

A-A-50145
April 20, 1988
SUPERSEDING
(See 5.4)

COMMERCIAL ITEM DESCRIPTION

CLOTH, SHEETING, COTTON, AND POLYESTER/COTTON, WHITE

The General Services Administration has authorized the use of this commercial item description in preference to type II of Federal Specification CCC-C-430.

1. CLASSIFICATION

1.1 Classification. The cloth shall be of the following types, classes, and counts:

- Type I - Cotton, 100 percent
 - Class 1 - Unshrunk
 - Class 2 - Shrunk
 - 140 count
 - 128 count
- Type II - Polyester/cotton blend
 - Class 1 - Unshrunk
 - Class 2 - Shrunk
 - 122 count
 - 177 count

2. SALIENT CHARACTERISTICS

2.1 Design and construction. The cloth shall be bleached white and of a plain weave construction. The type I cloth shall be made from carded, drawn, and spun cotton. The type II cloth shall be made from a blend of polyester and cotton. The blend shall contain a minimum of 30 percent cotton. The finished cloth shall conform to the physical properties listed in table I when tested in accordance with the cited methods. The width of cloth shall be as specified.

2.2 Put-up. The cloth shall be rolled in continuous lengths and each length shall not be less than 50 yards. Each roll shall weigh approximately 125 pounds.

FSC 8305

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

A-A-50145

TABLE I. Physical properties

Characteristic	Type I		Type II		Test method
	140 count	128 count	122 count	177 count	
Weight, oz/sq yd (min)	4.2	4.0	3.5	3.5	ASTM D 1910 Method 2
Total yarns per inch (min)	140	128	122	177	ASTM D 3775
Ends per inch $1\frac{1}{2}$	74	70	66	97	ASTM D 3775
Picks per inch $1\frac{1}{2}$	69	63	56	80	ASTM D 3775
Breaking strength, pounds, warp and filling (min)	60	55	50	60	ASTM D 1682: Method 16 (Grab CRE Tester)
Shrinkage: $\frac{1}{2}$, (class 2 only), warp and filling (max)	2.0	2.0	2.0	2.0	AATCC-135 Procedure IIB

$1\frac{1}{2}$ A total minus tolerance of 6 yarns per inch for the 122 count and 128 count, 7 yarns per inch for the 140 count, and 8 yarns per inch for the 177 count, in either the warp and/or filling, will be permitted, provided there is a total of not less than 122, 140, and 177 yarns per inch respectively (warp and filling).

3. QUALITY ASSURANCE

3.1 Certification. The contractor shall certify that the product offered meets the salient characteristics of this description, conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same as the product offered for sale in the commercial marketplace. 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. 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 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. Alternately, each roll of cloth shall be enclosed in a polyethylene film tube and the tube secured at both ends by heat sealing or mechanical ties.

4.2 Packing. 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. Alternatively, a maximum of four rolls of 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.

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

Procurement agency	Contract or purchase order number
National stock number	Finish or greige mill
Item description	Roll number
Width	Lot number
Contractor	Piece number
Fiber content	Yardage

A-A-50145

5. NOTES

5.1 Intended use. The cloth is used for making sheets, pillowcases, and mattress covers.

5.2 Ordering data.

- a. Title, number, and date of this document.
- b. Type, class, and count required (see 1.1).
- c. Width of cloth required (see 2.1).

5.3 Sources for nongovernment association documents.

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

American Association of Textile Chemists and Colorists (AATCC)
P.O. Box 12215
Research Triangle Park, NC 27709

5.4 Supersession data. The types and styles covered by this commercial item discription replace the items covered by CCC-C-430 as indicated below. The class designation is the same in both documents.

CID A-A-50145

Type I, 140 count
Type I, 128 count
Type II, 122 count
Type II, 177 count

CCC-C-430

Type II, Style A
Type II, Style B
Type II, Style G
Type II, Style D

A-A-50145

MILITARY INTERESTS:

Custodians

Army - GL
Navy - NU
Air Force - 99

Review activities

Army - MD, EA
Navy - MS, SH
Air Force - 82
DLA - CT

User activities

Navy - MC
Air Force - 45

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS
VA - OSS
JUS - FPI
DCG

PREPARING ACTIVITY:

Army - GL

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