

INCH-POUND

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-S-43829.

Abstract. 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.

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, 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 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.

Marking. The identification marking shall be applied to the cloth by a black marking medium. The initial print shall be well defined, clearly legible, and shall not show smearing, bleeding, or off-setting and shall not show objectionable strike-through of the cloth to which it is applied. The letters "US" shall be applied in the size characters and in the location indicated in figure 1.

Workmanship. After completion, the finished suspenders shall be thoroughly cleaned, and all loose thread, lint, and foreign matter removed. The textile components shall be free of defects, such as holes, tears, loose weaving, or unfused ends. The hardware shall be free of corroded areas, sharp edges, or unfinished areas and capable of performing intended use.

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.

**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 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.

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Examination. Lots of suspenders 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.

Visual Examination. The inspection level for visual examination shall be II and the AQL, expressed in terms of defects per hundred units, shall be 1.5 for major defects and 6.5 for total (major and minor) combined defects. The sample unit is one suspender.

Dimensional Examination. 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. The sample unit shall be one suspender; the inspection level shall be S-3, and the AQL shall be 2.5 expressed in terms of defects per hundred units.

Packaging Examination. The fully packaged shipping containers shall be examined in accordance with defects listed below. The lot size shall be expressed in units of shipping containers. The sample unit shall be one shipping container fully packaged. The inspection level shall be S-2 and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 2.5.

<u>Examination</u>	<u>Defect</u>
Marking (exterior and interior)	Omitted; incorrect; illegible; of improper size, location, or method of application
Materials	Any component missing, damaged, or not specified
Workmanship	Inadequate application of components, such as: incomplete closure of container flaps, loose strapping, improper taping, or inadequate stapling
Content	Number of items per container is more or less than required  NSN shown on one or more items not as specified on shipping container
Palletization	Length, width, or height exceeds specified maximum requirements  Pallet type not as specified  Load not bonded as specified

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Defects. The suspenders shall be examined 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 marking omitted, incorrect, illegible, or misplaced.

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

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 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 -45, 82

Preparing Activity:

DLA - CT

User Activity:

Navy - YD

Project No.

8465-0132



## 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.

## I RECOMMEND A CHANGE:

1. DOCUMENT NUMBER

A-A-55177

2. DOCUMENT DATE (YYMMDD)

93-03-03

## 3. DOCUMENT TITLE

SUSPENDERS, INDIVIDUAL EQUIPMENT BELT, LC-2

## 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

215-737-8105

(2) AUTOVON

444-8105

c. ADDRESS (Include Zip Code)

2800 South 20th Street  
P. O. Box 8419  
Philadelphia, Pennsylvania 19101-8419

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) 756-2340 AUTOVON 289-2340