

MIL-C-10632C(WC)  
31 December 1973  
SUPERSEDING  
MIL-C-10632B(WC)  
21 January 1966  
Amendment I  
6 November 1967

MILITARY SPECIFICATION

COVERS AND CASES, TEXTILE, ARMY EQUIPMENT,  
GENERAL SPECIFICATION FOR

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers textile covers and cases for  
Army equipment other than equipment issued to the individual soldier.

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invi-  
tation for bids or request for proposal, form a part of the specification  
to the extent specified herein.

SPECIFICATIONS

Military

MIL-P-14232 - Parts, Equipment and Tools For Army Material, Packaging  
And Packing Of

STANDARDS

Federal

FED-STD-595 - Colors

Military

MIL-STD-105 - Sampling Procedures and Tables for Inspection by  
Attributes  
MIL-STD-130 - Identification Marking of U.S. Military Property  
MIL-STD-171 - Finishing of Metal and Wood Surfaces

FSC 8340

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## DRAWINGS

Drawings applicable to the item being procured will be designated by the procuring activity.

(Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer).

### 3. REQUIREMENTS

3.1 First article. When specified (see 6.2), and as directed by the procuring activity, the contractor shall furnish the Government a first article consisting of one completed cover or case for all examinations and tests specified herein. Regular production shall not proceed until the first article has been approved.

3.2 Material. Materials shall conform to the material specifications referenced on the drawings (see 6.2).

3.3 Dimensions. Dimensions of covers and cases shall conform to the drawings designated in the contract or order.

#### 3.4 Government loaned property.

3.4.1 Patterns. When specified (see 6.2.1), Government patterns shall be used by the contractor as a guide for cutting of cloth sections and reinforcements of covers and cases.

3.4.2 Standard sample. When specified (see 6.2.1), the Government shall furnish the contractor a sample cover or case to be used as a standard for manufacture of the item under procurement.

3.5 Construction. When not shown on the cover or case drawings, arrangement and method of attachment of parts including cloth sections, webbing, fasteners and hardware shall conform to the standard sample of paragraph 3.4.2.

3.6 Color. Unless otherwise specified on the drawings or in the applicable material specification, the color of textiles shall be of uniform shades of Color Chip Numbers 34052, 34079, 34086, 34087, 34096 and 34102 of FED-STD-595 (see 6.2). Fasteners and hardware shall be of the color of the process specified for the protective coatings on the parts drawings.

3.7 Dyes. Direct dyes shall contain no materials which will cause corrosion of metals. The use of sulphur base dyes for items covered in this specification is prohibited.

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### 3.8 Protective coatings and treatments.

3.8.1 Mildew-resistance. All leather, cotton and linen materials including cotton duck, canvas, webbing, cordage and thread used in fabrication of covers and cases shall receive a mildew-resistant treatment in accordance with the applicable specification referenced on the drawing. Mildew-resistant treatment does not apply to nylon materials.

3.8.2 Flame and heat resistant treatments. Flame and heat resistant treatments shall conform to the applicable specifications referenced on the drawings.

3.8.3 Organic and inorganic finishes. Organic and inorganic finish of metal parts shall be in conformance with the finish number of MIL-STD-171 and applicable specifications referenced on the drawings.

### 3.9 Marking.

3.9.1 For mildew-resistant treatment. Each completed cover and case which has received a mildew-resistant treatment in accordance with applicable requirements shall be marked with the letters MRT. Commercial black waterproof ink or waterproof stencil paint shall be used for mildew-proof marking.

3.9.2 For identification. Each completed cover and case shall be marked for identification and nomenclature in accordance with the applicable drawings and MIL-STD-130. Commercial black waterproof ink or waterproof stencil paint shall be used for identification marking.

3.9.3 Size and location. Size and location of marking shall conform to the applicable drawings. When size of letters and numbers are not specified on the drawing they shall be at least one inch high or the maximum height possible where limited space necessitates the use of smaller marking. When location is not specified on the drawings, marking shall be located in such a position that it is readily observable.

3.10 Fit. Covers and cases shall fit the item for which they are intended without evidence of excessive interference or binding, such as ruptured fabric, broken stitches or seams and inoperable fasteners.

3.11 Workmanship. Covers and cases shall be free from rips or flaws in fabrics, loose or broken stitches, discontinuity or absence of protective coatings or finishes, dirt, shop coatings or other contaminating material. Metal parts shall be free of burrs and sharp edges.

## 4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the

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performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.2 First article sample. The first article of 3.1 shall be subjected to all examinations and tests herein. Should the first article fail to completely and satisfactorily pass the examinations and tests specified herein, the contractor shall take corrective action, satisfactory to the Government, after which inspection of the first article shall be repeated. Inspection for lot acceptance shall be delayed until corrective action has been verified.

4.3 Inspection provisions.

4.3.1 Certification. The Government representative shall be furnished certification by the contractor stating:

(a) The material used in the construction of the covers and cases conforms to the requirements specified in the applicable specification or on the applicable drawing.

(b) The dyes used conform to the requirements specified in the applicable specification.

(c) The mildew and flame resistance treatments are in conformance with the requirements specified in the applicable specification or on the drawing.

4.4 Sampling for lot acceptance.

4.4.1 Lot. A lot, for inspection purposes, shall consist of covers and cases that are of the same material, type, finish, size, and manufactured or packaged under essentially the same conditions. Lot formation shall be in accordance with MIL-STD-105.

4.4.2 Sampling for examination. A random sample of covers and cases, as applicable, shall be taken from each lot in accordance with MIL-STD-105 at Inspection Level II. The acceptable quality level (AQL) shall be as specified in Table I herein.

4.4.3 Sampling for fit test. A random sample of covers and cases, as applicable, shall be taken from each lot for the fit test in accordance with level S-3 of MIL-STD-105. The Acceptable Quality Level (AQL) shall be 1.5 percent defective.

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4.4.4 Sampling for packaging and packing. Sampling for examination of packaging, packing and marking shall be in accordance with MIL-P-14232.

4.5 Examination.

4.5.1 Visual and manual. Each sample, taken in accordance with 4.4.2, shall be examined to verify compliance with this specification. Examination shall be conducted in accordance with Table I.

TABLE I - Classification of Defects

<u>Categories</u>	<u>Defects</u>	<u>Method of Inspection</u>
Major	AQL = 2.5 percent defective	
101	Incorrect assembly or missing parts (3.5)	Visual
102	Incorrect functioning of locking devices and fasteners (3.5)	Manual
103	Color of textiles, not as specified (3.6)	Visual
104	Corrosion due to use of dyes (3.7)	Visual
105	Absence of mildew resistant treatment on specified material (3.8)	Visual
106	Finishes of metal parts, not as specified (3.8.3)	SIE *
107	Quality of covers and cases poor; items contain rips or flaws, loose or broken stitches, discontinuity or absence of protective coatings or finishes, dirt, shop coatings or other contaminating material, metal parts contain burrs and sharp edges (3.11)	Visual
108	Dimensions, not as specified (3.3)	SIE *
Minor	AQL = 6.5 percent defective	
201	Missing, incorrect or illegible marking (3.9)	Visual
202	Incorrect or missing part number (3.9.2)	Visual
203	Size and location of marking, not as specified (3.9.3)	Visual

\* Standard Inspection Equipment

4.5.2 Packaging, packing and marking. Examination of packaging, packing and marking shall be performed in accordance with MIL-P-14232.

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#### 4.6 Test methods.

4.6.1 Fit test. Each sample unit of 4.4.3 shall be tested for compliance with 3.10 and shall be assembled to the item for which it is intended (see 6.2.2).

#### 5. PREPARATION FOR DELIVERY

5.1 First article. The first article shall consist of one complete cover or case unit packaged in accordance with the requirements and for the level of protection specified in the contract (see 6.2), packed level "C", and forwarded in accordance with 3.1.

5.2 Preservation, packaging, packing and marking. The covers or cases shall be preserved, packaged, packed and marked in accordance with the packaging data sheet or the requirements and for the level of protection specified in the contract (see 6.2).

#### 6. NOTES

6.1 Intended use. Textile covers and cases covered by this specification are intended for Army end items, parts and equipment.

6.2 Ordering data. Procurement documents should specify the following:

- a. Title, number and date of this specification.
- b. Drawing applicable to the item (see 2.1).
- c. Overall covers for Army materiel should be made of waterproof coated nylon cloth (see 3.2).
- d. Selection of applicable levels of packaging, preservation, packing and marking (see 5.2).
- e. Level of protection (see 5.1).
- f. First article, when required (see 3.1).
- g. Color chip number (see 3.6).

6.2.1 Patterns and standard samples. A set of patterns and standard sample cover or case, if available, should be furnished the contractor on a loan basis by the Government (see 3.4).

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6.2.2 Fit test. The Government installation or activity will conduct the fit test for the first article and regular production of covers and cases. This will apply when it is not feasible to furnish the contractor the item for which the cover or case is being procured (see 4.6.1).

Custodian:  
Army - WC

Preparing activity:  
Army - WC

Review activity:  
Army - GL, ME  
DSA - CT

Project No. 8340-A330

User activity:  
Army - AT, AV, EL, MU

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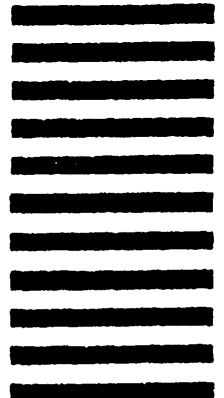
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## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

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3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
b. ADDRESS (Street, City, State, ZIP Code)		<input type="checkbox"/> VENDOR	<input type="checkbox"/> USER
		<input type="checkbox"/> MANUFACTURER	<input type="checkbox"/> OTHER (Specify): _____
5. PROBLEM AREAS			
a. Paragraph Number and Wording:			
b. Recommended Wording:			
c. Reason/Rationale for Recommendation:			
6. REMARKS			
7a. NAME OF SUBMITTER (Last, First, MI) - Optional		b. WORK TELEPHONE NUMBER (Include Area Code) - Optional	
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