

INCH-POUND

A-A-153A  
January 23, 1995

SUPERSEDING  
A-A-153  
March 31, 1981

## COMMERCIAL ITEM DESCRIPTION

### DRAWERS, MEN'S

The General Services Administration has authorized the use of this commercial item description in preference to MIL-D-40099.

1. **SCOPE.** This commercial item description covers the requirements for men's boxer-style drawers. The drawers are intended for use by male personnel of the Department of Defense.

#### 2. CLASSIFICATION

2.1 The drawers shall be in the following types:

Type I - Cotton, muslin cloth  
Type II - Polyester and cotton, white

Class 1 White  
Class 2 Brown

#### 3. SALIENT CHARACTERISTICS

3.1 The type I drawers shall be made from cotton, muslin cloth; the type II drawers shall be made from polyester and cotton cloth. The white drawers shall be bleached white in accordance with good commercial practices. The brown drawers shall be dyed Brown 436 in accordance with good commercial practices. The drawers shall meet the breaking strength and dimensional stability requirements of ASTM-D 3820.

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-FQSD, 2800 South 20th Street, Philadelphia, PA 19145-5099.

AMSC N/A

FSC 8420

DISTRIBUTION STATEMENT A.

Approved for public release;  
distribution is unlimited.

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The drawers shall be thigh length, boxer-style, with left-over-right front fly opening, a rectangular back panel, and an elastic waistband. The elastic shall be attached to the drawers with no less than 4 rows of stitching. The joining seams for the back panel and the crotch seam shall be double lapped with two rows of stitching. The leg bottoms shall be hemmed, and there shall be a horizontal bartack at the bottom of the fly opening through all plies. The cotton thread for seaming and stitching the drawers shall conform to the requirements of type I, ticket number 50, 3-ply, and ticket number 70, 2-ply, of A-A-52094. As an alternate, a polyester-core, polyester or cotton-covered thread conforming to ticket number 100, 2-ply, of A-A-50199 may be used. The color of the thread shall approximate the shade of the basic material.

As an alternate to the specified threads, a 175 denier, single-ply, textured polyester thread with a minimum breaking strength of 1.4 pounds may be used. The color of the thread shall approximate the shade of the basic material.

The elastic webbing for the waistband shall be made from heat-resistant strip compounded natural or synthetic rubber or mixture thereof, covered with 100% cotton or polyester and cotton or polyester rib fabric weighing a minimum of 0.50 ounces per linear yard. The width of the finished waistband shall be 1-1/4 ( $\pm 1/16$ ) inches. The color of the webbing shall approximate the shade of the basic material.

3.2 Sizes and measurements. The finished drawer shall conform to the measurements below.

TABLE I. Sizes and measurements (inches)

| Size | 1/2 Waist<br>(relaxed)<br><u>1/</u> | 1/2 Waist<br>(Stretched)<br><u>2/</u> | Total<br>length<br><u>3/</u> | Front<br>rise<br><u>4/</u> | Back<br>rise<br>combined<br><u>5/</u> |
|------|-------------------------------------|---------------------------------------|------------------------------|----------------------------|---------------------------------------|
| 26   | 10                                  | 16-1/2                                | 16-1/4                       | 12                         | 18-1/4                                |
| 28   | 11                                  | 17-1/2                                | 16-1/2                       | 12-1/4                     | 18-1/2                                |
| 30   | 12                                  | 18-1/2                                | 16-3/4                       | 12-1/2                     | 18-3/4                                |
| 32   | 13                                  | 19-1/2                                | 17                           | 12-3/4                     | 19                                    |
| 34   | 14                                  | 20-1/2                                | 17-1/4                       | 13                         | 19-1/4                                |
| 36   | 15                                  | 21-1/2                                | 17-1/2                       | 13-1/4                     | 19-1/2                                |
| 38   | 16                                  | 22-1/2                                | 17-3/4                       | 13-1/2                     | 20                                    |
| 40   | 17                                  | 23-1/2                                | 18                           | 13-3/4                     | 20-1/2                                |
| 42   | 18                                  | 24-1/2                                | 18-1/4                       | 14                         | 21                                    |
| 44   | 19                                  | 25-1/2                                | 18-1/2                       | 14-1/4                     | 21-1/2                                |
| 46   | 20                                  | 26-1/2                                | 18-3/4                       | 14-1/2                     | 22                                    |
| 48   | 21                                  | 27-1/2                                | 19                           | 14-3/4                     | 22-1/2                                |
| 50   | 22                                  | 28-1/2                                | 19-1/4                       | 15                         | 23                                    |
| 52   | 23                                  | 29-1/2                                | 19-1/2                       | 15-1/4                     | 23-1/2                                |
| Tol. | $\pm 1/2$                           | Minimum                               | $\pm 1/4$                    | $\pm 1/4$                  | $\pm 1/4$                             |

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TABLE I. Sizes and measurements (inches) (contd.)

| Size | Width<br>across<br>inseam<br><u>6/</u> | Leg<br>bottom<br><u>7/</u> | Fly<br>open-<br>ing<br><u>8/</u> | Thigh<br><u>9/</u> |
|------|--|----------------------------|----------------------------------|--------------------|
| 26   | 11-1/2                                 | 11-1/2                     | 6-1/2                            | 13-1/2             |
| 28   | 11-1/2                                 | 12                         | 6-3/4                            | 14                 |
| 30   | 11-1/2                                 | 12-1/2                     | 7                                | 14-1/2             |
| 32   | 11-1/2                                 | 13                         | 7-1/4                            | 15                 |
| 34   | 11-1/2                                 | 13-1/2                     | 7-1/2                            | 15-1/2             |
| 36   | 11-1/2                                 | 14                         | 7-3/4                            | 16                 |
| 38   | 11-1/2                                 | 14-1/2                     | 8                                | 16-1/2             |
| 40   | 11-1/2                                 | 15                         | 8-1/4                            | 17                 |
| 42   | 11-1/2                                 | 15-1/2                     | 8-1/2                            | 17-1/2             |
| 44   | 11-1/2                                 | 16                         | 8-3/4                            | 18                 |
| 46   | 11-1/2                                 | 16-1/2                     | 9                                | 18-1/2             |
| 48   | 11-1/2                                 | 17                         | 9-1/4                            | 19                 |
| 50   | 11-1/2                                 | 17-1/2                     | 9-1/2                            | 19-1/2             |
| 52   | 11-1/2                                 | 18                         | 9-3/4                            | 20                 |
| Tol. | $\pm 1/2$                              | $\pm 1/4$                  | $\pm 1/4$                        | $\pm 1/2$          |

1/ 1/2 Waist (relaxed). Measured from side to side along top edge of waist.

2/ 1/2 Waistband (stretched). Measured from side to side along top edge of waist with waistband stretched taut in straight line using manual tension.

3/ Total length. Measured from top edge of waist to lower edge of leg.

4/ Front rise. Measured from bottom of crotch, including width of a seam, up front of drawers to top edge of waist.

5/ Back rise. Measured from bottom of crotch, including width of seam, up back of drawers to top edge of waist at center.

6/ Width across inseam. Measured from inside corner of one leg to other leg. legs spread and inseam measured in straight line.

7/ Leg bottom. Measured across leg along lower edge.

8/ Fly opening. Measured from top of fly opening to bottom of fly opening.

9/ Thigh. Measured from bottom of crotch seam across leg parallel to lower edge of leg to outside edge.

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3.3 Label. A combination identification, care and size label shall be attached on the inside center of the back elastic just below the top edge of the waistband.

3.4 Label/tag. Each item shall be individually bar-coded with a paper tag for personal clothing items. The paper tag shall be standard bleached sulfate having a basis weight of 100 pounds. The paper used for the tags shall have a smooth finish to accept thermal transfer and direct printing. The tags shall have a hole and shall be attached to each item by a fastener, clearly legible and readable by a scanner. The bar coding element shall be a 13 digit national stock number (NSN). The bar code type shall be a medium to high code density and shall be located so that it is completely visible on the item when it is folded and/or packaged as specified and so that it causes no damage to the item.

#### 4. REGULATORY REQUIREMENTS

4.1 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; conforms to the producer's own drawings, specifications, standards, and quality assurance practices; and is the same product offered for sale in the commercial marketplace. 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 acceptability criteria. The item offered must have been sold to the commercial market or to the Government, and the contractor shall certify and provide supporting documentation as to its serviceability and the long term (five years) availability of all necessary maintenance and logistics support parts and materials.

5.3 Warranty. The item offered shall include the standard warranty given to the commercial market beginning with the date of delivery of the individual items.

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5.4 Visual examination. Each drawer shall be examined for the defects listed below.

Defects. Any hole, cut, or tear; color not as specified; any part shaded; any spot or stain (outside); raw edges, open seams, thread ends not removed, or loose tension resulting in loose seams; any material defects, distorted parts or poor workmanship; label missing, incorrect, or illegible; measurement of item not as specified; bar code omitted or not readable by scanner; human-readable interpretation (HRI) omitted or illegible; bar code not visible on folded, packaged item; bar code causes damage to the item; any items not packaged in accordance with the contract or purchase order.

## 6. PACKAGING

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

## 7. NOTES

7.1 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

### 7.2 Source of non-Government documents

ASTM Test Methods

(Applications for copies should be addressed to American Society For Testing and Materials, 1916 Race Street, Philadelphia, PA 19103-1187.)

AATCC Test Method

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

### Custodians:

Navy - NU  
Army - GL

Civil Agency Coordinating  
Activity:  
GSA - FSS

### Review Activities:

Army - MD

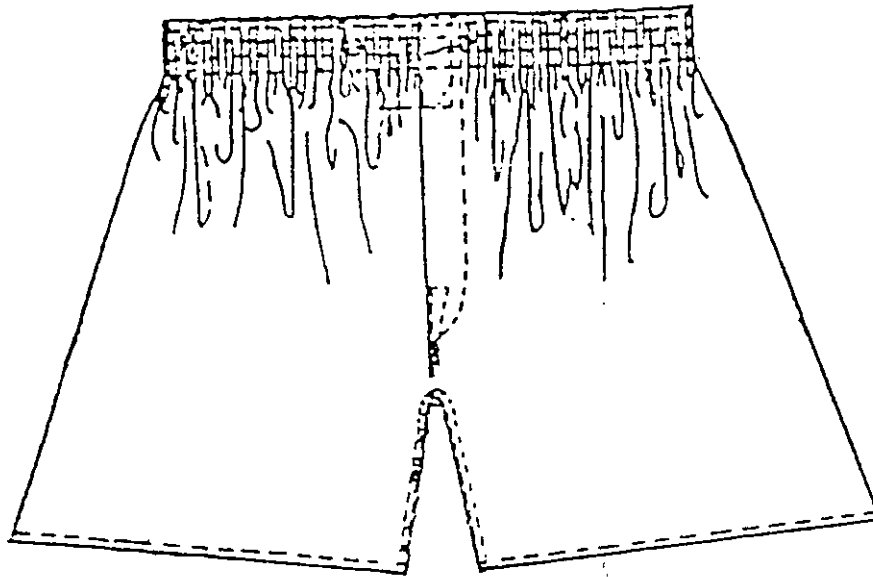
Preparing Activity:  
DLA - CT

### User Activity:

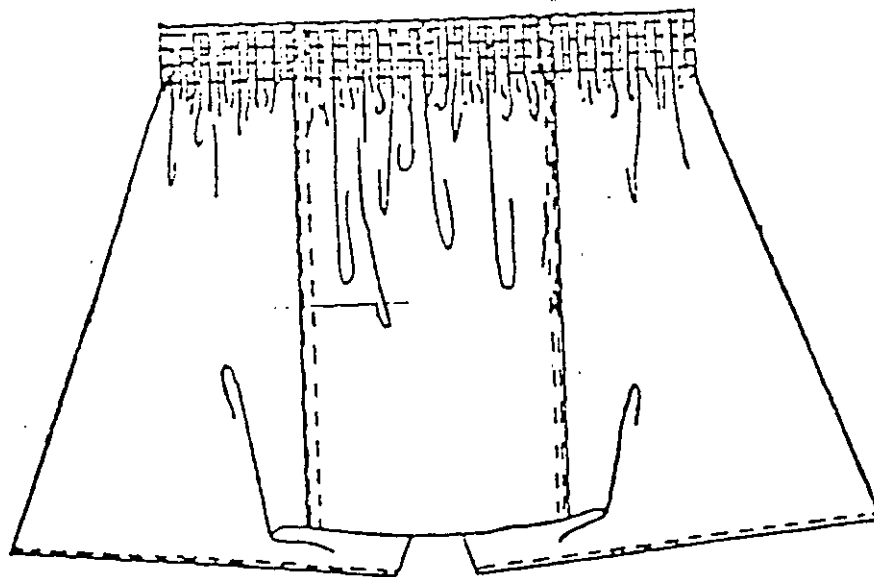
Navy - MC

Project No. 8420-0095

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FRONT



BACK

FIGURE 1 - DRAWERS, MEN'S