

PPP-B-638B

June 30, 1975

SUPERSEDING

Fed. Spec. PPP-B-638A

July 15, 1971

FEDERAL SPECIFICATION

BOXES, CAPS, LINERS AND SLEEVES, FIBERBOARD, KNOCKED DOWN, FLAT: PACKING OF

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 three levels of packing and the marking for shipment and storage of all styles, types, classes, varieties, grades, and sizes of fiberboard boxes, caps, liners, and sleeves, knocked down flat.

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:

QQ-S-781	- Strapping, Steel, and Seals
MMM-A-260	- Adhesive, Water-Resistant, (For Sealing Waterproofed Paper)
PPP-B-601	- Boxes, Wood, Cleated-Plywood
PPP-B-636	- Boxes, Shipping, Fiberboard
PPP-B-640	- Boxes, Fiberboard, Corrugated, Triple-Wall
PPP-B-1055	- Barrier Material, Waterproofed, Flexible
PPP-F-320	- Fiberboard: Corrugated and Solid, Sheet Stock (Container Grade) and Cut Shapes
PPP-S-760	- Strapping, Nonmetallic (and Connectors)

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Federal Standard:

FED-STD-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 Specification:

MIL-B-43666 - Boxes, Shipping, Consolidation

Military Standards:

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes

MIL-STD-129 - Marking for Shipment and Storage

MIL-STD-147 - Palletized Unit Loads for 40" x 48" Pallets

(Copies of specifications and standards required by suppliers 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 a specific issue is identified, the issue in effect on date of invitation for bid or request for proposal shall apply.

National Motor Freight Traffic Association, Inc., Agent

National Motor Freight Classification

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

(Technical society and technical association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies).

3. REQUIREMENTS

3.1 Material. The material shall be as specified herein. Materials not covered by applicable specifications, or not specifically described herein, shall be those normally used commercially..

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

3.2.1 Level A.

3.2.1.1 Domestic class corrugated or solid fiberboard boxes, caps, liners, and sleeves.

3.2.1.1.1 Blank size (folded for shipment KD) 240 square inches or less. Boxes, caps, liners, or sleeves of one style, type, class, variety, grade, and size, shall be neatly packed, knocked down flat (KD) in snug fitting shipping containers conforming to grade V2s style RSC of PPP-B-636; or overseas type, style A or B, grade A or B, type 2 load of PPP-B-601. Each fiberboard 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. Each wood container shall be closed and reinforced in accordance with the appendix of PPP-B-601. The weight of the contents of each fiberboard shipping container shall not exceed the special requirement weight limitations of PPP-B-636, and shall not exceed 250 pounds for cleated plywood containers.

3.2.1.1.2 Blank size (folded for shipment KD) exceeding 240 square inches. Boxes, caps, liners or sleeves, of one style, type, class, variety, grade, and size only, having a blank size exceeding 240 square inches, shall be neatly packed, knocked-down flat, in bundles. Each bundle shall consist of one to four stacks arranged as follows: 2 by 1, 3 by 1, or 2 by 2. Maximum length and width of a complete bundle composed of two or more stacks, arranged as specified, shall not exceed 100 inches in either length or width, nor more than 30 inches in height. The gross weight of each bundle shall not exceed 85 pounds, except when the item is of such size that when arranged in one stack, the depth of the bundle is less than 6 inches for a gross weight of 85

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pounds the gross weight shall be increased to provide a bundle up to 6 inches in height at the lowest point, but not over 175 pounds. Each bundle shall be securely crosstied, one crosstie being over the center of each stack, with twine or rope fabricated from sisal or jute, knotted at each crossover to prevent loosening or untying. Alternatively, minimum 1/4 by 0.019 inch non-metallic strapping conforming to PPP-S-760 may be used in place of each crosstie. Breaking strength of the twine or rope shall be not less than 200 pounds.

3.2.1.1.3 Wrapping of bundles.

3.2.1.1.3.1 Bundles composed of one stack only. Each bundle shall be wrapped with waterproof barrier-material conforming to PPP-B-1055. All joints and seams shall overlap a minimum of 4 inches and be securely sealed with waterproof adhesive conforming to MM-A-260.

3.2.1.1.3.2 Bundles composed of more than one stack. Each bundle shall have a pad made of fiberboard conforming to type CF, class domestic, variety SW, grade 275 or type SF, class domestic, grade 275 of PPP-F-320, or of 1/8 inch thick plywood, extending the full length and width of the bundle, placed at the top and bottom of the bundle prior to wrapping. The bundle shall then be wrapped with waterproof barrier material as specified in 3.2.1.1.3.1. Each bundle shall be wrapped in accordance with any one of the following alternates, at the option of the supplier:

a. Alternatively, when the bundle consists of more than one stack, L type edge pads made of fiberboard specified in 3.2.1.1.3.2 with a minimum of 6 inch flanges, may be used. The L type edge pads shall be placed over all of the full length and width edges of the top and bottom surfaces of the bundle. The bundle shall then be wrapped with waterproof barrier material as specified in 3.2.1.1.3.1.

b. Alternatively, when the bundle consists of more than one stack, it may be wrapped with waterproof barrier material, as specified in 3.2.1.1.3.1, eliminating pads specified in 3.2.1.1.3.2 or 3.2.1.1.3.2(a), provided a corner cut inverted tray or cap is used on the top and bottom of each bundle over the wrap. The inverted tray or cap shall be scored to fit length and width dimensions of the stacks of bundles and shall be made of fiberboard conforming to type CF, class domestic, variety SW, grade 200 or type SF, class domestic, grade 200, of PPP-F-320. The flanges of the inverted tray or cap shall be not less than 3 inches long for bundles 6 inches or more in depth. When large boxes, caps, liners or sleeves are bundled and a bundle results with a depth dimension of less than 6 inches, the flanges on the inverted tray or cap may be made in such a manner as to assure adequate protection to the item being shipped.

3.2.1.1.4 Reinforcing of bundles.

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3.2.1.1.4.1 Flat strapping. Flat strapping shall be applied as reinforcing to bundles of fiberboard boxes, caps, liners or sleeves. Steel strapping shall comply with type I or IV, finish A or B, grade 1 or 2 of QQ-S-781, or non-metallic strapping complying with type II or III of PPP-S-760. The minimum size of steel strapping for weights up to 125 pounds shall be 3/8 by 0.020 inch and for bundle weights of 126 to 175 pounds, the steel strapping size shall be 1/2 by 0.020 inch, or 5/8 by 0.015 inch. The minimum breaking strength of nonmetallic strapping shall be 200 pounds per strap for bundles up to 85 pounds and 300 pounds per strap for bundles of 86 to 175 pounds.

3.2.1.1.4.2 Bundles composed of one stack only. Each bundle shall be bound with a minimum of three straps. Two straps shall be placed girthwise over the top, sides, and bottom of the bundle, with each strap located approximately 1/3 the length of the bundle from each end. The third strap shall be centered over the top, ends, and bottom, lengthwise. When the length of the bundle is greater than 36 inches, three straps shall be placed girthwise over the top, sides and bottom, with one strap centered and each of the other two straps located approximately 1/4 the length of the bundle from each end. When the width of the bundle is greater than 30 inches, two straps shall be placed lengthwise over the top, ends, and bottom, with straps located approximately 1/3 the width of the bundle from each side. Edge protectors made of fiberboard as specified in 3.2.1.1.3.2(b) for the inverted tray or cap shall be placed under all straps at the edges of the bundle.

3.2.1.1.4.3 Bundles composed of more than one stack. Each bundle shall have one strap centered over each row of stacks in each direction, except when there is only one row in one of the directions, two straps shall be applied with straps located approximately 1/3 the length (or width, as applicable) of the bundle from each end or side. Edge protectors of fiberboard as specified in 3.2.1.1.4.2 shall be placed under all straps at the edges of the bundle, or an inverted tray may be used as specified in 3.2.1.1.3.2(b).

3.2.1.2 Weather-resistant class corrugated or solid fiberboard boxes, caps, liners and sleeves.

3.2.1.2.1 Blank size (folded for shipment KD) 240 square inches or less. Boxes, caps, liners, or sleeves of one style, type, class, variety, grade, and size only, having a blank size of 240 square inches or less, shall be neatly packed, knocked down flat, in shipping containers as specified in 3.2.1.1.1, except that waterproofing of the shipping containers shall not be required.

3.2.1.2.2 Blank size, (folded for shipment KD) exceeding 240 square inches. Boxes, caps, liners, or sleeves of one style, type, class, variety, grade, and size only, having a blank size exceeding 240 square inches, shall be neatly packed knocked down flat, in bundles consisting of one stack only. Gross weight of each bundle shall not exceed 85 pounds, except when the item is of

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such size that when arranged in one stack, the height of the bundle is less than 4 inches at any point for gross weight of 85 pounds, in which case the gross weight shall be increased to provide a stack up to 4 inches in height at the lowest point in the bundle, but not over 175 pounds. Each bundle shall then be strapped as specified in 3.2.1.1.4.2 with strapping specified in 3.2.1.1.4.1.

3.2.1.2.3 Alternatively, for bundles of boxes, caps, liners, or sleeves, when the thickness of a bundle is greater at some points than at other points, due to the greater space taken up by the creases resulting in a bundle without top and bottom plane surfaces, the bundle may be protected with a strip of fiberboard as specified in 3.2.1.1.4.2, placed around top, bottom, and both ends with ends of the protective strip to overlap not less than 2 inches at center of top or bottom of the bundle as follows:

(a) Boxes or caps. Strips of fiberboard shall be of sufficient width to cover only the score lines of the boxes or caps. The strapping shall be applied as specified in 3.2.1.1.4.2.

(b) Liners or sleeves. Strips of fiberboard shall be of sufficient width to cover the score lines of the liners or sleeves. Each bundle shall be strapped with 3 straps conforming to 3.2.1.1.4.1 applied girthwise, with one strap approximately centered and one strap located approximately $1/4$ the length of the bundle from each end.

3.2.1.3 Containerization. When specified (see 6.2), bundles shall be overpacked in consolidation boxes conforming to type I or II, style 1 of MIL-B-43666. Closure and strapping shall be in accordance with the appendix of MIL-B-43666.

3.2.2 Level B.

3.2.2.1 Domestic and weather resistant classes of corrugated or solid fiberboard boxes, caps, liners and sleeves.

3.2.2.1.1 Blank size, (folded for shipment KD) 240 square inches or less. Boxes, caps, liners, or sleeves, of one style, type, class, variety, grade, and size only, having a blank size of 240 square inches or less, shall be neatly packed, knocked down flat, in a snug fitting fiberboard shipping container conforming to type CF or SF, class domestic; style RSC of PPP-B-636; or class 1, style E, of PPP-B-640. Each PPP-B-636 shipping container shall be closed in accordance with method II as specified in the appendix of PPP-B-636. Each PPP-B-640 container shall be closed in accordance with the appendix of PPP-B-640. The weight of the contents of each fiberboard shipping container shall be in accordance with the weight limitations of the applicable container specification. When specified (see 6.2), the PPP-B-636 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.

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3.2.2.1.2 Blank size (folded for shipment KD) exceeding 240 square inches. Boxes, caps, liners, or sleeves of one style, type, class, variety, grade, and size only, having a blank size exceeding 240 square inches, shall be neatly packed knocked down flat, in bundles consisting of one or more stacks as specified in 3.2.1.1.2 for domestic class fiberboard, or in one stack only as specified in 3.2.1.2.2 for weather resistant class fiberboard.

3.2.2.1.2.1 Reinforcing of bundles. Each bundle shall be reinforced as specified in 3.2.1.1.4. Alternatively, the quantity of boxes specified in the contract of purchase order shall be packed by individual components (tops, bottoms, bodies, trays, caps, liners, etc.). The individually packed components shall then be packed together with top and bottom waster sheets secured with a minimum of 2 straps specified in 3.2.1.1.4.1. Fork lift entry voids shall be provided by the use of waster blocks or bungs, approximately 1/3 the distance from the top of the pack.

3.2.2.2 Packing for Civil agencies. Boxes with the longest dimension 15 inches or less when knocked down, shall be bundled as specified in 3.2.2, and marked and packed in a close fitting fiberboard shipping container in accordance with PPP-B-636 minimum grade 175 fiberboard. Size of the fiberboard containers shall be the option of the supplier except that each fiberboard shipping container in a shipment shall have the same number of fiberboard (KD) box bundles with the exception that one shipping container per order may contain a number of fiberboard (KD) box bundles less than the bulk of the shipment.

3.2.3 Level C. Fiberboard boxes, caps, liners, or sleeves of one style, type, class, variety, grade, and size only, knocked down flat, shall be packed in bundles tightly cross-strapped with steel or nonmetallic strapping or crosstied with twine or rope, in palletized unit loads, or in shipping containers acceptable to the common carriers, for safe transportation to point of destination specified in shipping instructions, at the lowest transportation rate for such supplies. Containers shall be in accordance with Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable.

3.3 Marking.

3.3.1 Civil agencies. In addition to any special marking required by the contract or order, shipping containers and bundles shall be marked in accordance with FED-STD-123.

3.3.2 Military requirements. In addition to any special marking required by the contract or order, shipping containers, bundles and palletized unit loads shall be marked in accordance with MIL-STD-129, except as follows:

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3.3.2.1 Boxes. Each bundle of boxes packaged as specified in 3.2.1.2.2 or 3.2.2.1.2.2 may be marked for shipment on the inner flap of an exterior box in each bundle.

3.3.2.2 Liners. Each bundle of liners packed as specified in 3.2.1.2.2 or 3.2.2.1.2.2 may be marked for shipment on the outside surface of an exterior liner in each bundle.

3.3.2.3 Sleeves. Each bundle of sleeves, packed as specified in 3.2.1.2.2 or 3.2.2.1.2.2 may be marked for shipment on a sheet of weather resistant fiberboard placed on the exterior of each bundle and having the same dimensions of blank area as the sleeves packed.

3.4 Palletization.

3.4.1 Palletization (military requirement). When specified (see 6.2), boxes, caps, liners and sleeves, of one description only, packed as specified in 3.2, shall be palletized in accordance with load type I of MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with banding means K and L or shrink film. Pallet patterns shall be in accordance with the appendix of MIL-STD-147. 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 pallet patterns specified in MIL-STD-147, the pallet pattern used shall first be approved by the contracting officer.

3.4.2 Palletization (civil agencies). Knocked-down (KD) box bundles or containers of (KD) box bundles shall be uniformly stacked and steel strapped on pallet boards (see 3.4.2.1). Pallet shall be constructed of wood with a minimum of five deck boards, three bottom boards and two 2 by 4 stringers, or disposable type fiberboard pallets with a one piece fiberboard top and bottom. Skid type "lifters" shall not be acceptable.

3.4.2.1 Pallet loads. Loaded pallets shall be of uniform size and sufficiently strong to withstand stacking to an overall height of fifteen feet. Each pallet unit shall not exceed forty-four inches in height overall. One size (KD) box only to a pallet and one short pallet load, in height and number of box bundles, per shipment. Pallet sizes shall be 40 x 44, 44 x 44 or 40 x 48 inches except for those box bundles whose dimensions prohibit the use of these pallet sizes without overhang. Then the pallet size shall be such that the (KD) box will make maximum use of the pallet surface area. Boxes with the longest dimension more than 15 inches when knocked-down, shall be packed as specified in 3.2.2, then marked and uniformly stacked on the pallet. Top and bottom waster sheets of fiberboard material shall be placed on the stacks of bundles with the top sheet extending down on two sides a minimum of 24 inches to allow for applicable marking. The bundles of boxes shall be securely fastened to the pallet by banding with steel strapping of

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sufficient size and strength, and in sufficient number in each direction to sustain the unit in its original state during loading, shipment, unloading, and reshipment. Protective pads shall be placed at the corners underneath the steel strapping to prevent damage of boxes at anytime during strapping, shipping, and handling operations.

3.5 Workmanship. Barrier material and strapping or twine shall be sufficiently tight to keep the bundles compressed and square. The container, when used, shall not bulge, and shall be closed and strapped as specified.

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 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 hereinafter.

4.2.1 Component and material inspection. In accordance with 4.1, 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.

4.3 End item inspection.

4.3.1 Examination of the end item for packing and marking. Examination of the end item shall be made for defects classified in tables I and II using the inspection levels and acceptable quality levels (AQLs) specified herein. The sample unit for this examination shall be one pack or bundle for each box, cap, liner, or sleeve, of one style, type, class, variety, grade, or size, for each level of packing. The lot shall be expressed in terms of packs or bundles, as applicable, for boxes, caps, liners, or sleeves. The inspection level shall be S-2 with an AQL of 4.0 expressed in terms of defects per 100 units for major defects and 10.0 expressed in terms of defects per 100 units for total defects.

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TABLE I. Examination of the end item for packing

Examine	Defect	Classification	
		Major	Minor
Packing of boxes, liners, or sleeves	Not neatly packed, boxes bulging		201
	Not knocked down flat	151	
	Unlike items in same pack	152	
Blanks, 240 square inches or less	More than 240 square inches	153	
	Contents not snug fitting within shipping container	154	
	Weight of contents in container greater than allowed by freight classification rules	155	
Shipping containers	Not as specified	156	
Level A packing	Special requirements weight limitation of PPP-B-636 exceeded	157	
Level B packing	Not packed as specified when special level B packing is requested	158	
	Not weather resistant fiberboard when required	159	
	Weight limitations exceeded	160	
Blanks exceeding 240 square inches	Weight of bundle exceeds 85 pounds except as specified	161	
	Weight of bundle exceeds 175 pounds	162	
Weather resistant type fiberboard	Packed in more than one stack	163	
	One or more fiberboard strips missing when specified	164	
	Overlap of fiberboard less than 2 inches		202
	Fiberboard strips do not cover scorelines		203
Domestic type fiberboard	Height of bundle exceeds 30 inches	165	
Bundles	Not securely crosstied with twine, rope, or nonmetallic strapping	166	
	Each crosstie not centered on bundle and knotted at crossover as applicable		204
	Stacks not arranged as specified	167	
	Length or width exceeds 100 inches	168	
	Height exceeds 30 inches	169	

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TABLE I. Examination of the end item for packing (cont'd)

Examine	Defect	Classification	
		Major	Minor
Wrapping of bundles	Waterproof barrier missing	170	
One stack	Overlap of joints less than 4 inches		205
More than one stack	Pad missing from top or bottom	171	
	Fiberboard pad less than grade 275	172	
	Plywood pad less than 1/8 inch thick	173	
	Dimension of pads less than full width and length of stack	174	
	Pads not within waterproof barrier	175	
	One or more L type edge pads missing when specified	176	
	L type edge pads when specified not full length of edges being covered	177	
	Corner cut tray or cap missing when specified	178	
	Tray or cap not over the wrap as specified	179	
	Dimensions of tray or cap after scoring, too large or too small for tight fit over pack	180	
	Flanges of tray or cap less than 3 inches on bundles exceeding 6 inches in height		206
	Twine or rope less than 200 pound breaking strength		207

TABLE II. Examination of the end item for strapping and marking

Examine	Defect	Classification	
		Major	Minor
Reinforcing of bundles			
Strapping	Size less than specified for weight of bundle	401	
	Less than three straps (when specified)	402	
	Not placed as specified	403	
	Located more or less than 1/3 the length or width from each end as required		501

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TABLE II. Examination of the end item for strapping and marking (cont'd)

Examine	Defect	Classification	
		Major	Minor
Reinforcing of bundles (cont'd)			
Strapping (cont'd)	Additional straps missing when specified	404	
	One or more protective pads missing when required	405	
	Inverted tray missing when specified	406	
Marking	Omitted, incomplete, incorrect, illegible, improper size, locations, sequence or method of application	407	

4.3.1.1 Examination of shipping containers. When shipping containers are required to be in accordance with PPP-B-636, PPP-B-640, PPP-B-601 or MIL-B-43666, examination for closure, waterproofing, and strapping as applicable, shall be in accordance with the applicable appendix of those specifications.

4.3.1.2 Examination for palletization. An examination shall be made to determine that the palletization complies with the requirements specified in 3.4. Defects shall be scored in accordance with the list below. The sample unit shall be one palletized unit load fully prepared for delivery. The lot shall be the number of palletized unit loads in the end item inspection lot. The inspection level shall be S-1 and the AQL shall be 6.5 expressed in terms of defects per hundred units.

<u>Examine</u>	<u>Defect</u>
Finished dimension	Length, width, or height exceeds specified maximum requirement
Palletization	Not as specified No waster sheets Pallet pattern not as specified Interlocking of loads not as specified Load not bonded with required straps as specified No protective pads
Weight	Exceeds maximum load limits
Marking	Omitted; incorrect; illegible; of improper size, location, sequence or method of application

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5. PREPARATION FOR DELIVERY**5.1 Not applicable.****6. NOTES**

6.1 Intended use. This specification covers the packing and marking for shipment and storage of boxes, caps, liners, and sleeves, fabricated from corrugated or solid fiberboard, knocked down flat, in all styles, types, classes, varieties, grades, and sizes.

6.2 Ordering data. Purchasers should exercise any desired options offered herein and procurement documents should specify the following:

- (a) Title, number, and date of this specification
- (b) Selection of applicable levels of packing (see 3.2)
- (c) When bundles are to be overpacked in consolidation boxes (see 3.2.1.3)
- (d) When weather-resistant grade fiberboard shipping containers are required for level B packing (see 3.2.2.1.1)
- (e) When level C requirements are authorized for standard pack (see 3.2.3).
- (f) When palletization (military requirement) is required (see 3.4)

Custodians:

Army - GL
Navy - SA
Air Force - 69

Preparing activity:

Army - GL

Civil Agency Coordinating Activities:

AGR - APS
GSA - FSS

Review activities:

Army - SM
Air Force - 82

Project No. 8115-0304

User activities:

Army - MI, ME
Navy - MC, YD
Air Force - 71

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