

INCH-POUND

A-A-55060

JUN 19 1992

COMMERCIAL ITEM DESCRIPTION

GLOVES, MEN'S AND WOMEN'S HEAVY DUTY

The General Services Administration has authorized the use of this Commercial Item Description in preference to MIL-G-2366.

Classification. The men's and women's heavy duty leather work gloves shall be of one type.

SALIENT CHARACTERISTICS

Description. The gloves shall be a slip-on, half inseamed, all leather, gunnecut design with a buckle strap closure on the back of the wrist and a leather reinforcement covering the palm. The seam at the base of the fingers shall be provided with a leather reinforcement welt turned up to cover the stitching as shown in figure 1. The curved fingertips of the four fingers shall be shirred on the palm side prior to the closing operations. The buckles shall be 5/8 inch, double bar, tongueless, lip type and shall conform to type II, style 3, class 3 requirements of MIL-B-543.

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 self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 8415

DISTRIBUTION STATEMENT A.

Approved for public release;
distribution is unlimited.

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The gloves may be furnished in any of the following three alternate back constructions:

- Design I - One piece back and front, continuous thumb inseam with full welt insert, full grain leather, (see figure 1)
- Design II - Separate back and front pieces lap seam joined at junction of middle and index fingers, continuous thumb inseam with full welt inserted, full grain leather except back may be split leather, (see figure 2)
- Design III - Separate back and front pieces lap seam joined at thumb side of index finger, continuous thumb inseam with partial welt inserted, full grain leather except back may be split leather, (see figure 3)

Material

Tape. The tape for loop and buckle strap shall have an AATCC chromatic Transference Scale rating for wet crocking not lower than 1.5, and for dry crocking not lower than 3.5. The color of the tape shall closely match the color of the glove leather. The tape shall be of woven cotton using two ground warps (face and back), a binder warp, and filling. The face warp shall weave plain weave with picks that show on the face. The back warp shall weave plain with the picks that show on the back. The binder warp ends shall weave one up and one down. When latch type shuttleless looms are utilized, the filling yarn shall traverse the full width of the tape and shall be held at the edge by an extra catch-cord end interlacing with the filling yarn. When bobbin type shuttleless looms are utilized, interlacing of the catch-cord and filling shall occur within the selvage area before the first binder end. The weight of the tape shall be 0.21 ounce per linear yard minimum. The minimum yarns for the full width shall be 61 for the face and back warp, and 13 for the binder warp. For the filling, the tape shall have 42 yarns per inch (1 yarn per shed) of 20/2 ply, or 84 yarns per inch (2 yarns per shed) of 40/2 ply. The minimum breaking strength of the warp for full width shall be 16/2, and 20/2 for the binder. The yarn size for the filling shall be 20/2 or 40/2.

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Leather. The gloves shall be made from full grain cattlehide or full grain horsehide. The full grain cattlehide shall conform to all requirements of type II, class A or B of MIL-L-40051 excluding the thickness requirements. The full grain horsehide shall conform to all requirements of type VII of KK-L-2004, except for thickness. Only split cattlehide leather shall be used for the back piece of the glove designs II and III as an alternative to the full grain leather. The split cattlehide shall conform to all requirements of type VIII of KK-L-2004 except that the split leather shall also conform to the colorfastness requirements specified for type V pf KK-L-2004, excluding the thickness requirements. The color of the leather shall be cream. The thickness of the parts of the finished gloves, except the welts, shall be not less than 3.1 ounces nor more than 4.0 ounces. The thickness of the leather welt strap and the thumb welt shall be not less than 2.0 nor more than 4.0 ounces. The gloves shall be paired with left and right hands of matching design style and corresponding leather types.

Label. Each glove shall have a combination size and identification label and the label shall show fastness to laundering transference. When cattlehide is used, the nomenclature in the label shall be Gloves, Heavy Duty, Cattlehide. When horsehide is used, the nomenclature in the label shall be Gloves, Heavy Duty, Horsehide. The label shall include the contract number, National Stock No., and contractors name in addition to the size of the glove. A Printed slip of thin paper containing instructions as indicated below shall be inserted in each right-hand glove:

WEARING INSTRUCTIONS

In cold weather wear gloves over glove inserts, cold weather.
In warm weather the glove without the insert is sufficient.
Fit gloves snugly but not tightly over glove inserts.
Adjust strap for fit.

Gloves and glove inserts are available in five sizes:
1, 2, 3, 4, and 5.

Wash gloves in mild soap and lukewarm water or dry-clean them.
Dry gloves and glove inserts away from extreme heat or flame.
Use for heavy work (construction, stevedoring, etc.).

When conditions require chemical protective handwear to be worn the leather gloves are to be worn over the chemical protective handwear to provide maximum durability.

Thread. The gloves shall be sewn with a natural color thread conforming to type II, class A, size F of V-T-295. As alternative, natural color polyester thread conforming to type II, class 1, subclass A, size A, size F of V-T-285 may be used. Neither cotton nor aramid threads shall be used for stitching any part of the glove.

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Patterns. The government shall furnish all five size patterns of the item.

Sizes and Measurements. The finished gloves shall conform to the measurements below.

Measurement of gloves

Size	Overall length 1/ (inches)	Width 2/ (inches)
1	9 3/8	4
2	9 3/4	4 1/2
3	10 1/8	5
4	10 1/2	5 1/2
5	10 7/8	6
Tolerance	+ 3/4, - 1/4	± 1/4

1/ The glove length shall be measured from tip of middle finger to edge of cuff.

2/ The glove width shall be stretched out and measured 1/2 inch from base of little finger.

Workmanship. After completion, the finished glove shall be thoroughly cleaned, and all loose thread, lint, and foreign matter removed.

Product Demonstration Model. When required, offerers shall submit two (2) pairs of gloves 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.

Responsibility for Inspection. The supplier is responsible for assuring the product conforms to the requirements. Glove lots will be inspected to determine conformance with the Commercial Item Description and the successful offerer's technical proposal as negotiated. Acceptability of glove lots will be determined by the use of "Sampling Procedures and Tables for Inspection by Attributes", ANSI Z1.4, published by the American Society for Quality Control. Sampling procedures will be designated by the Government at the time of award. The sample unit is one glove and the sample size shall be drawn in pairs. Leather inspection shall be performed in accordance with FED-STD-311.

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; not properly mated (i.e., right and left not of same size); not full grain (applies to all parts except when cattlehide splits are used for design II and III back piece), not soft and pliable, grain damage or imperfections; leather improperly cut (i.e., excessive stretch in length direction, leather-flanky, loose or spongy, bony or thin spots); any component missing, not securely affixed or workmanship damage (i.e. crooked finger or glove inadequately formed, etc.); any open seams (when one or more stitches joining a seam are broken) or needle chews likely to develop into a hole. Twisted fingers or thumb where any part of the seam is rotated 45 degrees or greater from the vertical.

Packaging, Packing, Marking, and Palletization

Packaging, packing, marking and palletization shall be in accordance with ASTM-D 3951, Standard Practice for Commercial Packaging, as specified for shipments to the Department of Defense, including Section 7. Each pair of gloves, of one size only shall be stacked with every pair reversed end to end. One hundred and twenty pairs of gloves shall be packed in a snug fitting fiberboard box, class domestic style RSC-L, grade 275.

Note: Each shipping container shall contain only one National Stock Number (NSN).

Unitized loads, placing boxes on pallets, shall be used whenever total quantity for shipment to one destination exceeds 250 pounds (excluding the pallet) or 20 cubic feet. Pallets shall have a length of 40 inches and a width of 48 inches. Pallet loads, including the pallet, shall not exceed 54 inches in height, 43 inches in length and 52 inches in width.

The containers shall be bonded onto wing type commercial 4-way entry pallets.

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Note: All palletized loads shall contain only one NSN, to the maximum extent possible. When there is less than a pallet load per NSN, pallets may have containers not of the same NSN, but the pallet shall be clearly marked "mixed" and each applicable NSN shall be listed together with its total quantity.

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 Nongovernment Documents.

ANSI/ASQC Z1.4 - Sampling Procedures and Tables For Inspection
By Attributes

(Applications for copies should be addressed to American National Standards Institute, 1430 Broadway, New York, NY 10018-3308.)

ASTM-D 3951 - Standard Practice for Commercial Packaging

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

Custodian:
Army - GL
Navy - NU
Air force - 99

Civil Agency Coordinating
Activity:
GSA - FSS

Review Activity:
Army - MD
Air Force - 82, 45

Preparing Activity:
DLA - CT

User Activity:
Navy - MC, SH

Project No.
(8415-0874)

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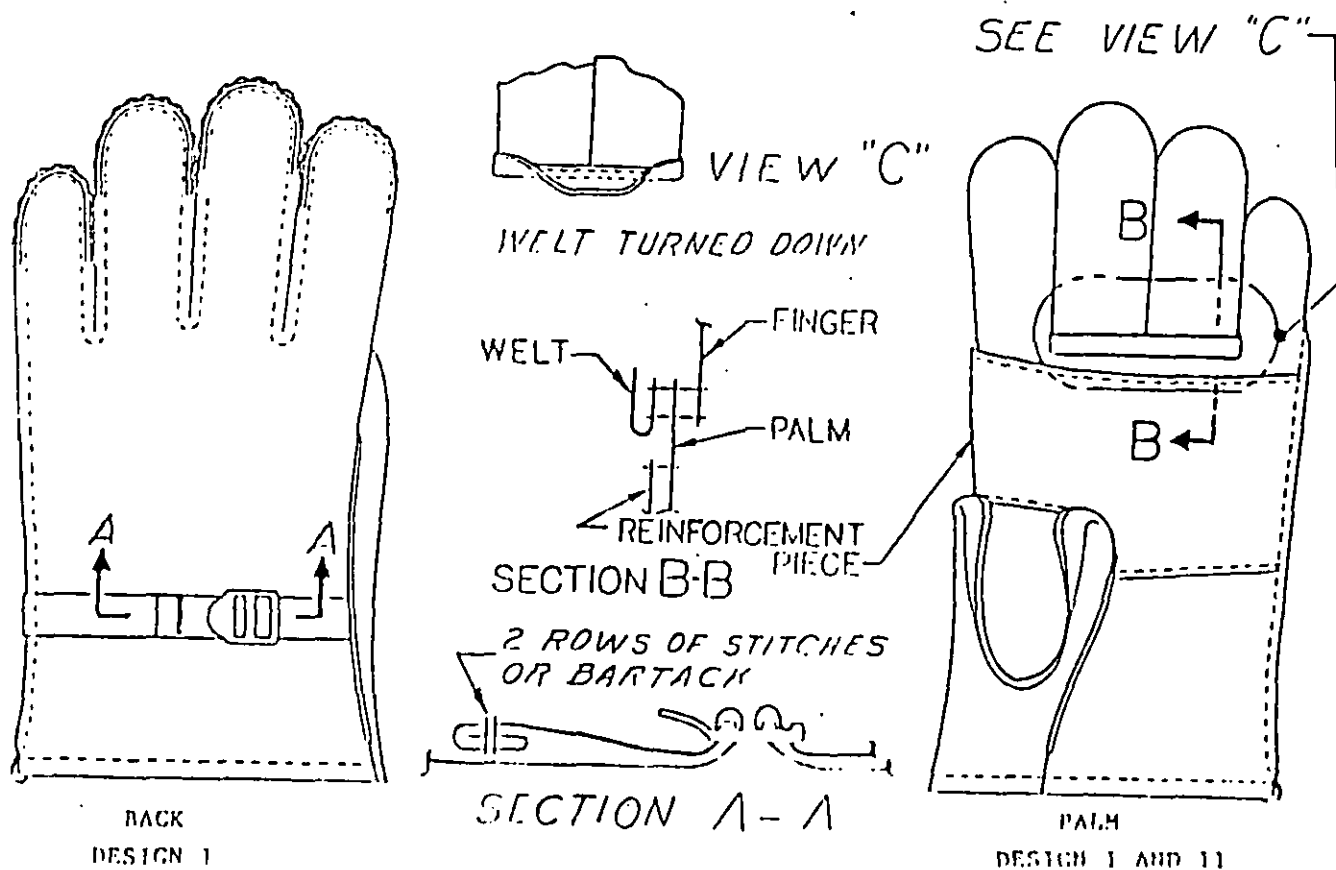
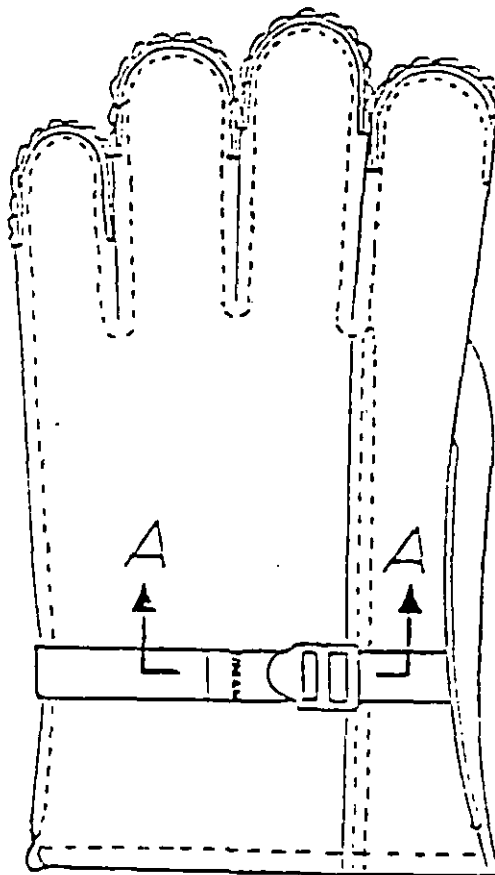


FIGURE 1 - GLOVES, MEN'S AND WOMEN'S, HEAVY DUTY

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FOR SECTION A-A SEE FIGURE 1



BACK

DESIGN II

FIGURE 2 - GLOVES, MEN'S AND WOMEN'S, HEAVY DUTY

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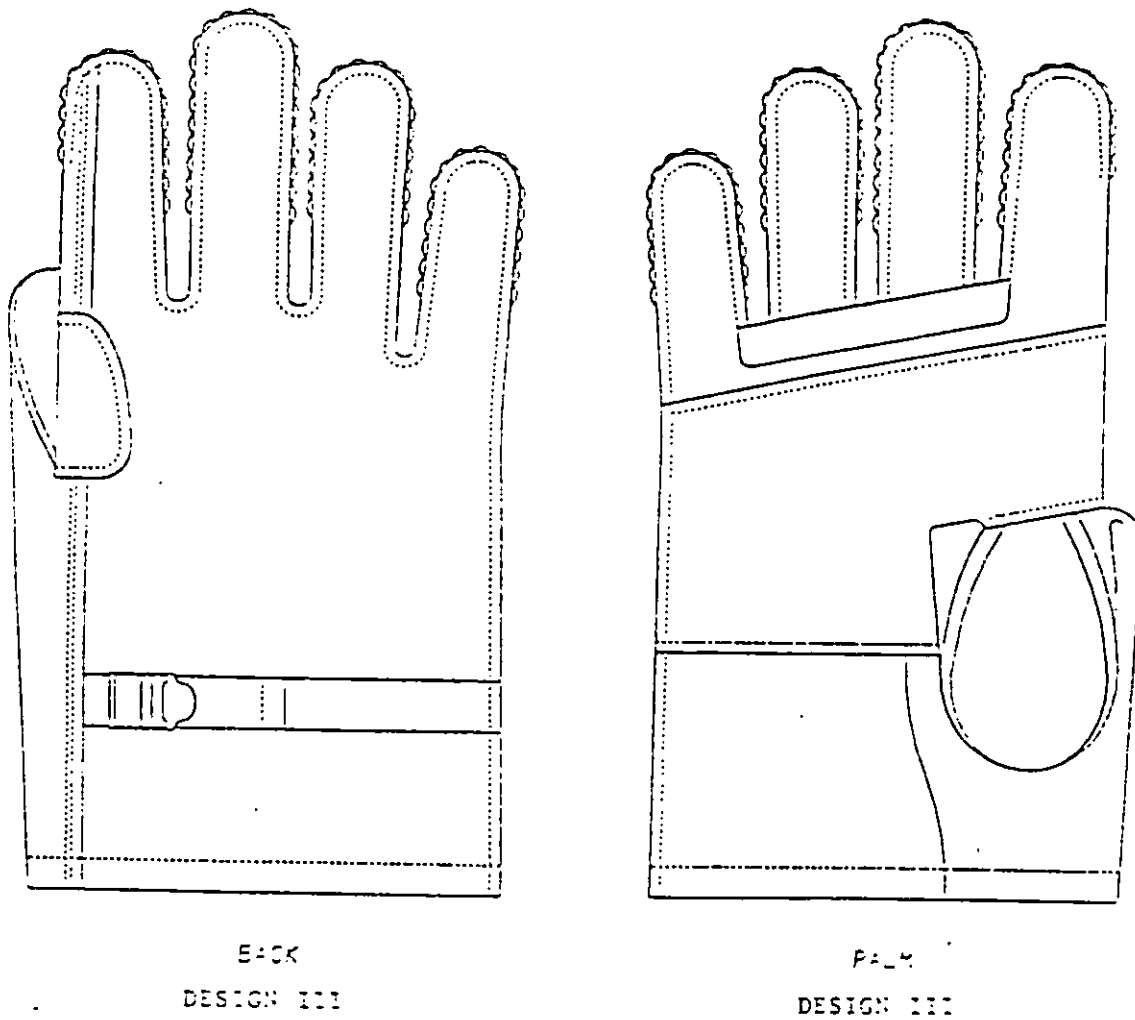


FIGURE 3 - GLOVES, MEN'S AND WOMEN'S, HEAVY DUTY

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.

1. RECOMMEND A CHANGE:		1. DOCUMENT NUMBER A-A-55060		2. DOCUMENT DATE (YYMMDD) 92-06-19	
3. DOCUMENT TITLE Gloves, Men's and Women's Heavy Duty					
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)		7. DATE SUBMITTED (YYMMDD)
			(1) Commercial		
			(2) AUTOVON (if applicable)		
8. PREPARING ACTIVITY					
a. NAME DLA-CT			b. TELEPHONE (Include Area Code)		(2) AUTOVON
			(1) Commercial (215) 737-81-5		444-8105
c. ADDRESS (Include Zip Code) 2800 South 20th Street Philadelphia, PA 19101-8419			IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Quality and Standardization Office 5201 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 AUTOVON 289-2340		