

L-B-560A  
February 8, 1974

SUPERSEDING  
Int. Fed. Spec. L-B-00560 (GSA-FSS)  
January 9, 1964

FEDERAL SPECIFICATION

BOTTLE, SCREW CAP (POLYETHYLENE), 1.25 OUNCES

This specification was approved by the Commissioner,  
Federal Supply Service, General Services Administration,  
for the use of all Federal agencies.

1. SCOPE

1.1 Scope. This specification covers a low-density polyethylene bottle of 1.25 ounce capacity, oval in shape, complete with screw cap and suitable as a component of Belt Weather Kits.

2. APPLICABLE DOCUMENTS

2.1 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.

Federal Specifications:

PPP-B-566 - Boxes, Folding, Paperboard.  
PPP-B-636 - Boxes, Shipping, Fiberboard.  
PPP-B-676 - Boxes, Setup.

Federal Standard:

Fed. Std. No. 123 - Marking for Domestic Shipment (Civil Agencies).

(Activities outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402.

(Single copies of this specification and other Federal Specifications required by activities outside the Federal Government for bidding purposes are available without charge from Business Service Centers at the General Services Administration Regional Offices in Boston, New York, Washington, DC, Atlanta, Chicago, Kansas City, MO, Fort Worth, Denver, San Francisco, Los Angeles, and Seattle, WA.

(Federal Government activities may obtain copies of Federal Specifications, Standards, and Handbooks and the Index of Federal Specifications and Standards from established distribution points in their agencies.)

Military Standards:

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.  
MIL-STD-129 - Marking for Shipment and Storage.

(Copies of Military Specifications and Standards 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.

National Motor Freight Traffic Association, Incorporated, Agent:

National Motor Freight Classification.

(Application for copies shall be addressed to the American Trucking Associations, Inc., Tariff Order Section, 1616 P Street, N. W., Washington, DC 20036.)

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Uniform Classification Committee, Agent:

## Uniform Freight Classification.

(Application for copies shall be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.)

## 3. REQUIREMENTS

3.1 Material. The bottle shall be made of a nonbreakable, heat-resistant polyethylene. The cap shall be Bakelite, size 18-410, with a standard finish.

3.2 Construction. The bottle shall be oval in shape, with a flat bottom. The cap shall be a bakelite screw type to fit any standard threaded container. The milled edge of the cap shall be smoothly beveled to make a neat appearing cap. The cap shall be flat and fitted with a liner.

3.3 Thread. All threads shall be molded with clear sharp edges equal in function to machine-cut threads and shall be of sufficient depth to allow the cap to fit securely and neatly.

3.4 Capacity. Bottles shall be 1.25 ounce capacity.

3.5 Color. Bottles shall be opaque white, and the caps shall be black.

3.6 Inertness. The bottle, cap, and cap liner shall neither affect nor be affected by the intended contents.

3.7 Workmanship. The bottles and caps shall be free from marks, blemishes, or other imperfections which may detract from their appearance or may otherwise impair their serviceability.

## 4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the 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 that supplies and services conform to prescribed requirements.

4.1.1 Sampling for inspection. Sampling for inspection shall be performed in accordance with the provisions of MIL-STD-105, except where otherwise indicated.

4.2 Visual examination. Sampling procedures for visual examination shall be in accordance with MIL-STD-105 at inspection level S-4 with an acceptable quality level (AQL) 2.5 for major defects and an acceptable quality level (AQL) 6.5 for minor defects, expressed in defects per hundred units (see table I).

TABLE I. Classification of defects

Defects	Major	Minor
Caps not fitted with liners.	X	
Caps do not fit bottles.	X	
Caps not as specified.		X
Bottles not of specification capacity.	X	
Poor workmanship.	X	
Bottles not having smooth-high polish.		X
Threads not as specified.		X

4.3 Inspection of preparation for delivery. An inspection shall be made to determine that packaging, packing and marking requirements of section 5 of this specification are complied with. Defects shall be scored in accordance with table II. For examination of contents the sample unit shall be one shipping container fully prepared for delivery selected just prior to the closing operations. Defects of closure listed shall be examined on shipping containers fully prepared for delivery. The lot size shall be the number of shipping containers in the end item inspection lot. The inspection level shall be III and the AQL shall be 6.5 defects per hundred units.

TABLE II. Classification of preparation for delivery defects

Examine	Defects
Markings	Omitted; incorrect; illegible; or improper size, location; sequence, or method of application.
Materials	Any component missing, or damaged.
Workmanship	Inadequate application of components such as incomplete closure of container flaps; loose strapping, inadequate stapling; bulging or distortion of container.

#### 5. PREPARATION FOR DELIVERY

5.1 Packaging. Packaging shall be level A, B or C as specified (see 6.2).

5.1.1 Level A. Twelve bottles shall be packaged in a close-fitting box conforming to PPP-B-566 or PPP-B-676, type and style optional.

5.1.2 Level B. Twelve bottles shall be packaged in boxes specified in 5.1.1.

5.1.3 Level C. The bottles shall be packaged in accordance with the suppliers commercial practice.

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

5.2.1 Level A. One hundred and forty-four bottles (12 boxes), packaged as specified in 5.1.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC, grade V2s of PPP-B-636. Each fiberboard 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.

5.2.2 Level B. Twelve boxes (144 bottles) packaged as specified in 5.1.2, shall be packed in a close-fitting box conforming to PPP-B-636, class domestic, type CF or SF, grade 200. The box shall be closed in accordance with the appendix to the box specification.

5.2.2.1 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 the container specification.

5.2.3 Level C. The bottles, packaged as specified in 5.1, shall be packed in containers that will assure carrier acceptance and safe arrival at destination in compliance with the Uniform Freight Classification or the National Motor Freight Classification.

#### 5.3 Marking.

5.3.1 Civil agencies. In addition to markings required by the contract or order, the packages and shipping containers shall be marked in accordance with Fed. Std. No. 123.

5.3.2 Military requirements. In addition to markings required by the contract or order, the packages and shipping containers shall be marked in accordance with MIL-STD-129.

#### 6. NOTES

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6.1 Intended use. The plastic bottles covered by this specification are intended as components of Belt Weather Kits.

6.2 Ordering data. Purchasers shall select the preferred options permitted herein and include the following information in procurement documents:

- (a) Title, number, and date of this specification.
- (b) Selection of applicable levels of packaging and packing (see 5.1 and 5.2).
- (c) When weather-resistant grade fiberboard shipping containers are required for level B (see 5.2.2.1).

MILITARY INTEREST:

CUSTODIANS:

Army - GL (MCA)  
Air Force - 84

Review activities:

Army - MI

Military coordinating activity:

Army - GL

Preparing activity:

GSA-FSS

Civil agency coordinating activity

USDA - AFS  
NIH - HEW

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Orders for this publication are to be placed with the General Services Administration, acting as an agent for the Superintendent of Documents. See section 2 of this specification to obtain extra copies and other documents referenced herein. Price 10 cents each.