

INCH-POUND  
A-A-50355A

10 April 1989

## COMMERCIAL ITEM DESCRIPTION

### GLOVES, CLOTH, VINYL COATED, MEN'S AND WOMEN'S

This Commercial Item Description is authorized for use in preference to MIL-G-29114.

#### 1. SALIENT CHARACTERISTICS

**1.1 Design and construction.** The gloves shall be manufactured from plain or jersey knit fabric, 100% cotton, natural color, constructed from a two piece cut and sew process, and poly vinyl dipped (see Figure 1). All seams shall be to the inside of the glove. Seam allowances shall be minimum. The coating compound shall be suitably compounded to provide a good gripping surface, and abrasion resistance for the finished glove. The color of the finished glove shall be tan/yellow.

**1.2 Sizes.** The glove shall be furnished in medium and large sizes for both men and women (see 4.2).

**1.3 Resistance to abrasion.** The coated fabric shall show no evidence of break thru after 500 cycles when tested per FED-STD-191, Test Method 5306 with a 1000 gr. weight on each H-18 wheel. The test shall be conducted on the coated side of cloth and the evaluation shall be performed from the uncoated side of the cloth.

**1.4 Measurements.** The gloves shall be of the following dimensions (in inches):

	Men's		Women's	
	Medium	Large	Medium	Large
(A) Overall length (Min.) (Cuff edge to tip of second finger)	9 1/8	9 5/8	9 1/8	9 5/8
(B) Palm width (Min.) (At thumb crotch from folded edge to folded edge)	4 1/8	4 3/8	3 1/2	3 5/8

Refer to Figure 1 for location of (A) and (B) measurements.

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, 21 Strathmore Road, Natick, MA 01760-2490 by using the self-addressed Standardization Document Improvement Proposal ((DD Form 1426) appearing at the end of this document or by letter.

ASMC N/A

FSC 8415

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1.5 Patterns. The patterns for cutting the gloves shall be furnished by the contractor, and shall be of the proper proportions to provide gloves conforming to the finished measurements specified in 1.4.

1.6 Labeling and pairing. In addition to any commercial markings, each glove shall be legibly stamped with the size, contract name and contract number. The gloves shall be paired by any commercially accepted method.

1.7 Approved Styles. The following styles meet the requirements of this description:

Edmont - Styles 22515 (Men's) and 22516 (Women's)  
Best Manufacturing - Style 960

Other manufacturers may submit their styles to the procuring activity for evaluation by the Specification Preparing Activity and ultimate inclusion in this document if approved.

1.8 Workmanship. The gloves shall be uniform in quality and shall be free from irregularities or defects which adversely affect performance, reliability, or durability.

1.9 Product demonstration model. During the solicitation phase, interested firms (including the manufacturer of the above approved styles) shall provide the Procuring Agency with two product demonstration models of the item they propose to furnish for evaluation. The two samples provided by the successful offerer shall be tagged and sealed. One shall be retained by the Procuring Agency and the other furnished the assigned Quality Assurance Representative for use as a reference in performing the examination in paragraph 2.2 and the scoring of defects in design, material and workmanship not otherwise classified herein.

## 2. QUALITY ASSURANCE

2.1 Certification. When requested by the Contracting Officer, the contractor shall certify that the product offered meets the salient characteristics of this description and the product demonstration model. It shall conform to the producer's own drawings, specifications, standards and quality assurance practices when it is the same as the product offered for sale in the commercial marketplace.

2.2 Examination of the end item. The gloves shall be inspected in accordance with MIL-STD-105. The defects found during the examination of the end item shall be classified as below. The applicable inspection levels and acceptable quality levels (AQL's) shall be as indicated below. The lot size shall be expressed in units of one glove each. The sample unit shall be one glove and selection shall be by pairs. Defects for pairing shall be classified as a single defect.

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Defects	Classification	
	Major	Minor
<b>I. MATERIAL DEFECTS AND DAMAGES</b>		
A. Hole, cut, tear, smash, needle chew, burn lump, uncoated or abraded surface, or evidence of delamination on the outside of gloves	X	
B. Evidence of strike through of the coating on the inside of gloves affecting comfort or function		X
C. Color of the coating not as specified		X
<b>II. CLEANNES</b>		
A. Any spot or stain (outside)		X
B. Thread ends not removed (except for chain on stitch type 401)		X
<b>III. DESIGN AND ASSEMBLY</b>		
A. Not cut or fabricated in accordance with the approved styles/product demonstration model	X	
<b>IV. PAIRING</b>		
A. Mismatched, i.e., two lefts or two rights or mixed sizes	X	
<b>VI. SEAMS AND STITCHING</b>		
A. Seam puckered, twisted, pleated or any part of glove caught in an unrelated operation	X	
B. Any open seam, loose stitch tension or seam, stitch type and stitches/inch not in accordance with the approved style/product demonstration model		X
<b>VII. LABEL (MARKING)</b>		
A. Omitted, incorrect, illegible, or incomplete		X
<b>VIII. GENERAL</b>		
A. Any defect not otherwise classified herein but at variance with the approved style/product demonstration model		X
<b>IX. DIMENSIONS</b>		
A. Less than minimum specified	X	

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2.3. Inspection levels and AQL's. The inspection levels and the acceptable quality levels (AQL's), expressed in defects per 100 units for visual and dimensional examination, shall be as follows:

	<u>AQL's</u>	<u>Inspection level</u>
Major	2.5	II
Total (Major and Minor combined)	10.0	II

### 3. PACKAGING, PACKING, AND MARKING

3.1 Packaging, packing and marking. Twelve (12) pair of gloves shall be bundled and securely tied. One hundred forty four (144) pair of gloves of one size only shall be packed in a fiberboard shipping container conforming to type CF, class domestic, variety SW, grade 275 or type SF, class domestic, grade 275 and style RSC-L of PPP-B-636. The container shall have a liner conforming to type CF, class domestic, variety DW, grade 200 of PPP-B-636. Marking shall be in accordance with MIL-STD-129.

3.2 Palletization. Gloves packed as specified shall be palletized on a 4-way entry pallet in accordance with load type 1A of MIL-STD-147. Each prepared load shall be bonded in accordance with bonding means C, K, and L or O or P. Pallet pattern shall be in accordance with the appendix of MIL-STD-147.

The pallet shall be 4-way, Type IV; Type V, Class 1, Size 2; or Type VIII, fabricated from wood group I, II, III or IV, Grade A of NN-P-71, or 4-way Style 1, Size A, Type I, Class 1 fabricated from wood groups specified of MIL-P-15011. Interlocking of loads shall be effected by reversing the pattern of each course. If the container is of a size which does not conform to any of the patterns specified in MIL-STD-147, the pallet pattern used shall be approved by the contracting officer.

### 4. NOTES

4.1 Intended use. This Commercial Item Description covers vinyl coated gloves to be used by ammunition and pyrotechnic material handlers.

#### 4.2 Ordering data.

- Title, number, and date of this document.
- Style required (men's or women's) (see 1.2).
- Sizes required (see 1.2).
- When palletization is required (see 3.2).

Preparing Activity:  
Navy - NU

Project Number:  
8415-0708

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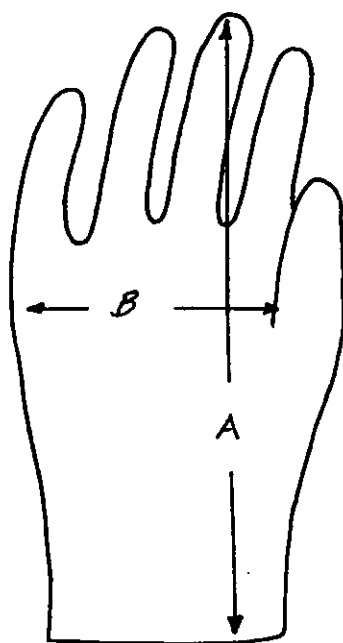


Figure 1 - Gloves, Cloth, Vinyl Coated, Men's and Women's



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