

INCH-POUND
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A-A-55177A

01 November 2000

SUPERSEDING

A-A-55177

03 March 1993

## COMMERCIAL ITEM DESCRIPTION

### SUSPENDERS, INDIVIDUAL EQUIPMENT BELT, LC-2

The General Services Administration has authorized the use of this Commercial Item Description in preference to MIL-C-43129.

1. Scope. The suspenders are designed for use with the individual equipment belt on which are suspended items of field equipment such as water canteen, ammunition cases, and other items required by the soldier in the field. The suspenders come in one size only and are intended to fit individuals of all size ranges.

2. Salient Characteristics. The cloth for the pad cover shall be Camouflage (Green 483, water repellent, nylon cloth. The spacer cloth for the pad shall be medium density polyethylene, 15.0 oz sq./yd (min) or polyethylene or polypropylene yarn 8.25 oz sq. yd (min), color optional. The webbing shall be nylon, 2-1/4 inches wide, dyed Camouflage Green 483 and resin impregnated for the shoulder straps and back support piece. The front keeper strap webbing, shall be elastic, dyed Camouflage Green 483. Ends of the webbing; including bias cuts; shall be fused smooth. Fusing of the webbing ends shall be accomplished prior to assembling for stitching. The apparatus used to fuse the webbing ends shall be capable of providing sufficient heat to provide a smooth edge with the cut ends of the webbing yarns all fused together. The polyester thread for all stitching shall be twisted soft multiple cord, normal elongation, general purpose or nonwicking finish. Color shall be Camouflage (Green 483 and shall show fastness to weathering equal to or better than the standard sample. When no standard sample is available, thread shall show good fastness to weathering. Sizes shall be E for bartacking and F for all stitching except bartacking.

Beneficial comments (recommendations, additions, and 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: DSCP-COET, Bldg 6D542, 700 Robbins Avenue, Philadelphia, PA 19111-5092.
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AMSC N/A

FSC 8465

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

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The strap fastener loops shall be brass, "black", 1-1/16 X 1/4 inch as shown in figure 1. The buckles shall be non-slip 1-inch steel "black", as shown in figure 1. The side retaining snap hooks shall be 1-inch wire body with a fixed loop eye. The cloth for the marking shall be impregnated and coated with a permanent acrylic composition.

### 3. Marking

3.1 "US" Epithet. The letters "US" shall be applied in the size characters and in the location indicated in figure 1. The method of application may be direct printing, stamping or stenciling. The marking medium shall be black and colorfast. The initial print shall be well defined, clearly legible, and shall not show smearing, bleeding, or offsetting and shall not show objectionable strike-through of the cloth to which it is applied.

3.2 Identification. Identification markings shall be centrally located on one of the pad covers. The identification marking shall contain the item nomenclature, contract number, national stock number and contractor's name. The letters shall be 1/4" high. The method of application and medium requirements shall be the same as for the "US" epithet.

3.3 Label/Tag. Each item shall be individually bar-coded with a paper tag. The paper tag shall be standard bleach sulfate having a basis weight of 100 pounds. The paper used for the tags shall have a smooth finish too 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 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. 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 products provided shall meet the salient characteristics of this Commercial Item Description, conform to the producer's own drawings, specifications, standards and quality assurance practices, and be the same product offered for sale in the commercial market place. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter, as may be otherwise provided for under the provisions of the contract, reliance on contractor QA systems shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the government for acceptance comply with all requirements of the contract.

5.2 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.

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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 DSCP 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.

5.3 Examination. Lots of suspender shall be inspected in accordance with "Sampling Procedures and Tables for Inspection by Attributes", ANSI/ASQC Z1.4, published by the American Society for Quality Control and shall be inspected for the defects listed below:

5.3.1 Defects. The suspenders shall be inspected for the following defects: Any hole, cut, tear, smash, broken or missing yarn or open place; color not as specified; any spot or stain {outside; thread ends not removed; measurement of item not as specified. Webbing, nylon or elastic with a hole, cut tear, or smash; not firmly and tightly woven, edges frayed or scalloped (nylon); multiple floats or other misweave; abrasion mark, slub, or broken end or pick; cut ends not fused as specified. Hardware broken or malformed failing to serve intended purpose, corroded area, burr or sharp edge; finish omitted or not as specified; area of no finish, not assembled as specified; not specified style, type or size. Any open seam 1/2 inch or more. Any component part omitted or not as specified. Front straps not positioned through 1-inch non-slip buckle and elastic keeper as indicated in figure 1. "US" and identification markings omitted, incorrect, illegible, or misplaced. 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 area. Inadequate application of components, such as: incomplete closure of container flaps, loose strapping, improper taping or inadequate stapling. The finished suspenders shall conform to the dimensions specified in figure 1. Any dimension that is not within the established tolerance shall be classified as a defect. Items not packaged in accordance with the contract or purchase order.

5.4 Acceptance criteria. Acceptance criteria shall be as specified in 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 4  
700 Robbins Avenue

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Philadelphia, PA 19111-5092

### 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.)

**Custodian:**

Army - GL  
Navy - NU  
Air Force - 99

Civil Agency Coordinating  
Activity;  
GSA - FSS

**Review Activity:**

Army - MD  
Navy - MC  
Air Force -11, 82

Preparing Activity:  
DLA - CT

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