

INCH-POUND

A-A-55236

September 13 1993

COMMERCIAL ITEM DESCRIPTION

GLOVES, MEN'S, CLOTH, DRESS, WHITE

The General Services Administration has authorized the use of this commercial item description in preference to MIL-G-41817.

Abstract. This commercial item description covers the requirements for men's dress gloves. The gloves are intended for use by Military police and ceremonial activities personnel of the Department of Defense.

Salient characteristics. The gloves shall be a full inseam, Montpelier pattern, hand trimmed, with continuous fourchette, "Q" type thumb, closed wrist design with elastic webbing. The cloth shall have no labile sulfur or nonfibrous content.

Figure. Figure 1 is furnished for information purposes only. In the event of any inconsistencies between the written commercial item description and Figure 1, the commercial item description shall govern.

Materials

Fabric, knitted, cotton, simplex. The basic fabric shall be cotton simplex, or a comparable 100% knitted cotton fabric, and the color shall be White shade number 3028.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DPSC-FSSD, 2800 South 20th Street, Philadelphia, PA 19101-8419, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 8440

DISTRIBUTION STATEMENT A.

Approved for public release;
distribution is unlimited.

The simplex knit shall be a 48-line Atlas pattern that is produced when the warp end continues to move the same direction for 24 consecutive courses, after which, the direction of the guide bar movement is reversed, and the warp ends traverse 24 courses in the opposite direction. A faint horizontal line occurs at each half repeat where the guide bars change direction. This represents one full repeat of the pattern.

The cloth shall be knit with nonravelling edges, sueded on both sides, and shall have a suppleness equal to or better than the standard sample. The yarn shall be made from cotton which has been carded, combed, and spun into singles yarn. The finished cloth shall be bleached and shall be supplemented with an optical brightener to enhance the appearance.

The finished cloth shall have a minimum of 60 wales and 42 courses per inch when tested in accordance with ASTM-D3887-89, a minimum bursting strength of 132 pounds when tested in accordance with ASTM-D3887-89 and a minimum weight requirement of 9.5 oz./sq. yd. when tested in accordance with ASTM-D3776-85, Option C. The dimensional stability of the cloth shall be a maximum of 12.0% for the length direction and 3.0% for the width direction when tested in accordance with AATCC-96, Option Vc. The cloth shall show discoloration equal to or better than the standard sample or a minimum of Class 4 when tested for laundering in accordance with AATCC 61-89, Test 1A and perspiration in accordance with AATCC 15-89. The following are exceptions to AATCC 61-1989, Test No. 1A:

1. The sample size shall be 4.0 ± 0.1 grams and the total liquor volume shall be 100 ml., and the rotation time shall be 30 minutes.
- 2 The test for colorfastness to acid and alkaline solution shall apply in accordance with AATCC 15-1998.
3. The following additional tests are applicable to the basic fabric:

a. Stretch test. One specimen each from the length (wales) and width (courses) direction shall be tested from each sample unit. Each specimen shall be a rectangle 4 inches but not less than 5 inches. The long dimension shall be parallel to the length (wales) of the cloth for length tests, and parallel to the width (courses) for width tests. The test specimens shall be taken no nearer the selvage than $1/10$ the width of the cloth. Two parallel lines, 3 inches apart, shall be drawn at right angles to the long dimension of the specimen. In addition, a line shall be drawn parallel to the long dimension of the specimen, 1 inch in from either edge for proper alignment of the specimen in the jaws of the testing apparatus.

Test apparatus. The test device shall be an apparatus wherein the specimen is held between two clamps. The design of the upper clamp shall be such that one gripping surface or jaw shall be an integral part of the rigid frame of the clamp. The face of the movable jaw shall measure 1 inch by 1 inch, and the face of the fixed jaw shall measure 1 inch by 1-1/2 or more inches with the long dimension perpendicular to the direction of application of the load. The lower clamp shall have similar jaws and, when weight is attached, shall weigh a total of 6 pounds. The jaws shall have smooth gripping surfaces, sufficiently flat and parallel to prevent slipping of the specimen during the test.

Procedure. The specimen shall be placed symmetrically in the clamps of the apparatus with the long dimension parallel and the short dimension at right angles to the direction of the application of the load. Using the specified guidelines, the specimen shall be aligned with one outside edge of the front jaws of each clamp. The proper weight shall be added to insure a total of 6 pounds (including the weight of the lower jaws). The load shall be applied for 15 seconds and the distance between jaws measured by a pair of dividers or other suitable instrument. The elongation at the required load shall be expressed as the percent increase in the length of the specimen between the jaws. The percent stretch shall be calculated as follows:

$$\text{Percent stretch} = \frac{\text{Stretch dimension} - \text{Original 3-inch dimension}}{\text{Original dimension (3 inches)}}$$

The results obtained shall be reported separately to the nearest 1.0 percent.

b. pH. The pH value of the water extract of the finished cloth shall be no less than 5.0 nor more than 8.5 when tested in accordance with FED-STD-191, Test Method 2811.

Thread. The cotton thread for seaming and stitching shall be White AH, C.A. 66050 and shall be a mercerized finish, machine thread, Ticket No. B, 3-ply and Ticket No. A, 3-ply of A-A-52094.

Elastic webbing. The elastic webbing shall be braided, 2 over and 2 under, unbleached, and 7/16 inch wide. A 2-inch length of elastic webbing shall be stretched to 3 inches. While holding under tension and using a 1/4 inch gage, zigzag stitch the length of the elastic to inside of palm at wrist 1/4 to 1/2 inch below base of thumb. After stitching, the relaxed elastic webbing shall measure $2 \pm 1/4$ inches in length and shall be tacked at both ends of the webbing to prevent ravelling. The gage of the rubber used in the elastic webbing shall be 42. The webbing shall be .20 min. when tested in accordance with ASTM-D3776-85, Option C and shall have a minimum of 12 elastic strands, 25 carriers and 68 yarns per inch in the filling when tested in accordance with ASTM-D3775-85. The yarn size (± 2 counts/ply) shall be 20/2 when tested in accordance with ASTM-D1907-89.

Label/marking. Each glove shall be marked with a combination identification and size label. The marking shall be by heat transfer (decalcomania), direct printing, stamping, or stenciling, applied to the inside center back of wrist just above the hem, and shall not show on the outside of the glove; or a nonwoven, spunbonded polyester cloth or nonwoven, 80/20 polyester/cellulose cloth, impregnated and coated with a permanent pigmented acrylic composition, mildew-resistant printed label may be used. This latter type of label shall be attached at center of back of wrist by catching the bottom of label in hem stitching. The label shall show a minimum of class 4 to laundering when tested in accordance with AATCC 61-89. The inscription shall be as follows:

Item description	
Contract number	
National stock number	
Fur, Wool or Fiber Products Act	
information as applicable	
Contractor's name (bottom of label)	
	S I Z E

Laundrying instruction label. A printed slip of thin paper containing the following laundrying instructions shall be inserted in each right-hand glove:

GLOVES, MEN'S, CLOTH, DRESS, WHITE
LAUNDRING INSTRUCTIONS

Wash gloves in lukewarm water and soap.
Rinse thoroughly.
Do not twist or wring when pressing out water.
Stretch into shape and wrap in towel to dry.

Label/tag. Each item shall be individually bar-coded with the type VIII, class 17 label/tag of DDD-L-20. This label/tag 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.

Sizes and measurements. The finished gloves shall conform to the measurements below. Measurements A and B shall be made as indicated on Figure 1.

Finished measurements

Size (inches)	A - Width (inches)	B - Overall Length
Small	3-3/4 \pm 1/8	10-3/4 \pm 3/8
Medium	3-7/8 \pm 1/8	11-1/8 \pm 3/8
Large	4 \pm 1/8	11-1/4 \pm 3/8

Patterns. The Government shall furnish a single size pattern. The contractor is responsible for grading patterns for additional sizes. Commercial patterns may be used in lieu of the Government furnished pattern provided they conform to the cited design and finished measurements.

Workmanship. The finished gloves shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the contractor's own quality assurance standards and the quality assurance standards defined by the technical data in the bid package.

Product demonstration model. When required, offerers shall submit samples of their intended production. The product demonstration model will consist of units independently developed. Product demonstration models will be analyzed and evaluated by the Government. Evaluation criteria and basis for award are contained in the solicitation. Product demonstration models will be retained by the Government. One (1) product demonstration model approved by DPSC under the resultant contract will serve as a manufacturing standard for the corresponding production items delivered under this contract. Offerers are advised that the product demonstration model does not relieve the successful offerer of his responsibility to perform in accordance with the commercial item description specified above.

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

Quality assurance

Certification. The contractor shall certify that the product offered meets the salient characteristics of this 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 the first delivery and thereafter as may be otherwise provided for under the provisions of the contract. Reliance on contractor quality assurance systems shall not relieve the contractor of the responsibility to ensure that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract.

Examination

Visual examination. The gloves shall be examined for the following defects.

Defects. The gloves shall be examined for the following defects: any hole, cut, tear, color not as specified; any spot or stain (outside); thread ends not removed; label missing, incorrect, or illegible; measurement of item not as specified; any float, knots extending above the surface of the cloth, slub, smash, weak or soft spot, abrasion mark; edges frayed, slack, cut, torn, or poorly constructed; any crease or wrinkle, (embedded); stretch (stitch tension) knitting tension too tight or too loose; bar code omitted or not readable by scanner; human-readable interpretation (HRI) omitted or illegible; bar-coded type not as specified; code density not as specified.

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

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

Sources of non-Government documents

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.)

ASTM - Test Methods

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

Custodian:

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Preparing Activity:
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Project No. 8440-0207

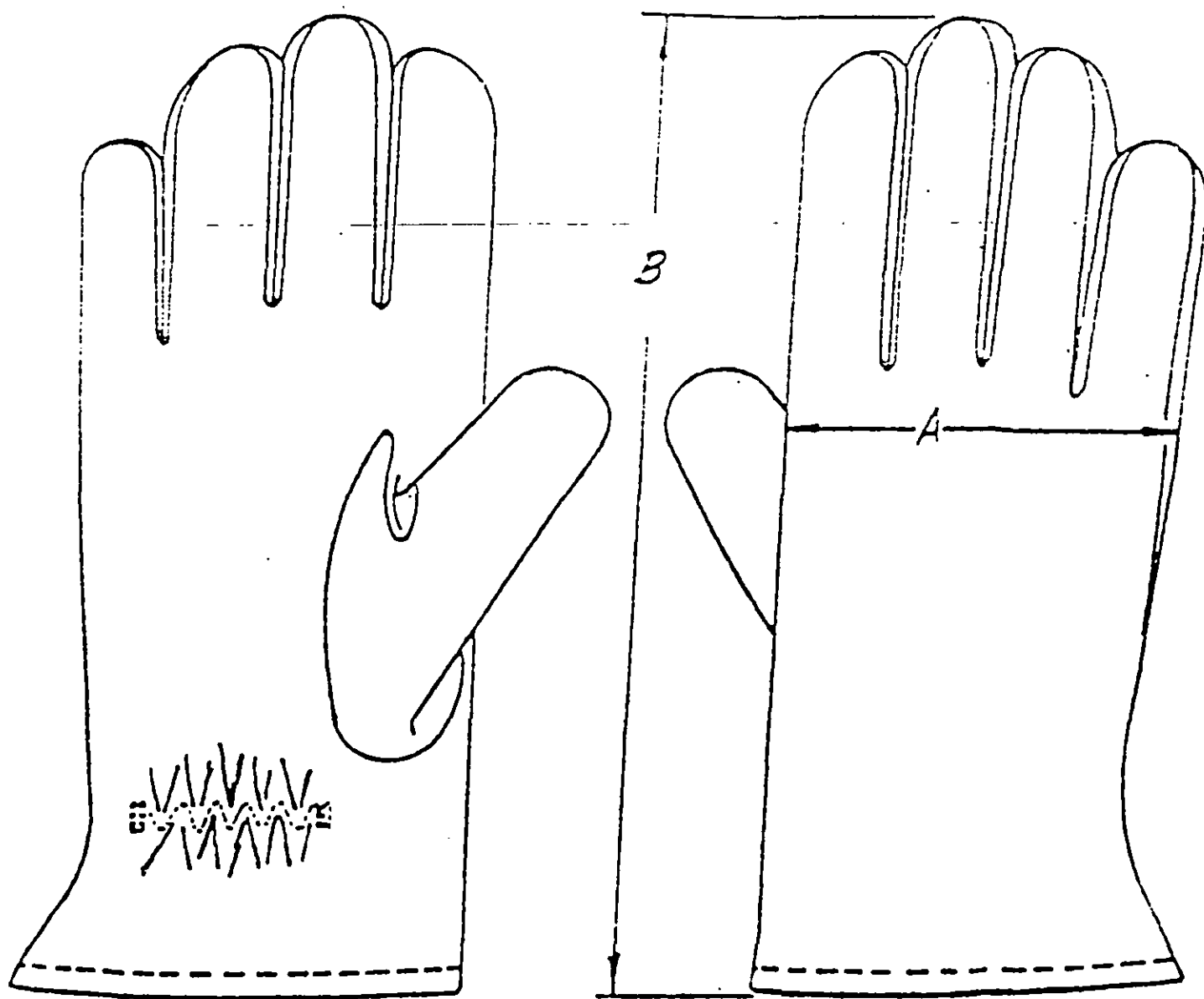


FIGURE 1. - GLOVES, MEN'S, CLOTH, DRESS, WHITE

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

RECOMMEND A CHANGE:	1. DOCUMENT NUMBER A-A-55236	2. DOCUMENT DATE (YYMMDD) 930913
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3. DOCUMENT TITLE
GLOVES, MEN'S, CLOTH, DRESS, WHITE

4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME (Last, First, Middle Initial)	b. ORGANIZATION	
c. ADDRESS (Include Zip Code)	d. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON (If applicable)	7. DATE SUBMITTED (YYMMDD)

8. PREPARING ACTIVITY

a. NAME Defense Personnel Support Center ATTN: DPSC-FSSD (12-3-D)	b. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON
c. ADDRESS (Include Zip Code) 2800 South 20th Street P. O. Box 8419 Philadelphia, Pennsylvania 19121-0419	IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 266-2326