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INCH-POUND

A-A-50185
November 15, 1988

COMMERCIAL ITEM DESCRIPTION

CLOTH, BATISTE, COTTON, POLISHING

The General Services Administration has authorized the use of this commercial item description in preference to MIL-C-40129(GL).

1. CLASSIFICATION

1.1 Class. The cloth shall be of one type and the following classes, as specified (see 5.2).

Class 1 - Rolls
Class 2 - Cut pieces

2. SALIENT CHARACTERISTICS

2.1 General. The cloth shall be a 100 percent cotton plain weave using single ply yarns. The cloth shall be bleached. The width shall be a minimum of 39-1/2 inches 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).

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

TABLE I. Physical requirements

Characteristics	Requirements	Test method 1/
Weight, oz/sq. yd. (max)	1.9	ASTM D 3776 2/
Cloth width (class 1) (min)	39-1/2	ASTM D 3774 2/
Yarns per inch (min):		
Warp	75	ASTM D 3775 2/
Filling	70	ASTM D 3775 2/
Breaking strength, lbs. (min):		
Warp	32	ASTM D 1682 2/
Filling	30	ASTM D 1682 2/

1/ The test methods indicated 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 method indicated shall be used (see 2.1).

2/ Refers to the American Society for Testing and Materials (ASTM).

AMSC N/A FSC 8305

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2.3 Put-up. Unless otherwise specified (see 5.2), the class 1 cloth shall be in one continuous length of not less than 50 yards and shall be put up on rolls as specified in 4.1.1. The class 2 cloth shall be cut into 4 ± 1/4 by 6 ± 1/4 inch pieces with the four edges pinked. Pinking of selvage edge is not required. The measurement is to be from the extreme outside point on one side to the opposing indentation on the other side.

3. QUALITY ASSURANCE

3.1 Certification. The contractor shall certify that the product offered meets the salient characteristics of the description and conforms to the producer's own drawings, specifications, standards and quality assurance practices. When specific quality assurance provisions are specified for any commercial characteristic, the contractor shall furnish data resulting from inspection conducted in accordance with the specific quality assurance provisions. 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.

4. PACKAGING

4.1 Packaging.

4.1.1 Class 1. The class 1 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 in 2.3, shall be wrapped with 60 pound minimum basis weight kraft paper in such a way that the paper will encircle the roll at least once with a minimum overlap of 3 inches, and the width of the paper will 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.

4.1.2 Class 2. One hundred cloth pieces shall be evenly stacked and inserted in a snug-fitting clear plastic bag conforming to A-A-1668. Five bags shall then be packed in a snug-fitting folding or set-up paperboard box.

4.2 Packing.

4.2.1 Class 1. Each wrapped roll shall be enclosed in a close-fitting polyethylene film tube with a minimum film thickness of 0.004 inch or each wrapped roll shall be enclosed in 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 a lock end.

4.2.2 Class 2. Nine thousand cloth pieces, packaged as specified, shall be packed 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.

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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. Plastic bagged packages shall have the required information legibly printed or stamped in black directly on the bag across the center face or on a white paper label inserted within the bag so as to permit ready identification. 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 Intended use. The cloth is intended to be used for cleaning and polishing coated optics.

5.2 Ordering data. Acquisition documents should specify the following:

a. Title, number, and date of this document.
b. Class of cloth required (see 1.1).
c. Width of class 1 cloth, if other than specified (see 2.2).
d. When minimum length or roll put-up is other than specified (see 2.3).

5.3 Sources of documents.

5.3.1 Source of government documents. Copies of military and Federal documents are available from:

Naval Publications and Forms Center
5801 Tabor Avenue
Philadelphia, PA 19120

5.3.2 Source of nongovernment association documents. Copies of nongovernmental documents are available from:

American Society for Testing and Materials
1916 Race Street
Philadelphia, Pennsylvania 19103

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MILITARY INTERESTS:

Custodian

Army - GL

Review activity

DLA - CT

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS

PREPARING ACTIVITY:

Army - GL

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