

MIL-C-1933G
27 December 1978
SUPERSEDING
MIL-C-1933F
30 January 1973

MILITARY SPECIFICATION

CARRIER, POLICEMAN'S CLUB: AND GROMMET

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

1. SCOPE

1.1 Scope. This specification covers the requirements for one type of carrier, and one type of rubber retaining grommet for a policeman's club.

2. APPLICABLE DOCUMENTS

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

SPECIFICATIONS

FEDERAL

| | | |
|-----------|---|--|
| KK-L-271 | - | Leather, Cattlehide, Strap, Vegetable Tanned |
| PPP-B-566 | - | Boxes, Folding, Paperboard |
| PPP-B-636 | - | Boxes, Shipping, Fiberboard |
| PPP-B-676 | - | Boxes, Setup |

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: US Army Natick Research and Development Command, Natick, MA 01760, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

FSC 8465

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STANDARDS

MILITARY

- MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes
- MIL-STD-129 - Marking for Shipment and Storage
- MIL-STD-1188 - Commercial Packaging of Supplies and Equipment

DRAWINGS

US ARMY NATICK RESEARCH AND DEVELOPMENT COMMAND

- 2-9-305 - Carrier, Policeman's Club

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

2.2 Other publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply:

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- D 2000 - Rubber Products in Automotive Application

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

3. REQUIREMENTS

3.1 Materials (see 6.4).

3.1.1 Leather, carrier strap. The leather shall be 8/64 to 9/64 inch (3 to 4 mm) thick as specified on Drawing 2-9-305, and shall conform to any type, class 1 of KK-L-271. The width of the strap shall be 3/4 inch (19 mm). The grain side of the leather shall be black, and shall have a smooth finish. The edges of the leather strap shall be treated with a non-staining black finish so as to match the grain side.

3.1.2 Rivet and rivet cap. The rivet and cap shall have a black oxide coating conforming to Drawing 2-9-305.

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3.1.3 O-Ring. The O-ring shall be black in color, conforming to Drawing 2-9-305.

3.1.4 Grommet, rubber. The rubber used for the grommet shall conform to 1 AA608 of ASTM Method D 2000-75 and as indicated on Drawing 2-9-305.

3.2 Construction. The construction shall conform in all respects to Drawing 2-9-305 and as specified herein.

3.2.1 Setting of rivets. The rivets with caps shall be securely set.

3.3 Replacement of defective components. During the spreading, cutting and manufacturing process, components having material defects or damages that are classified as defects in 4.2.2.1 shall be removed from production and replaced with non-defective and properly matched components.

3.4 Workmanship. The finished carrier shall conform to the quality of product established by the specification. The occurrence of defects shall not exceed the applicable acceptable quality levels.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the contractor 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 Quality conformance inspection. Sampling for inspection shall be performed in accordance with MIL-STD-105, except where otherwise indicated.

4.2.1 Component and material inspection. In accordance with 4.1 above, components and materials shall be inspected in accordance with all the requirements of referenced specifications, drawings and standards unless otherwise excluded, amended, modified or qualified in this specification or applicable purchase document.

4.2.2 End item examination. The defects found during examination shall be classified in accordance with 4.2.2.1 and 4.2.2.2. The sample unit for these examinations shall be one completely fabricated carrier. The lot size shall be expressed in units of one carrier. The inspection level and acceptable quality levels (AQLs) shall be in accordance with 4.2.2.3.

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4.2.2.1 Visual examination.

| Examine | Defect | Classification | |
|---|--|---|-------|
| | | Major | Minor |
| Finish of leather | Not specified color | X | |
| | Color not uniform | | X |
| | Leather embossed or printed | X | |
| | Grain side not smooth finished | X | |
| | Tacky or cracky finish | X | |
| | Edge not stained to match grain side | X | |
| Material | Any component not fabricated of the specified material | X | |
| Finish of metal components | Not specified finish, or area of no finish | X | |
| | Coatings flaked or blistered | | X |
| Construction and workmanship | Any component omitted or misplaced, operation omitted or not properly performed, carrier not fabricated with grain side of leather on exterior surface | <u>1/</u> | |
| | Part fractured, ripped, punctured, torn, defective, malformed, or damaged | <u>1/</u> | |
| Quality of leather | Not full grain or not full grain lightly snuffed | X | |
| | Hole, cut or rupture | X | |
| | Brand mark, healed grub damage, scar tissue, hip mark, brittle or bony area | <u>1/</u> | |
| | Abraded, scratched, or other grain damage | <u>1/</u> | |
| | Flanky, spongy, pipey or stretchy leather | <u>1/</u> | |
| | Any wrinkle | <u>1/</u> | |
| | Slaughter cut | <u>1/</u> | |
| | Flesh side not smooth, or contains areas of loose flesh | | X |
| | Metal parts | O-ring defective or not securely affixed, but will function and will become detached in service | |
| Rivet not sufficiently set to prevent separation of the assembly in service | | X | |
| Rivet reversed on assembly | | | X |
| Sharp edge, burr or metal sliver | | X | |

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| Examine | Defect | Classification | |
|-------------|---|----------------|-------|
| | | Major | Minor |
| Cleanliness | Any non-removable stain or spot | X | |
| | Any spot or stain removable with cleaning agent | | X |

1/ Defect shall be scored as a major defect when seriously affecting serviceability or appearance, and as a minor defect when affecting serviceability or appearance but not seriously.

4.2.2.2 Dimensional examination. The carrier shall be examined for defects in dimensions including thickness of leather. Any dimension that is not within the established tolerance shall be classified as a defect.

4.2.2.3 Inspection level and AQL. The inspection levels and AQLs expressed in defects per one hundred units shall be as follows:

| | Inspection level | AQL | |
|-----------------------------------|------------------|-------|-------|
| | | Major | Total |
| For defects applicable to 4.2.2.1 | II | 2.5 | 6.5 |
| For defects applicable to 4.2.2.2 | S-3 | - | 4.0 |

4.2.3 Packaging inspection. An examination shall be made to determine that the preservation, packing, and marking complies with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container fully packaged with the exception that it need not be closed. Defects of closure listed below shall be examined on shipping containers fully packaged. The lot shall be the number of shipping containers offered for inspection at one time. The inspection level shall be S-2 and the AQL, expressed in terms of defects per hundred units shall be 2.5.

| <u>Examine</u> | <u>Defect</u> |
|----------------|---|
| Marking | Omitted; incorrect; illegible; of improper size, location, sequence, or method of application. |
| Materials | Any component missing or not as specified. Any component damaged, affecting serviceability. |
| Workmanship | Inadequate application of components such as: incomplete closure of container flap, loose strapping, improper taping or inadequate stapling. Bulged or distorted container. |

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ExamineDefect

Content

Number of unit packs per shipping container is more or less than required.

Number of carriers per unit pack is more or less than required. 1/

1/ For this defect two (2) unit packs shall be examined from each shipping container in the sample.

5. PACKAGING

5.1 Preservation. Preservation shall be level A or Commercial, as specified (see 6.2).

5.1.1 Level A.

5.1.1.1 Carrier and grommet sets. Each carrier shall have the metal ring folded down flat onto the leather strap. Each carrier, together with one rubber grommet, shall then be inserted into a close-fitting bag made from clear polyethylene film having a minimum nominal thickness of 0.002 inches (0.05 mm) (+ 20 percent tolerance). The bag shall be closed by heat sealing. Ten carrier and grommet sets shall be unit packed in a snug-fitting folding or set-up paperboard box conforming to variety 1, style III or VIII, type G, class 1 of PPP-B-566; or type I, variety 1, class A, style 3 or 4 of PPP-B-676. Each box shall be securely closed with tape as specified in the appendix of the applicable box specification.

5.1.1.2 Grommets. Each rubber grommet, when procured separately (see 6.2), shall be inserted into a close-fitting bag made from clear polyethylene film having a minimum nominal thickness of 0.002 inches (0.05 mm) (+ 20 percent tolerance). The bag shall be closed by heat sealing. Twenty grommets shall be unit packed in a snug-fitting folding or set-up paperboard box conforming to variety 1, style III or VIII, type G, class 1 of PPP-B-566; or type I, variety 1, class A, style 3 or 4 of PPP-B-676. Each box shall be securely closed with tape as specified in the appendix of the applicable box specification.

5.1.2 Commercial. Carrier and grommet sets or grommets, when procured separately (see 6.2), shall be preserved in accordance with MIL-STD-1188.

5.2 Packing. Packing shall be level A, B, or Commercial, as specified (see 6.2).

5.2.1 Level A packing. Four hundred and eighty carrier and grommet sets, or four hundred and eighty grommets, when procured separately (see 6.2), preserved as specified in 5.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC, grade V2s of PPP-B-636. Each shipping container shall be closed in accordance with method III, waterproofed in accordance with method V and reinforced as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.2.3.

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5.2.2 Level B packing. Four hundred and eighty carrier and grommet sets, or four hundred and eighty grommets, when procured separately (see 6.2), preserved as specified in 5.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC, type CF, (variety SW) or SF, class domestic, grade 275 of PPP-B-636. Each shipping container shall be closed in accordance with method II as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.2.3.

5.2.2.1 Weather-resistant shipping containers. When specified (see 6.2), the fiberboard shipping container shall be a grade V3c, V3s, or V4s fiberboard box fabricated in accordance with PPP-B-636 and closed in accordance with method III as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.2.3.

5.2.3 Commercial packing. Carrier and grommet sets or grommets, when procured separately (see 6.2), preserved as specified in 5.1, shall be packed in accordance with MIL-STD-1188.

5.3 Marking. In addition to any special marking required by the contract, unit packs and shipping containers shall be marked in accordance with MIL-STD-129 and MIL-STD-1188, as applicable.

6. NOTES

6.1 Intended use. The carrier is intended for use by members of the Military Police of the Army and Air Force and is used with a leather belt. The carrier is designed to hold a policeman's club. The rubber retaining grommet is designed to be placed on the club to prevent it from sliding thru the O-ring of the carrier.

6.2 Ordering data. Procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Selection of applicable levels of preservation and packing (see 5.1 and 5.2).
- (c) When grommets are to be procured separately (see 5.1.1.2, 5.1.2, 5.2.1, 5.2.2 and 5.2.3).
- (d) When weather-resistant containers are required for level B packing (see 5.2.2.1).

6.3 Changes from previous issue. Asterisks are not used in this revision to identify changes with respect to the previous issue, due to the extensiveness of the changes.

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6.4 Recycled material. It is encouraged that recycled material be used when practical as long as it meets the requirements of the specification (see 3.1).

Custodians:

Army - GL
Air Force - 99

Preparing activity:

Army - GL
Project No. 8465-0792

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DOCUMENT IDENTIFIER (Number) AND TITLE

MIL-C-1933G - Carrier, Policeman's Club: And Grommet

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