

MIL-T-82288B  
23 January 1981  
SUPERSEDING  
MIL-T-82288A  
13 November 1974

## MILITARY SPECIFICATION

### TARPAULIN: LAMINATED, VINYL-NYLON, FLEXIBLE

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

#### 1. SCOPE

1.1 Scope. This specification covers the requirements for tarpaulins fabricated of flexible, vinyl-nylon, laminated cloth.

1.2 Classification. The tarpaulin covered by this specification shall be of two types:

Type I - 16 ft. X 100 ft.  
Type II - 14 ft. X 12 ft.

#### 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

V-T-285	- Thread, Polyester
DDD-L-20	- Label; for Clothing, Equipage and Tentage, (General Use)
PPP-B-636	- Boxes, Shipping, Fiberboard
PPP-F-320	- Fiberboard, Corrugated and Solid Sheet Stock (Container Grade), and Cut Shapes

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Beneficial comments (recommendations, additions, and deletions) and any pertinent data which may be of use in improving this document should be addressed to: Officer in Charge, Navy Clothing and Textile Research Facility, 21 Strathmore Road, 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.

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FSC 8340

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MILITARY

- MIL-G-16491 - Grommet, Metallic
- MIL-C-43006 - Cloth and Strip, Laminated, Vinyl-Nylon,  
High Strength Flexible

STANDARDS

FEDERAL

- FED-STD-191 - Textile Test Methods
- FED-STD-595 - Color
- FED-STD-751 - Stitches, Seams, and Stitchings

MILITARY

- 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 40X48 Pallets

(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.)

LAWS AND REGULATIONS

US POSTAL SERVICE MANUAL

(Copies of the manual may be obtained from the Superintendent of Documents, US Government Printing Office, Washington, DC 20402).

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, INC., AGENT

National Motor Freight Classification

(Application for copies should be addressed to American Trucking Association, ATTN: Traffic Department, 1616 P Street, Washington, DC 20036.)

UNIFORM CLASSIFICATION COMMITTEE, AGENT

Uniform Freight Classification

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

### 3. REQUIREMENTS

3.1 Standard sample. When a standard sample is available, the finished tarpaulin shall be equal to the sample with respect to all characteristics for which the standard sample is referenced (see 6.3).

\* 3.2 First article. When specified (see 6.2), the contractor shall furnish sample unit(s) for first article inspection and approval (see 4.3).

### 3.3 Materials

3.3.1 Base fabric. The base fabric for the Type I Tarpaulin shall conform to Type I or II, Class 2, Form 1 as specified (see 6.2) of MIL-C-43006. The base fabric for the Type II Tarpaulin shall conform to Type II, Class 2, Form 1 of MIL-C-43006. The smooth side of the fabric shall be the face of the finished tarpaulin.

\* 3.3.2 Color. The color or color combinations for the Type I and Type II Tarpaulins shall be as specified (see 6.2) and shall conform to FED-STD-595.

3.3.3 Grommets. The grommets shall conform to Type III, class 3, size no 5 of MIL-G-16491.

3.3.4 Thread, polyester. The thread used for all stitching shall conform to Type I, Class 1, sub-class B, size FF of V-T-285. The thread may be colored or natural. When colored thread is used, the thread shall approximately match the color specified for the base fabric. Requirements for colorfastness shall not apply.

3.3.5 Adhesive. Adhesive used to cement seams and hems shall be of a type compatible with the coated fabric and shall be capable of producing seams to meet the requirements of 3.5.2.3. All cemented areas shall be thoroughly dried and talced if necessary.

### 3.4 Design

\* 3.4.1 Type I Tarpaulin. The type I tarpaulin shall be of a size as specified in 1.2. It shall be fabricated from lengths of the specified base fabric, joined by heat-sealed seams along their lengthwise edges and be furnished with a plain edge and without grommets.

\* 3.4.2 Type II Tarpaulin. The design of the Type II Tarpaulin shall be in accordance with figure 1. The tarpaulin shall be fabricated from lengths of the specified base fabric with heat-sealed or cemented seams. The tarpaulin shall have a turn under hem and be furnished with grommets as specified in 3.3.3 and attached as in the figure.

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\* 3.4.3 Figure. Figure 1 is furnished for information purposes only. To the extent of any inconsistencies between the written specification and the figure, the written specification shall govern.

3.5 Construction. The construction of the tarpaulins shall conform to applicable figure and requirements specified herein.

#### 3.5.1 Type I, Tarpaulin

3.5.1.1 Width. The Type I tarpaulin shall be made of four (4) widths of the material specified in 3.3.1 and shall be constructed by heat sealing along their warpwise edges so that the overall width shall measure 16 feet (+ 5 inches - 1 inch).

3.5.1.2 Length. The finished length of the Type I Tarpaulin shall be 100 feet (+ 3 feet). The parallel outer edges of the tarpaulin shall measure within 2 feet of each other.

3.5.1.3 Splices. Each width of basecloth heat sealed together shall consist of not more than two (2) unbroken continuous lengths, heat sealed together in the same manner as the long sides and as specified in 3.5.1.4. None of the pieces so spliced shall be less than seven (7) yards in length. Splices shall be so staggered that on adjacent widths the splices are not less than 18 inches apart.

\* 3.5.1.4 Seams. Type I Tarpaulin seams shall be constructed by the use of a heat sealing apparatus or machine. The fused zone shall be not less than 3/4 inch wide and shall be uniform in appearance. The seam shall extend along the entire length of the tarpaulin. The excess material along the edge of the seam on both face and back shall not exceed 1/4 inch and shall not contain any brittle or excess materials. The strength of the seam shall not be less than 150 pounds per inch when Type I, Class 2, Form 1 of MIL-C-43006 is used and not less than 70 pounds per inch when Type II, class 2, Form 1 fabric of MIL-C-43006 is used. Testing shall be as specified in 4.5. Heat sealed seams shall be smooth, fully adhered throughout their lengths and shall be free of puckers, air pockets or tunnels. As an alternate to heat sealing, any other suitable method except stitching may be used provided the above requirements are met.

3.5.1.5 Area. The area of each heat sealed sheet shall be computed individually and recorded on its shipping container in square feet. When the unit of purchase is a square foot, the computed area shall be the basis for invoicing. The following formula shall be used to compute the area of each sheet (reported to the nearest square foot): (See 5.4).

$$\frac{\text{Length of the shorter of the two long sides in inches} \times 192 \text{ (in. nom. width)}}{144 \text{ (inches in a square foot)}} = \text{sq. feet}$$

\* 3.5.1.6 Cleanness. Type I tarpaulins when procured in yellow shade 23655 are applicable to a critical end use and must be completely free and clean from all defects which could cause contamination in that use.

3.5.2 Type II Tarpaulin. The tarpaulin shall be made as shown in figure 1. The finished tarpaulin shall be made of not more than three (3) panels of the material specified in 3.3.1. Seams shall be either heat-sealed or cemented with a suitable adhesive (see 3.3.5).

3.5.2.1 Dimensions. Measurements shall be 14 feet ( $\pm$  2 inches) in length and 12 feet ( $\pm$  2 inches) in width.

3.5.2.2 Splices. Splicing of panels shall not be permitted.

3.5.2.3 Seams. The seams shall be full length and shall be parallel to the lengthwise direction of the tarpaulin. Seams may be either heat sealed or cemented. The strength of the seam shall be not less than 70 pounds per inch when tested as specified in 4.5. All seams shall be smooth and fully adhered throughout their lengths and shall be free of puckers, air pockets or tunnels. As an alternate to heat sealing or cementing, any other suitable method except stitching may be used provided the above requirements are met.

3.5.2.4 Hems. The Type II, tarpaulin shall have a two-inch, double turn under hem either cemented, with a suitable adhesive (see 3.3.5) heat-sealed or stitched as shown in figure 1.

3.5.2.4.1 Stitching. All stitching shall conform to stitch type 301 or 401 of FED-STD-751, 7 to 9 stitches per inch. Stitching type for the hem shall be in accordance with figure 1. Thread breaks in stitching shall be overstitched not less than 1 inch at each break, except where ends are turned under in a hem and held down by the other stitching. Thread breaks of 401 stitch type shall be repaired using 301 stitch type. The addition of any lubricant to the polyester thread prior to or during the sewing operation is prohibited.

3.5.2.5 Attaching of grommets. Grommets, as specified in 3.3.3, shall be attached in accordance with figure 1. Holes punched to receive grommets shall be smaller than the outside diameter of the grommet barrel so that the grommet must be forced through the hole. Grommets shall be securely clinched without cutting the material.

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\* 3.5.3 Patches. The application of repair patches to the surface of the laminated cloth and over welded seams shall be permitted on either face or back of the sheets. Patches shall be made of the specified basecloth and the surface grain shall run in the long direction, and shall be facing up or down in the same manner as the basecloth to which they are attached. Patches over a single ply of the basecloth shall not exceed two (2) inches in their longest dimension. They shall be rounded all along their circumference and the edges shall be smooth and free from protrusions. Patches shall be either welded or cemented to the laminated cloth to adhere firmly and completely. There shall be no loose areas nor shall any portion of a patch come loose when the cloth is flexed or patches are probed manually. There shall be no more than six patches on either face or back of any heat sealed sheet. Patches over the fused zone shall be heat sealed completely and fused to the area to which they are attached. They shall be completely aligned with the weld and trimmed as specified. Only one side of a fused zone may be patched (face or back) along any given length. There shall be no more than 18 inches of patching on either face or back of the heat sealed sheet, continuously or intermittently, over any one of the lengthwise seams and there shall be no patch over any transverse seam.

3.6 Marking. All marking shall conform to requirements specified in DDD-L-20 and shall be on the face side of the base fabric.

\* 3.6.1 US marking. Tarpaulin shall have the letters "US". The marking shall conform to Type IV, class 9 of DDD-L-20, and shall show good colorfastness to accelerated weathering. The lettering for Type I tarpaulin shall be 3/4 inch block letter and shall appear on the face side, one in each square yard approximately. The lettering for Type II tarpaulin shall be in accordance with Figure 1.

3.6.2 Identification marking. Marking for the Type II tarpaulin shall conform to Type IV, class 8 of DDD-L-20. Location of markings shall be as shown on figure 1 and shall include the following: Item description, Contract No., Federal Stock No., Size, and Contractor's name.

3.7 Workmanship. The finished tarpaulins shall conform to the quality of product established by this 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 or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the contractor may use his own or any other facilities suitable for 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 Classification of inspection. The inspection requirements specified herein are classified as follows:

1. First article inspection (see 4.3).
2. Quality conformance inspection (see 4.4).

4.3 First article inspection. The first article submitted in accordance with 3.2 shall be inspected as specified in 4.4.4 and 4.4.4.1 for compliance with design, construction, workmanship and dimensional requirements.

4.4 Quality conformance inspection. Inspection shall be in accordance with the provisions set forth in MIL-STD-105, except where otherwise indicated herein.

4.4.1 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.

4.4.1.1 Examination of length of the laminated cloth. In addition to the examination and tests required by the applicable specification, the laminated cloth shall be examined during the measuring operation to verify accuracy of length. Pre-measured lengths shall be suitable for further processing if all tolerances are met for the finished, heat sealed sheets.

4.4.2 In-process inspection. Inspection shall be made at any point or during any phase of the manufacturing process to determine whether operations or assemblies are carried out as specified. The Government reserves the right to exclude from consideration for acceptance any material or service for which in-process inspection has indicated non conformance.

4.4.3 Examination of the end item. The defects found during the examination of the end item shall be classified in accordance with 4.4.4 and 4.4.4.1. The applicable inspection levels and acceptable quality levels (AQL's) shall be as indicated in 4.4.5. The sample unit shall be one completely fabricated tarpaulin. The lot size shall be expressed in units of all completely fabricated tarpaulins offered for inspection at one time.

\* 4.4.4 Visual examination. Visual examination of the face and the back of the completely fabricated tarpaulins shall be made for the defects outlined in Table I.

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Table 1 - Classification of Defects

Examine	Defect	Classification	
		Major	Minor
Material	Hole, cut, tear, blistered, abrasion coating missing	X	
	Not the specified color	X	
	Color off-shade, mottled or shaded		X
	Any fabric defect (MIL-C-43006) not repaired or incompletely repaired by patches	X	
	Delamination	X	
Patches	Fabric other than base fabric being repaired	X	
	Not facing to same side as base fabric (face or back)		X
	Not aligned in same direction as surface grain of base fabric		X
	More than 2 inches long		X
	Edges not rounded		X
	Edges not smooth and free from protrusions		X
	Not completely and firmly attached	X	
	Edge coming loose when flexed manually	X	
	More than six patches on either face or back of sheet	X	
	Not completely fused	X	
	Not completely aligned with weld		X
	Same weld area patched on both sides		X
	Any transverse seam patched	X	
	More than 18 inches of seam patched either side		X
Seams	Less than 3/4 inch wide (Type I)	X	
	Any open area, puckered, delaminated area, or not completely fused	X	
	Any burn out or blister	X	
	Seam not forming straight line	X	
	Not uniform in appearance, distortions		X
	Cemented seam not talced if necessary		X
	Flashing (excess on edges) more than 1/4 inch wide	X	
	More than three parallel lengthwise seams (Type I)	X	
	Any double seam	X	



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Table I - Classification of defects (cont'd)

Examine	Defect	Classification	
		Major	Minor
Workmanship	More than two continuous (unbroken) pieces in any component width	X	
	Any piece less than seven yards long		X
	Transverse splices in adjacent component widths less than 18 inches apart	X	
	More than 3 panels (Type II)	X	
	Any required component or operation omitted	X	
	Wrong side of fabric used as face side	X	
	Open hem (on stitched hems):		
Hems Type II stitches	-1 inch or less		X
	-more than 1 inch	X	
	Run offs (see open hem)		X
NOTE: A hem shall be classified as open when one or more stitches joining a hem are broken, or when two or more continuous skipped stitches or run-offs occur, and are not overstitched.			
Thread breaks:			
	-overstitches less than 1 inch		X
NOTE: Thread breaks not overstitched shall be classified as an open hem.			
Hem and stitch type	Cemented hem not talced if necessary		X
	Needle chews	X	
Stitch tension	Wrong hem or stitch type	X	
	Loose, resulting in a loosely exposed bobbin or top thread		X
	Tight, resulting in excessive tightness or puckering of fabric	X	
Stitches per inch	One stitch less than minimum specified		X
	Two or more stitches less than minimum specified	X	
	One or more stitches in excess of maximum specified		X
Stitching margin	Larger than specified:		
	-by more than 3/16 inch for more than 4 inches		X

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Table I - Classification of Defects (cont'd)

Examine	Defect	Classification	
		Major	Minor
Stitching gage	Not as specified		X
Stitching ends	Overstitched less than one inch (except where ends are held down by other stitching or tuned under in a hem)		X
Hems: Type II	Badly pleated, puckered, or twisted		X
Heal sealed or cemented	Any hem area open, any channel	X	
Grommets	Not properly cemented or heat sealed	X	
	Improperly set:		
	-excessively loose, allowing grommets to rotate in hole		X
	-excessively tight, cutting surrounding fabric	X	
Marking	Omitted, incorrect, illegible, or misplaced		X
Cleanness <u>1/</u>	Any surface dust		X
	Any stain or foreign matter, clearly visible at 6' distance		X
	Overall uncleanness		X
"US" marking	Omitted, illegible, or not on face of sheet		X
	Wipes off or smears when rubbed with finger		X
	Lettering not specified size		X
	Marking not applied as specified (Type I)		X

1/ Any surface dust, stain, foreign matter or overall uncleanness on either side of Type I tarpaulin made in the yellow shade 23655, shall cause a rejection of the lot presented.

4.4.4.1 Dimensional examination. Any dimension not within the specified tolerances shall be classified as a defect.

4.4.5 Inspection levels and acceptable quality levels. The inspection levels and acceptable quality levels, expressed in defects per one hundred units (DHU) shall be as follows:

	Inspection level	AQL's	
		Major	Major and Minor combined
For defects applicable to 4.4.4 (Type I)	I	40.0	100.0
For defects applicable to 4.4.4 (Type II)	II	15.0	40.0
For defects applicable to 4.5	S-2	-	2.5
For defects applicable to 4.4.4.1	S-3		2.5
			One class

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4.5 Examination of packaging. An examination 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 the list below. The sample unit shall be one shipping container fully packed, selected just prior to the closing operation. Defects of closure listed below shall be examined on shipping containers fully prepared for delivery. The inspection level and acceptable quality levels (AQL's) shall be as specified in 4.4.5.

<u>Examine</u>	<u>Defect</u>
Marking (exterior and interior)	Omitted, incorrect, illegible, of improper size, location, sequence, or method of application.
Materials	Any component missing Any component damaged. Any component not as specified.
Workmanship	Inadequate application of components, such as: Incomplete closure of container flaps, loose strapping, Inadequate stapling. Bulging or distortion of containers.
Content	Not folded as specified. More or less than amount specified.
Special area marking (Type I)	Sum of areas (in square feet) computed from all heat sealed sheets in the sample exceed sum of areas (in square feet) marked on their respective containers by more than 25 square feet.

4.6 Testing of the end item. The finished heat sealed sheets shall be tested for strength of seams (see 4.6.1). In lieu of the actual end items, sample units for testing shall be prepared by cutting 1 linear yard in half in warp direction and by heat sealing the two pieces together warpwise along their two uncut edges, using the same apparatus, temperature and sealing time as would be used during the actual production of the sheets. Three such sample units shall be prepared for each lot. For each sample unit, a different roll of laminated fabric shall be used and the roll number shall be marked on the sample unit. The lot shall be unacceptable if one or more sample units fail to meet the requirement for strength of seam.

4.6.1 Testing of seams. The seam strength shall be tested in accordance with Method 5100 of FED-STD-191 with the following modifications:

The test specimen shall be a rectangle of cloth measuring 4 inches by a minimum of 6 inches, with the welded seam in the middle of the rectangular strip. The short dimension of the specimen shall be parallel to the welded seam. Five (5), specimens prepared as indicated above shall be tested from each unit of product and the average shall be reported as the strength of seam of a sample unit.

## 5. PACKAGING

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5.1 Preservation packaging. Packaging shall be level A or C as specified (see 6.2).

5.1.1 Level A

5.1.1.1 Type I. Each 16 ft X 100 ft tarpaulin shall be neatly folded lengthwise in six approximately equal parts in such a manner that no two lengthwise seams are on top of each other. The sheets shall be pleat folded in 3 or 4 foot folds for the entire length. Tarpaulins procured in yellow shade 23655 shall be completely wrapped in paper or polyethylene sheeting and sealed to protect the cleanness of the item.

5.1.1.2 Type II. Each 14 ft X 12 ft tarpaulin shall be folded in half the length and half the width. The tarpaulin shall then be folded one-third the length and one-third the width. The tarpaulin shall again be folded in half the length, resulting in approximate dimensions of 24 X 14 X 1 1/2 inches. The completely folded tarpaulin shall be securely cross-tied with cotton tape or twine.

5.1.2 Level C (Commercial packaging). Tarpaulins shall be packaged to afford adequate protection against physical damage during shipment from the contractor to the first receiving activity. The package and the quantity per package shall be the same as that normally used by the contractor for retail distribution.

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

5.2.1 Level A

5.2.1.1 Type I. One tarpaulin packaged as specified in 5.1, shall be packed in a fiberboard shipping container conforming to style RSC-L, grade V2s of PPP-B-636. The inside of each container shall be fitted with a taped liner conforming to type CF, class weather-resistant, variety DW, grade V15c of PPP-F-320. Each container shall have the contents completely covered on the top and bottom with a sheet of commercial grade kraft paper. Each container shall be closed, waterproofed and reinforced with flat strapping or tape banding in accordance with the appendix of the box specification.

5.2.1.2 Type II. Five tarpaulins, packaged as specified in 5.1, shall be packed in a fiberboard shipping container conforming to style RSC-L, grade V2c of PPP-B-636. The inside of each shipping container shall be fitted with a taped liner, conforming to type CF, class weather-resistant, variety DW, grade V15c of PPP-F-320. Level A packages shall be packed flat, 5 in depth within a shipping container. Inside dimensions of each container shall be approximately 24 1/2 X 14 1/2 X 7 1/2 inches. Each container shall have the contents completely covered on the top and bottom with a sheet of commercial grade kraft paper. Each container shall be closed, waterproofed, and reinforced with flat strapping or tape banding in accordance with the appendix of the box specification.

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### 5.2.2 Level B

5.2.2.1 Type I. Each tarpaulin, packaged as specified in 5.1, shall be packed in a fiberboard shipping container, conforming to style RSC-L, type CF (variety SW) or SF, class domestic, grade 300 of PPP-B-636. The inside of each container shall be fitted with a taped liner conforming to Type CF, class domestic, variety DW, grade 275 of PPP-F-320. Each container shall be closed in accordance with method II as specified in the appendix of the box specification. Each shipping container shall be reinforced in accordance with the appendix of PPP-B-636, except that two (2) reinforcing bands will be applied in each the length and width direction.

5.2.2.2 Type II. Five tarpaulins, packaged as specified in 5.1, shall be packed in a fiberboard shipping container conforming to style RSC-L, type CF or SF, class domestic, variety SW, grade 275 of PPP-B-636. The inside of each container shall be fitted with a taped liner conforming to Type CF, class domestic, variety DW, grade 275 of PPP-F-320. Level A packages shall be packed flat, five in depth within a shipping container. Inside dimensions of each shipping container shall approximate 24 1/2 X 14 1/2 X 7 1/2 inches. Each container shall have the content completely covered on the top and bottom with a sheet of commercial grade kraft paper. Each shipping container shall be closed in accordance with method II as specified in the appendix of the box specification.

5.2.2.3 When specified (see 6.2), the shipping container shall be grade V3c, V3e or V4s fiberboard box fabricated in accordance with PPP-B-636 and closed in accordance with the appendix of the container specification.

5.2.3 Level C (Commercial packaging). Tarpaulins packaged as specified in 5.1, shall be packed in a manner to insure carrier acceptance and safe delivery at destination at the lowest transportation rate for such supplies. The quantity per shipping container shall be the same as that normally used by the contractors for retail distribution. Containers shall comply with the US Postal Service Manual, Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable.

5.3 Palletization. When specified (see 6.2), tarpaulins packed as specified 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 bonding means K and L. Pallet patterns shall be in accordance with the appendix of MIL-STD-147. 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 shall be approved by the contracting officer.

5.4 Marking. Shipping containers shall be marked in accordance with MIL-STD-129 unless otherwise specified by the contract or order. Area marking shall be in accordance with 3.5.1.5.

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## 6. NOTES

6.1 Intended use. The type I tarpaulin is intended for use in "clean rooms", gun covers and protective covers for equipment used by the military services. They may be used in one piece or cut to required dimensions as needed. The Type II tarpaulin is intended for use as a light duty general tarpaulin.

6.2 Ordering data. The procurement document should specify the following:

- a. Title, number and date of this specification.
- b. When first article is not required (see 3.2).
- c. Colors or color combinations required (see 3.3.2).
- d. Selection of applicable levels of packaging and packing (see 5.1 and 5.2).
- e. When weather-resistant grade fiberboard shipping containers are required for level B packing (see 5.2.2.3).
- f. When palletization is not required (see 5.3).
- g. Type and class of base fabric required (see 3.3.1).

6.3 Standard sample. For access to standard sample, address the procuring office issuing the invitation for bids.

Custodians:

Navy - NU

Air Force - 99

Preparing activity:

Navy - NU

User activity:

Navy - YD

Project No. 8430-0395

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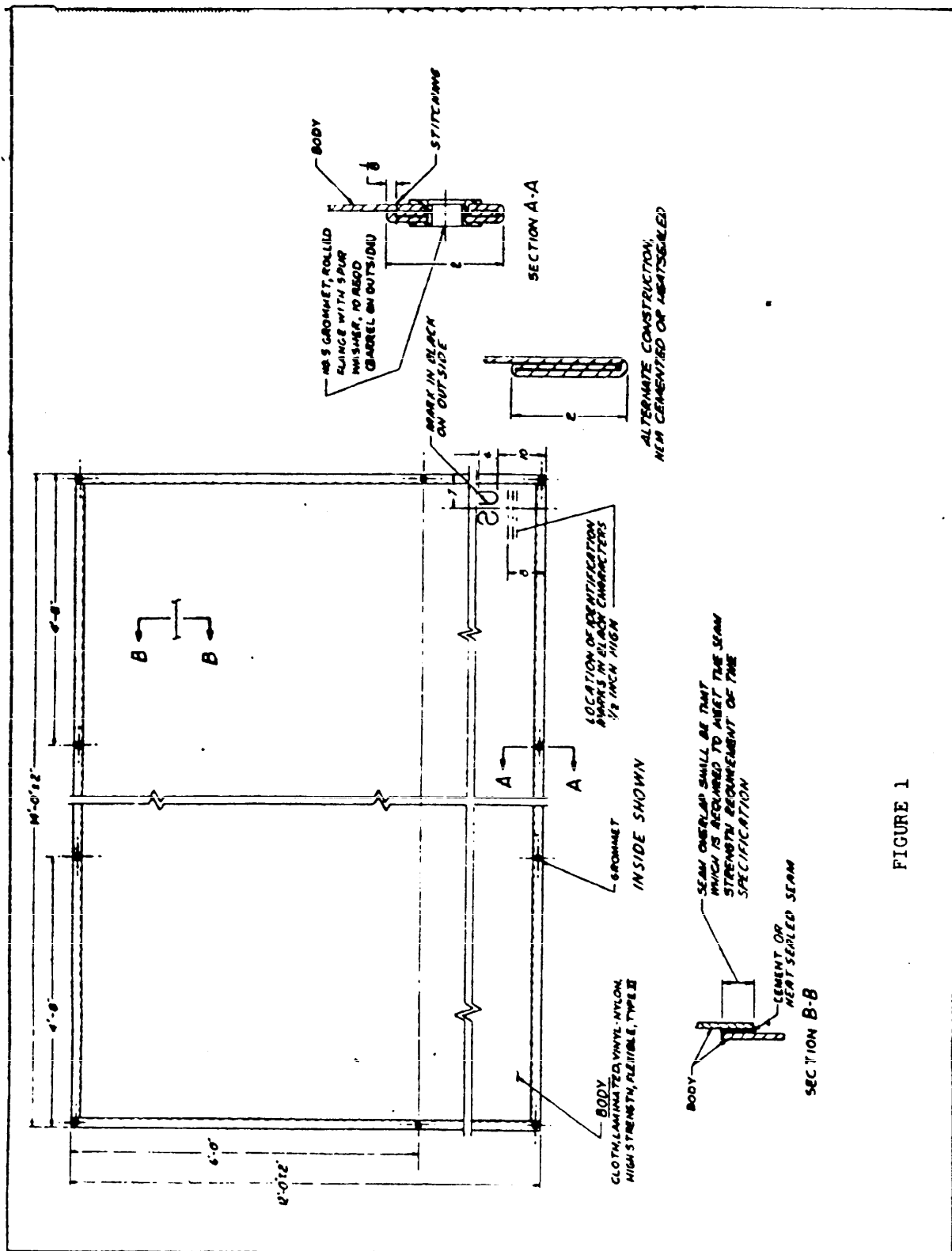


FIGURE 1

FOLD

DEPARTMENT OF THE NAVY



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

**BUSINESS REPLY MAIL**

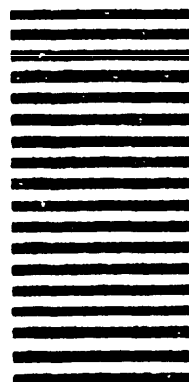
FIRST CLASS

PERMIT NO. 12503

WASHINGTON D. C.

POSTAGE WILL BE PAID BY THE DEPARTMENT OF THE NAVY

Officer In Charge  
Navy Clothing and Textile Research Facility  
21 Strathmore Road  
Natick, MA 01760



FOLD



**STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL**

**INSTRUCTIONS:** This form is provided to solicit beneficial comments which may improve this document and enhance its use. DoD contractors, government activities, manufacturers, vendors, or other prospective users of the document are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity. A response will be provided to the submitter, when name and address is provided, within 30 days indicating that the 1426 was received and when any appropriate action on it will be completed.

**NOTE:** This form shall not be used to submit requests for waivers, deviations or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

**DOCUMENT IDENTIFIER (Number) AND TITLE**

**MIL-T-82288B Tarpaulin: Laminated, Vinyl-Nylon, Flexible**

**NAME OF ORGANIZATION AND ADDRESS OF SUBMITTER**

☐ **VENDOR**      ☐ **USER**      ☐ **MANUFACTURER**

1. ☐ **HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?**      ☐ **IS ANY PART OF IT TOO RIGID, RESTRICTIVE, LOOSE OR AMBIGUOUS? PLEASE EXPLAIN BELOW.**

**A. GIVE PARAGRAPH NUMBER AND WORDING**

**B. RECOMMENDED WORDING CHANGE**

**C. REASON FOR RECOMMENDED CHANGE(S)**

**2. REMARKS**

**SUBMITTED BY (Printed or typed name and address — Optional)**

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