

INCH-POUND

A-A-50391

24 June 1992

COMMERCIAL ITEM DESCRIPTION

FOOTWEAR COVERS, DISPOSABLE

This Commercial Item Description is authorized for use in preference to MIL-F-87023.

Description - The footwear covers shall be a pull-on, disposable type of a single shape (for either foot) with an elastic top closure, made from flexible vinyl film. All seams shall be heat sealed and the outsole shall have an embossed non-skid pattern. The top closure shall be turned down 1-1/8 to 1-1/4 inch with an elastic tape inserted before heat sealing.

Material - The basic material shall be vinyl film conforming to type I, class 1 of L-P-375. The thickness for the upper portion shall be 0.008 (± 0.0008) inch. The thickness for the outsole shall be 0.040 (± 0.004) inch and tested as specified for the 0.020 inch film of L-P-375. The elastic tape for the top closure shall be of any commercial type suitable for the purpose intended and shall be 5/8 ($\pm 1/16$) inch wide. The thread used for joining the ends of the elastic tape shall be of any commercial type suitable for the purpose intended. The color of the tape and thread shall be white or natural.

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, Post Office 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 8430

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

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Sizes - The footwear covers shall be provided in the following sizes:

<u>Size</u>	<u>Related Shoe Size</u>
Small	Up to and including size 6
Medium	Size 6½ up to and including size 8
Large	Size 8½ up to and including size 10
X-Large	Size 10½ up to and including size 13

Label. A commercial type label is acceptable provided that an additional label is placed on the footwear cover by printing, stamping, stenciling or printed on a pressure sensitive label that will adhere to the plastic containing the contractor's name, contract number, size, and NSN.

Patterns. The government shall furnish a single size pattern. The contractor is responsible for grading patterns for additional sizes. The government patterns shall be used to make the contractor's working patterns. The government patterns shall not be altered in any way. The working patterns may be modified to accommodate automation; however, if the working patterns are modified the design and measurements must be maintained as intended by government patterns. Commercial patterns may be used in lieu of government patterns provided they are approved for use by the government and conform to the cited design and finished measurements.

Measurements - The finished dimensions of the footwear covers shall be as indicated below and Figure 1. All measurements are in inches.

	<u>Small</u>	<u>Medium</u>	<u>Large</u>	<u>X-Large</u>	<u>Tolerance</u>
(A) Top Relaxed (Flat)	6	6	6	6	± 3/8
(B) Top Stretched (Flat) (min)	7	8	9	10	
(C) Height (min)	11	11	11	11	
(D) Sole Length <u>1</u> /	11-1/8	12-1/4	13-1/8	14	± 3/8
Sole Width (Widest Part)	4-3/4	5-1/4	5-7/8	6-5/8	± 3/8
(E) Height Toe (min) <u>2</u> /	4	4	4	4	

1/ Inclusive of sealed seam.

2/ Measurement shall be the actual surface (flat) distance taken from sole edge to upper seam.

Workmanship. The finished footwear covers shall be thoroughly cleaned and foreign matter removed.

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Product Demonstration Model. Offerers are required to submit footwear covers of their intended production and style. 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 this 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. Footwear cover lots will be inspected to determine conformance with the Commercial Item Description and the successful offerer's technical proposal as negotiated. Acceptability of footwear cover 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 footwear cover. The footwear covers will be examined for commercial type defects only.

Defect. The footwear covers shall be examined for the following defects: any hole (including pin hole), cut, tear, blister or bubble, any crack, crater, crazing, rupture, wrinkle or burn; any weak or thin spot; not material specified, any rough edge; excess material not trimmed after heat sealing; any spot or stain (outside); outsole walking surface not embossed with non-skid pattern; any open seam; inadequate heat seal i.e., seam can be easily pulled apart with moderate hand pressure; permanent size label omitted; not cut or fabricated in accordance with the product demonstration model; label missing, incorrect, or illegible; measurement of item not as specified; and any variance not otherwise classified herein but at variance with the product demonstration model.

End Item Testing - The seams of the footwear covers shall be tested for bondability. The minimum bond strength shall be determined by the tensile strength test method in L-P-375, but the breaking factor shall be the basis for comparison. The result shall be no less than 65% of the breaking factor of the .008 inch film. The percent breaking strength shall be determined by the following:

$$\% \text{ Breaking strength} = \frac{\text{Break factor of bonded seam}}{\text{Break factor of .008 inch film}} \times 100$$

Preservation - Each pair of footwear covers, with the soles facing each other and reversed heel to toe, shall have the uppers laid flat and then wrapped around the soles and heels.

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Packing - Sixty (60) pair of footwear covers of one size only, preserved as specified above, shall be packed in a fiberboard shipping container assembled, closed, and reinforced conforming to type CF, class domestic, grade 275, variety SW or DW, style RSC-L, CSSC-L, or OSC-1 of PPP-B-636. The fiberboard for the box liner shall conform to type CF, class domestic, variety SW or DW, grade 275 of PPP-B-636. Packages shall be packed flat, four in length, one in width, and fifteen in depth within the shipping container. The container inside dimensions shall approximate 22 inches in length, 15 inches in width, and 11 inches in depth. Box closure shall be in accordance with method II of PPP-B-636.

Marking. In addition to any special marking required by the contract or order, unit packs, intermediate or exterior containers and palletized unit loads shall be marked in accordance with the requirements of MIL-STD-129.

Palletization. When specified in the contract, items packed as specified above, shall be palletized on 4-way entry pallet in accordance with load, type Ia of MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with the bonding methods C and D or Film bonding F or G. Pallet patterns 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, or IV, grade A of NN-P-71, or 4-way, style 1, size A, type I, class 1 fabricated from wood groups specified in 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 first be approved by the contracting officer.

Custodian:
Navy - NU

Preparing activity:
Navy - NU

Review activity:
DLA - CT

Project 8430-N402

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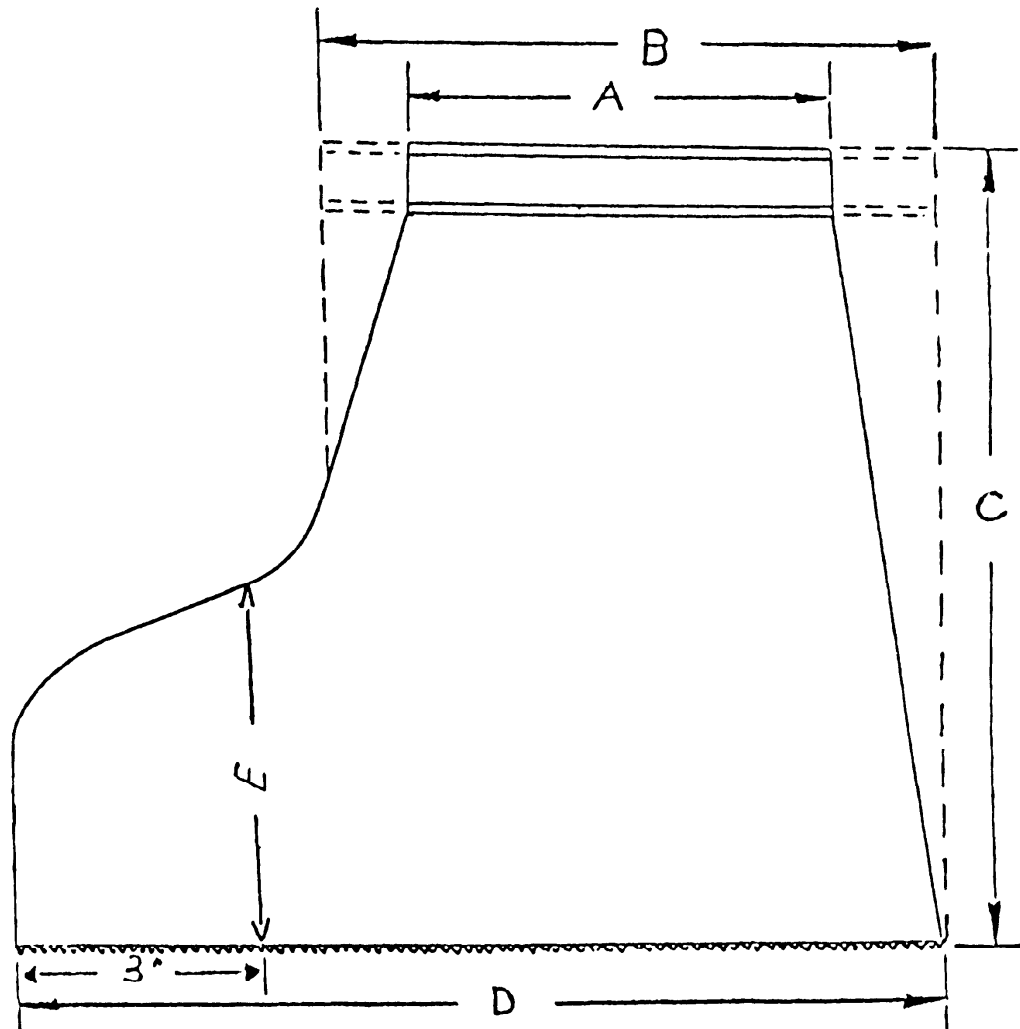


FIGURE 1 - FOOTWEAR COVERS, DISPOSABLE

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-50391	2. DOCUMENT DATE (YYMMDD) 24 June 1992
3. DOCUMENT TITLE FOOTWEAR COVERS, DISPOSABLE			
4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed)			
NEW			
5. REASON FOR RECOMMENDATION			
6. SUBMITTER			
a. NAME (Last, First, Middle Initial) CAULFIELD, LOUISE A.		b. ORGANIZATION NAVY CLOTHING AND TEXTILE RESEARCH FACILITY	
c. ADDRESS (Include Zip Code) P.O. BOX 59 NATICK, MA 01760-0001		d. TELEPHONE (Include Area Code) (1) Commercial (508) 651-4119 (2) AUTOVON 256-4119 (If applicable)	7. DATE SUBMITTED (YYMMDD) 24 June 1992
8. PREPARING ACTIVITY			
a. NAME		b. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON	
c. ADDRESS (Include Zip Code)		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	