

INCH-POUND

A-A-50386

13 March 1991

## COMMERCIAL ITEM DESCRIPTION

## GLOVES, MEN'S AND WOMEN'S

This Commercial Item Description is authorized for use in preference to MIL-G-24909.

Description - The gloves shall be slip on style with sewn in bolton thumb and shall have one piece fourchettes, top opening with turned under hem and a cut and sewn fabric liner. The thread used for stitching shall be of any commercial type suitable for the purpose intended. The color of the thread used for stitching the leather shall be black, approximating the color of the leather and the color of thread used for stitching the liner shall be natural. When stitching the liner finger tips to the shell finger tips, the stitching shall go over or into the existing stitches at the finger tips. The chain portion of the stitching shall be on the inside of the glove. The stitch type for seaming, the seam type, stitch gauge and stitch length shall produce adequately durable seams throughout the gloves.

Material - The trunks shall be cut from leather conforming to type A, class 2, sub-class b, of KK-L-254. The minimum wet and dry colorfastness shall be Munsell 7.5 (wet) and Munsell 8.5 (dry). The leather shall have a thickness of 1-1/2 to 2-1/4 ounces. Folds or wrinkles more than 1/16 inch wide in the flat are not acceptable. The requirements for total ash, chromic oxide, and pH are not applicable. The leather shall not discolor the water in the shrinkage temperature test. The leather shall be developed dyed black and shall approximately match shade number 27038 of FED-STD-595. The color shall be uniform throughout, and shall completely penetrate the leather from the grain side to the flesh side. NOTE: A developed dye is a skin whose color is obtained by the application of a dye, subsequent application of a suitable nitrite, followed by a developer.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Officer in Charge, Navy Clothing and Textile Research Facility, P.O. Box 59, Natick, MA 01760-0001 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 8440

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

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Fabric liner - The liner shall be made from a plain knit 50% polyester/50% wool (+ 5% for each fiber) fabric. The fabric shall have a minimum weight of 6.0 ounces per square yard and shall have 13-15 wales per inch and 13-15 courses per inch of a single yarn. The face side of the fabric shall be lightly napped. The color shall be natural or light beige. Recycled, reprocessed, or reused wool or polyester fibers are permitted.

Sizes. The gloves shall be of one type only in the following sizes as specified.

1 - 1C - 2 - 2C - 3 - 3C - 4 - 4C - 5 - 5C - 6 - 6C - 7 - 7C - 8 - 9 - 10

NOTE: Cadet sizes have shorter fingers. All sizes are "Unisex", however, sizes 1 through 3C are graded to accommodate the greatest percentile of women and sizes 4 through 10 are graded to accommodate the greatest percentile of men.

Label - A commercial type label is acceptable provided that additional printed cloth labels containing the contractors name, contract number and NSN is caught in the stitching of the commercial label. The commercial label may include care instructions and fiber content.

Sizes and measurements - The finished gloves shall conform to the dimensions specified below. All measurements and tolerances are expressed in inches. All measurements shall be taken without distorting the finished glove.

Size	Overall Length (A)	Thumb Length (B)	Width (C)
1	9-3/4	2-3/8	3-3/8
1C	9-1/2	2-1/8	3-3/8
2	9-7/8	2-1/2	3-1/2
2C	9-5/8	2-1/4	3-1/2
3	10-1/4	2-5/8	3-3/4
3C	10	2-3/8	3-3/4
4	9-5/8	2-3/8	4
4C	9-3/8	2-1/8	4
5	10	2-1/2	4-1/8
5C	9-3/4	2-1/4	4-1/8
6	10-1/4	2-5/8	4-1/4
6C	10	2-3/8	4-1/4
7	10-1/2	2-3/4	4-1/2
7C	10-1/4	2-1/2	4-1/2
8	10-3/4	2-7/8	4-5/8
9	11	3	4-3/4
10	11-1/4	3-1/8	4-7/8
Tolerance:	+ 1/4	+ 1/8	+ 3/16

NOTE: Refer to Figure 1 for A, B, and C measurements.

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Pairing - The gloves shall be matched, paired, placed palm to palm and tacked. Tacking shall be done with no less than two stitches, using a suitable ply cotton thread which will permit the gloves to be separated without tearing the leather.

Patterns - The government shall furnish a single size pattern. The contractor is responsible for grading patterns for additional sizes. The pattern generally provides for a seam allowance of 1/16 to 3/32 for leather to leather seaming operations and 3/32 to 3/16 for liner seaming operations, except to top opening, which allows for a 3/8 to 1/2 inch hem. Commercial patterns may be used in lieu of government patterns provided they conform to the cited design and finished measurements.

Workmanship - After completion, the gloves shall be thoroughly cleaned and all foreign matter removed.

Product demonstration model - Offerers are required to submit two (2) pairs of gloves of their intended production and style. 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 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 selection done in pairs. The gloves will be examined for commercial type defects.

Defect - The gloves shall be examined for the following defects: any hole, cut, tear, needle chew, abraded surface, weak or thin spot, hard scars, brittle or bony area, or deep grain damage; leather shaded throughout the glove; color not as specified; any spot or stain (outside); thread ends not removed; stitching of liner finger tips to shell finger tips not as specified; not cut or fabricated in accordance with the product demonstration model; mispaired, i.e., two lefts or two rights; label missing, incorrect, or illegible; measurement of item not as specified; and any variation not otherwise classified herein but at variance with the product demonstration model.

Preservation - Ten (10) pairs of properly mated gloves of one size only, shall be neatly stacked in a bundle with every other pair reversed fingertip to cuff. Each bundle shall be loosely bound around the center with any suitable commercial grade kraft paper. The ends of the paper wrapper shall be either pinned, pasted, or secured with gummed paper tape (1 inch minimum width), or pressure sensitive tape.