the stated requirement.
- 2/ The contractor shall certify that only copper-8-quinolinolate was used in the treatment of the cloth.

3.3 Length and put-up. The cloth shall be furnished in rolls of continuous length. Each length shall be not less than 40 yards and each roll shall weigh not more than 125 pounds or as specified in the contract or purchase order.

2.4 Label/tag. Each roll of cloth shall be labeled, or ticketed for fiber content in accordance with the Textile Fiber Products Identification Act. This label/tag shall be located so that it is completely visible on the roll, causes no damage to the roll, and remains on the roll as cloth lengths are distributed.

4. REGULATORY REQUIREMENTS. 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).

5. QUALITY ASSURANCE PROVISIONS

5.1 Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this commercial item description and 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 the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5.2 Market acceptance criteria. The item offered, or a generic equivalent, must have been sold to the commercial market or to the Government for at least two years.

5.3 Examination.

A-A-55296

5.3.1 Visual examination. Each roll of cloth shall be examined as indicated in 5.3.2 through 5.3.4.

5.3.2 Yard-by-yard examination. The required yardage of each roll in the sample (20 rolls) shall be examined. All appropriate defects that are clearly noticeable at normal inspection distance (3 feet) shall be scored and assigned demerit points. Defect shall be counted regardless of proximity unless two or more defects represent a single local condition on the cloth. An approximately equal number of yards shall be examined in each roll in the sample. The defects, when present, shall be scored when they occur; hole, cut, or tear; smash; knot or slub; spot or stain; embedded crease or wrinkle; two or more yarns missing or broken for more than 9 inches; width not as specified; overall uncleanness.

5.3.3 Length examination. During yard-by-yard examination, each roll in the sample shall be examined for length. Any length found to be less than the minimum length specified, or more than two yards less than the length marked on the ticket, shall be considered a defect with respect to length. The lot shall be unacceptable if two or more rolls in the sample are defective in respect to length; or if the total of the actual length of rolls in the sample is less than the total of the length marked on the ticket.

5.3.4 Examination for compliance with Textile Fiber Products Identification Act. An examination shall be made to insure that each roll is labeled for fiber content in accordance with the Textile Fiber Products Identification Act.

6. PACKAGING

6.1 Preservation, packing, and marking. The preservation, packing, and marking shall be as specified in the contract or purchase order.

7. NOTES

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

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

Rules and Regulations Under the Textile
Fiber Products Identification Act

(Copies may be obtained without charge from the Federal Trade Commission, Washington, DC 20580-0001.)

6.2 Source of non-Government documents

ASTM Test Methods

(Applications for copies should be addressed to American Society For Testing and Materials (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.)

A-A-55296

AATCC Test Methods

(Applications for copies should be addressed to American Association of Textile Chemists and Colorists (AATCC), P.O. Box 12215, Triangle Park, NC 27709-2215.)

MILITARY INTERESTS:

Custodians:

Army - GL
Navy - NU
Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Review Activities:

Air Force - 45, 82

PREPARING ACTIVITY:

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