INCH-POUND

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DETAIL SPECIFICATION

DRUM, METAL-SHIPPING AND STORAGE

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

1. SCOPE

1.1 Scope. This specification covers new cylindrical drums to be used as exterior shipping containers (see 6.1).

1.2 Classification. Drums will be furnished in the dimensions and capacities as specified in the applicable MS standards.

2. APPLICABLE DOCUMENTS.

2.1 General. The documents listed in this section are specified in 3, or 4 of this standard. This section does not include documents cited in other sections of this standard or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in 3, or 4 of this standard, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

FEDERAL SPECIFICATION

PPP-C-1120	Cushioning Material, Uncompressed Bound Fiber for Packaging

FEDERAL STANDARD

FED-STD-595/24084	Green, Semigloss

Comments, suggestions, or questions on this document should be addressed to: Defense Supply Center Philadelphia, ATTN: DSCP-NASA, 700 Robbins Ave, Philadelphia, PA 19111-5096 or emailed to dscpg&ispeccomments@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at http://assist.daps.dla.mil/

DEPARTMENT OF DEFENSE SPECIFICATIONS

MIL-R-6855	Elastomer, Synthetic, Sheets, Strips, Molded or Extruded Shapes, General Specification For
MS27683	Drum, Metal-Shipping and Storage 16 to 80 Gallons
MS27684	Drum, Metal-Shipping and Storage - 3 to 12 Gallons

(Copies of these documents are available online at http://assist.daps.dla.mil/quicksearch/ or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.3 Non-Government publications. The following form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD (ASTM)

ASTM A109/A109M	Standard Specification for Steel, Strip, Carbon (0.25 Maximum Percent), Cold-Rolled
ASTM A1008/A1008M	Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High Strength Low-Alloys, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable
ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM D610	Standard Test Method for Evaluation Degree of Rusting on Painted Steel Surfaces-SSPC-VIS-2
ASTM D2000	Standard Classification System for Rubber Products in Automotive Applications

(Copies of these documents are available from http://www.astm.org/ or the American Society for Testing and Materials, 100 Barr Harbor Drive, W. Conshohocken, PA 19428-2959.)

AMERICAN SOCIETY FOR QUALITY (ASQ)

ASQ Z1.4	Sampling Procedures and Tables for Inspection by Attributes

(Copies of this document are available from http://www.asq.org/ or the American Society for Quality, 611 East Wisconsin Avenue, Milwaukee, WI 53202.)

2.4 Order of precedence. In the event of a conflict between the text of this document and the reference cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 MS sheets. The individual item requirements shall be as specified and in accordance with the applicable MS sheet. In the event of any conflict between the requirements of this specification and the MS sheet, the latter shall govern.

3.2 First article. Unless otherwise specified, the supplier shall furnish two samples for first article inspection and approval (see 4.3 and 6.3).

3.3 Materials. Materials used in the manufacture of drums shall meet all requirements specified herein.

3.3.1 Steel. Cold rolled steel sheets for bodies, covers and bottoms shall conform to ASTM A1008/A1008M. Cold rolled steel strips for lugs and locking rings shall be quarter-hard temper, edge condition No. 4, free from burrs and sharp edges, conforming to ASTM A109/A109M. The gage of steel (per United States standard gage) specified in the applicable MS standards for the drum body, covers, bottoms and closure is the minimum thickness acceptable. When thicker material than specified is used in the fabrication of drums, the increased thickness of material shall not be of such magnitude as to interfere with the interchangeability of drum parts (see 4.4.1).

3.3.2 Gaskets. Gaskets shall be formed from synthetic rubber conforming to MIL-R-6855, Class 2, Grade 60, or ASTM D2000, M3BC607F17 (4.4.4.1).

3.4 Design and construction. The design of the drum body and component parts shall be in accordance with applicable MS standards (See 4.4.4).

3.4.1 Cover. The container cover shall be style #1 (recessed). The 10.5, 13.81, 15.38, and 18.25 inch diameters drums may also be procured with style #2 domed covers (see 6.2). Convexity of covers shall not extend beyond level of chime (4.4.4.1).

3.4.2 Locking ring. The locking ring shall be either Style 1 or Style 2 as specified (see 4.4.4.1 and 6.2).

3.4.2.1 Style 1 locking ring. The locking ring shall be of the nut and bolt type. The bolt shall be a commercial standard 3/8-16 UNC-2A hex head with screw driver slot in hex head. The nut shall be a standard SAE hex nut or a commercial jam nut. Bolt heads and nuts shall be of a size that is compatible with standard hand and power tools. Nut and bolt shall be zinc plated with tensile strength that meets the test requirements of this specification. Provisions shall be provided for use of a metallic and wire tamper-proof seal (see 4.4.4.1).

3.4.2.2 Style 2 locking ring. The locking ring shall be a lever actuated type locking ring. The construction shall be sturdy enough to develop sufficient tension to completely seal the closure and withstand all tests required by this specification. Provisions shall be provided for use of a metallic and wire tamper proof seal (see 4.4.4.1).

3.4.3 Humidity indicator. When specified (see 6.2), the drum body shall have provisions for accepting a humidity indicator conforming to SAE-AS26860, Type I, or Type II. The provision shall allow for a hermetic seal between the container body and the indicator. The humidity indicator shall be located in the body at a point opposite the side seam and an equal distance between the hoops of the drum. Other locations may be specified by the procuring agency (see 4.4.4.1, 4.5.1, and 6.2).

3.4.4 Handles. When specified (see 6.2), drums having an inside diameter of 22.5 inches or greater shall be equipped with two chest type drop handles located in the upper one third of the drum and equally spaced around the circumference. Each handle assembly shall be designed for the surface mounting with stops to hold the bail perpendicular to the mounting plate when in carrying position. The bail shall have a minimum inside length of four inches and a minimum clearances of two inches from the bail perpendicular to the mounting plate. When tested in accordance with paragraph 4.5.4, the handle assembly shall be capable of supporting loaded drums without permanent distortion at extremities in excess of 1/4 inch from the horizontal (see 4.5.4).

3.4.5 Dimensions. Dimensions shall be in accordance with the applicable MS standards (see 4.4.4.2).

3.5 Finish.

3.5.1 Conversion coating. The interior and exterior surface of all drums, including the cover and locking rings, shall be clean by any suitable process which are not injurious or incompatible with the conversion coating utilized (when required) for production of the end item (see 4.3.1).

3.5.2 Protective coating. Unless otherwise specified, (see 6.2), coat all interior and exterior surfaces of the drum and component parts, except the closing bolt and gasket, with a rust inhibiting coating that withstands salt spray test requirements (see 3.4.2.1 and 4.3.1). Unless otherwise specified color shall conform to No. 24084 of FED-STD-595 (see 4.3.1 and 6.2).

3.5.2.1 Salt spray resistance. Results of the Salt Spray Test shall show no rust creepage, blistering, undercutting or loss of adhesion of the paint beyond 1/8 inch of the scribe mark. All other surfaces of the test specimens shall show no more than a trace of film failure, (rust grade 9 of ASTM D610), with none larger 1mm, (3/64 inch), in diameter (see 4.3.1).

3.6 Performance. The drums shall not leak when tested in accordance with 4.5.1, 4.5.2, and 4.5.3.

3.7 Container marking.

3.7.1 Bottom and top. The bottom and top of the drum shall be embossed in accordance with Figure 1 (see 4.4.4.1).

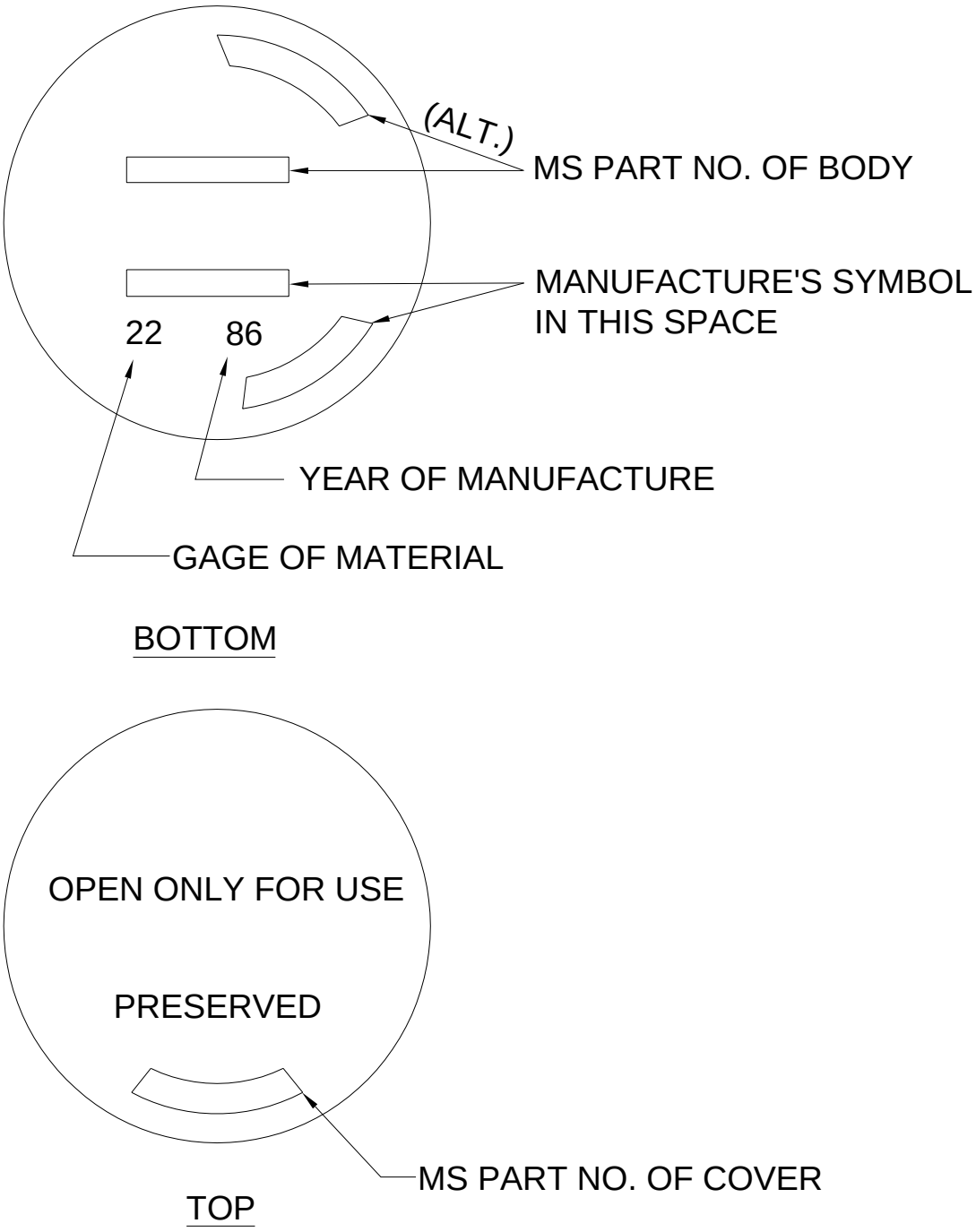

FIGURE 1. DRUM MARKING

3.7.2 Body. Unless otherwise specified (see 6.2), the body of each container shall be marked on opposite sides with waterproof ink and letters at least one-half inch high. The marking shall appear three quarters of an inch below the lower edge of the locking ring. The color shall conform to color number 23538 of FED-STD-595. The wording of the marking shall be as following (see 4.4.4.1):

REUSABLE CONTAINER DO NOT DESTROY

3.8 Workmanship. The construction shall be of such quality that finished drums shall have no sharp burrs or rough surfaces. The metal shall be free of defects which may affect the durability, strength, or serviceability of the drum. The gasket shall be uniformly distributed about the circumference of the cover and shall lie naturally with the flat surface parallel to the horizontal plane of the cover to provide a seal which will not leak. The protective coatings shall be applied in a uniform manner (see 4.5.4.1).

4. VERIFICATION

4.1 Classification of Inspections. The inspection requirements specified herein are classified as follows:

a. First article inspection (see 4.3).
b. Conformance inspection (see 4.4).

4.2 Inspection conditions. Unless otherwise specified , all inspections shall be performed in accordance with the test conditions specified in the applicable test method document or the applicable paragraph(s) in this specification.

4.3 First article examination and tests. When specified, two sample drums of each size specified in the procurement document shall be made available for first articles examination and tests. They shall be examined for all provisions of this specification applicable to the end item inspection (see 4.4.4) and they shall be tested as follows:

a. The Two Sample drums shall be examined for the defects listed in 4.4.
b. One sample shall be tested as specified in 4.5.1, and one sample shall be tested as specified in 4.5.2, 4.5.3 and 4.5.4. When specified (see 6.2), the two sample containers shall be forwarded to the procuring activity (see 3.2).

4.3.1 Salt spray test. Three specimens measuring 4 X 6 inches shall be finished front and back using the identical finishing process used in finishing the end item drums. These samples shall be air dried a minimum of 96 hours then scored front and back using a sharp instrument which will bevel the finish coat 30 degrees each side of the score line, through to bare metal. The scoreline shall be continuous for a total of four inches. These specimens shall be subjected to salt spray tests in accordance with ASTM B117 utilizing a five percent salt solution at 120 degrees F for a minimum exposure time of 192 hours. Results of the test shall be evaluated for conformity with the requirements of paragraph 3.5.

4.4 Conformance inspection. Conformance inspections shall be as specified in Table I.

4.4.1 Inspection of components and materials. Components and materials shall be inspected and tested 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 (see 3.3-3.5.2).

4.4.2 Sampling for inspection and acceptance. Sampling for inspection and acceptance shall be performed in accordance with the provisions set forth in ASQ Z1.4, except where otherwise indicated (see 3.2). Unless otherwise specified, the acceptable quality limits (AQLs) listed in this section shall be used to establish the sample size, however, the acceptance number shall be zero.

4.4.3 Inspection lot. An inspection lot consists of all the drums of the same dimensions and capacities as specified in the appropriate MS standard and per ASQ Z1.4 definition (see 3.1).

4.4.4 End item inspection.

4.4.4.1 Visual examination. Examination of the end item shall be in accordance with the classification of defects in Table II and acceptable quality limits (AQL's) in Table I. The lot sizes shall be expressed in units of drums for the purpose of determining the sample size in accordance with ASQ Z1.4 (see 3.3-3.4.5). The sample unit for this examination shall be one complete drum.

TABLE I. Inspection Requirements

Inspection	Requirement Paragraph	Test Method Paragraph	Sampling Procedure	
Group A Inspection				
Visual Examination	3.4	4.4.4.1	II	
Dimension Examination	3.4.5	4.4.4.2	S-2	
Group B Inspection				
Components and Materials	3.3, 3.4	4.4.1	II	
Strength and Air Leak Test	3.6	4.5.1	II	
Group C Inspection				
Rough Handling	3.6	4.5.2	II	
Cover Fit	3.4.1	4.5.3	II	
Handle Test	3.4.4	4.5.4	II	
			AQL (percent defective)	
			Dimension Major	Examination
			2.5	6.5

TABLE II. Classification of visual defects

Examine	Defects	Classification
Finish	Not paint as specified.	Major
	Color not as specified.	Minor
	Area of thin film or no film	Major
	Enamel tacky peeled or blistered.	Minor
	Dirt, rust, grit or foreign matter embedded in enamel.	Minor
Material	Sharp edges and metal splinters.	Major
	Steel creased or lapped (mill defect)	Major
Construction and Workmanship	Component fractured, split, bowed, or malformed affecting serviceability.	Major
	Component bowed, dented or malformed not affecting serviceability.	Minor
	Sealing surface not smooth.	Major
	Sharp burr, sliver or splinter that may cause injury.	Major
	Foreign matter, oil, or water in interior of drum	Minor
Welding	Missing, incomplete, burn holes, cracked, fractured, not fused, or no welding required.	Major
	Sealing surface on top of chime (where body seam weld is curled to form sealing surface) not smooth.	Major
	Not continuous or improper repair.	Major
Locking Ring	Imcomplete.	Major
	Wrong size.	Major
	Nuts and bolts not assembled to locking ring nut not finger tight.	Minor
	Bolts or nuts missing, broken or stripped.	Major
	Ring dented or lugs bent.	Major
	Lever lock malformed.	Minor
	Safety lock missing.	Minor
	Provision for wire and metallic tamperproof seal missing.	Major
	Wrong style.	Major
Gaskets	Missing or damaged.	Major
	Not type specified.	Minor
Covers	Do not fit properly.	Major
	Gasket not uniformly distributed in cover.	Minor
	Wrong style.	Major
Assembly	Any component which does not fit or assemble as specified.	Major
Marking	Missing, incomplete, not legible, or not specified type or size.	Minor
Humidity Indicator	Missing (if specified)	Minor

4.4.4.2 Dimension examination. Examination shall be made of the end item to determine compliance with dimensional requirements. Any dimension not within specified tolerance shall be classified as a defect (see 3.4.5).

4.4.4.3 Testing of the end item. Two drums of the same size shall be selected at random from each lot and tested as specified in 4.5.1, 4.5.2, and 4.5.3. Failure of any drum to pass these tests shall be cause for rejection of the lot (see 3.6).

4.5 Performance tests.

4.5.1 Strength and air leak test. This test shall be performed by the use of semi-hydrostatic pressure technique as prescribed in procedure A (4.5.1.2) or procedure B (4.5.1.3). The semi-hydrostatic pressure test of procedure A is mandatory for all drums with less than 15.5 inch diameters. When it is not feasible for larger diameter drums to be submerged in a water tank, procedure B shall be used (see 3.6).

4.5.1.1 Test specimen preparation. The test specimen shall have a suitable air connection installed in the removable cover. The drum body shall be filled with water to 98% of its capacity. The removable cover with air connection shall have a supply air hose attached to the air connection. The cover shall then be sealed on the drum in accordance with the procedure outlined in A3.1 or A3.2 of Appendix A (see 3.6).

4.5.1.2 Procedure A. The assembled test specimen shall be submerged 1 to 2 inches under water and air pressure slowly applied until the required pressure (see 4.5.1.4) as measured by a suitable pressure gage, is reached. After the test specimen is pressurized to the specified pressure, close the line to the compressed air supply leaving the gage connected so that any drop in pressure may be noted. The drum shall be turned in the water so that the top, bottom, and body seams can be observed for air leakage. Any loss in pressure or detection of bubbles which indicate leakage is cause for rejection (see 3.6).

4.5.1.3 Procedure B. Prepare the test specimen as prescribed in 4.5.1.1. The assembled test specimen shall be pressurized to the specified pressure required for the diameter drum (see 4.5.1.4). Close the compressed air supply line but leave the pressure gage connected to the specimen. Record the initial pressure and maintain for five minutes. Coat all seams, joints and other similar areas with a bubble-supporting film. Turn specimen so that all surfaces may be observed for leakage. Record the final gage pressure. If there is a loss in pressure and no leaks were detected by bubbles, repeat the bubble supporting film operation to find any leaks not detected initially. Any evidence of leakage is cause for rejection (see 3.6).

4.5.1.4 Pressure requirements. The applicable pressures required to conduct the tests shall be as follows (see 3.6).

Pounds per square inch	Drum diameters (inches)
15.0	10.50
15.0	11.25
15.0	13.81
15.0	14.00
15.0	15.38
15.0	16.00
10.0	18.25
7.0	22.50
6.0	24.00
5.0	26.00
4.5	28.00
4.0	30.00

4.5.2 Rough handling test.

4.5.2.1 Test load. A test load shall be constructed of an assembly of wooden or metal components having an overall diameter and overall length two inches less than the diameter and length respectively of the test drum. The test load shall be rigidly assembled by bolting or other suitable means and in such a way that the weight is evenly distributed (see 3.6).

4.5.2.2 Specimen preparation. The test drum shall have an air connection installed. The test load shall be inserted into the drum and braced and cushioned in such a manner as to prevent damage to the drum by shifting of the test load. Cushioning material conforming to PPP-C-1120, Type IV, shall be used to support the test load on all faces. Unless otherwise specified (see 6.2) the gross weight of the test load including the weight of the bracing, cushioning, and drum assembly shall be equal to the minimum gross weight of loaded drums specified in Table III. The drum shall then be closed in accordance with the procedure outline in A3.1 or A3.2 of Appendix A. Each drum shall be vertically quartered by marking with a chalk or crayon (see 3.6).

4.5.2.3 Procedure. Perform a free-fall drop alternately on each end as specified in Table III. Drop drum so it impacts on the circumference of the top and bottom at crayon/chalk quartering lines. Make sure the center of gravity of the drum is directly above the point of impact. Allow drum to come to rest on its own volition after each drop. After the final drop pressurize drum to 4 PSI and test for leaks per 4.5.1 (see 3.6)..

TABLE III. Test requirements

Drum Assy Part No.	Minimum GR Wt Loaded Drums (Lbs)	Height of Drop (In)	No. of Drops Each End
MS 27684-1, 1A	40	30	4
MS 27684-2, 2A	40	30	4
MS 27684-3, 3A	60	24	4
MS 27684-5, 5A	60	24	4
MS 27684-6, 6A	60	24	4
MS 27684-7, 7A	80	24	4
MS 27684-8, 8A	80	24	4
MS 27683-1, 1A	100	22	4
MS 27683-2, 2A	100	22	4
MS 27683-3	100	21	4
MS 27683-4	100	21	4
MS 27683-5	150	18	2
MS 27683-6	150	18	2
MS 27683-7	150	18	2
MS 27683-8	150	18	2
MS 27683-9	150	18	2
MS 27683-10	200	16	2
MS 27683-11	200	16	2
MS 27683-12	200	16	2
MS 27683-13	200	16	2
MS 27683-14	250	16	2
MS 27683-15	250	16	2
MS 27683-16	250	16	2
MS 27683-17	250	16	2
MS 27683-18	250	16	2
MS 27683-19	250	16	2
MS 27683-20	250	16	2
MS 27683-21	250	16	2
MS 27683-22	250	16	2
MS 27683-23	250	16	2

4.5.3 Cover fit. After the final drop test and leak test of 4.5.2, the drum shall be opened and then reclosed and again checked for leaks in accordance with 4.5.1 using 4 PSI pressure (see 3.6).

4.5.4 Handle test. The drum, loaded to the minimum weight specified in Table III, shall be lifted by handle and suspended for a minimum of five minutes (see 3.4.4).

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When packaging of material is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the military service's system commands. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contracting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. The metal drums of this specification are intended to be used for storage and shipment of military materials. Drums with diameters of 10.50, 11.25, 13.81, 14.00, 15.38 and 16 inches are required to withstand internal pressure of 15.0 pounds per square inch (PSI). Drums of these diameters are intended to be used as overpacks for liquid or semiliquid hazardous materials which are packaged in containers which do rot meet the 15 PSI internal pressure requirements for transportation by military aircraft. All other size drums are suitable for all other methods of preservation where a rigid container is specified.

6.2 Acquisition requirements. Acquisition documents should specify the following:

a. Title, number, and date of this specification.
b. Quantity
c. MS designation (see Table III).
d. Type and location of humidity indicator when required (see 3.4.3).
e. Cover style (see 3.4.1).
f. Handles when required (see 3.4.4).
g. Style of locking ring (see 3.4.2.1 and 3.4.2.2).
h. Color required other than olive drab (see 3.5.2).
i. Design gross weight (see Table III).
j. When first article inspection, sample and testes are required (see 4.3 and 6.3).
k. Special marking when required (see 3.7).
l. Special coating when required (see 3.5.2).
m. Packaging requirements (see 5.1).

6.3 First article. When a first article is required, it should be inspected and approved under appropriate provisions of FAR 52:209. The first article should be a preproduction sample of the specified type drum and should consist of two complete drums. The contracting officer should include specific instructions in all procurement instruments regarding arrangements for inspection and approval of the first article. First article is not normally required for orders under 1000. Invitations for bids should provide that the Government reserves the right to waive the requirement for samples for first article inspection to those bidders offering a product which has been previously acquired or tested by the Government, and that bidders offering such products, who wish to reply on such production or test, must furnish evidence with the bid that prior Government approval is presently appropriate for the pending contract.

6.4 Recycled, virgin, and reclaimed material. There is no exclusion to the use of recovered material and there is no requirement that an item be manufactured from virgin material provided that the end item meets the requirements and quality assurance provisions of this specification.

6.5 Disposability. One or more of the following methods should be used to accomplish disposal of drums or components: reuse, recycling, baling, sanitary landfill, composting, incineration, pyrolysis, or sea disposal.

6.6 Changes from previous issue. Asterisks (or vertical lines) are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

6.7 Subject Term (key Word) Listing:

Drums, Metal
Shipping and Storage
Style 1 Drums
Style 2 Drums

APPENDIX A

CLOSURE OF DRUM

A.1 SCOPE

A.1.1 Scope. This appendix provides additional guidance to help the specification developer define section 3 requirements. This appendix is not a mandatory part of this standard. The information contained herein is intended for guidance only.

A.2 TOP LEVEL PROGRAM – UNIQUE PERFORMANCE REQUIREMENTS. This section is not applicable to this appendix.

A.3 DESCRIPTION OF REQUIREMENTS OFTEN FOUND IN SPECIFICATIONS.

A.3.1 Style 1 ring and bolt closure drums: Where use is made of a device which encircles the locking ring and applies pressure uniformly about the circumference of the ring, the closure should be affected by tightening of the bolt and nut after uniform pressure is applied at all points about the ring. Alternatively closure should be made by tightening of the closure bolt. The locking ring should be tapped at various points about the closure ring while the closure bolt is being tightened. The tightening should continue until at least a torque of 6 ±0.5 foot-pounds is applied. Unless otherwise specified, the closure should be sealed with a wire and crimped metal seal. The sealing should utilize the opening provided in the lugs to effect a tamper-proof seal.

A.3.1.1 Parcel post shipments. Drums used for shipping commodities by parcel post will have the bolt end and protruding edges of the closure ring wrapped, taped, cushioned or otherwise securely covered to prevent damage. Containers should be over packed in fiberboard boxes when this extra precaution is considered necessary. When over packed, containers should be secured within the fiberboard box with fiberboard or other suitable dunnage, but should not be required if box fits snugly.

A.3.2 Style 2, lever-actuated locking ring closures: Where use is made of a device which encircles the locking ring and applies pressure uniformly about the circumference of the ring, the closure should be effected by closing the locking lever and then the wire and metal seal lever which locks the locking lever in position. Where the encircling device is not available for use, tension is applied by the locking lever and the ring is tapped repeatedly around the circumference until the ring is seated and the lever is in a locking position. The lever is then locked into place by moving the safety lock to its locked position. When specified, the safety lock shall be secured with a wire and crimped metal seal. The sealing should utilize the openings in the locking lever and safety lock to effect a tamper-proof seal.

Custodians:
Army – GL
Navy – AS
Air Force – 11

Preparing activity:
DLA – IS

(Project 8110-2007-001)

Review activities:
Army – AR, AV, MI, SM
Navy – CG, MS, SA
Air Force – 99

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