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MILITARY SPECIFICATION

POUCH, HUMAN REMAINS

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

1. SCOPE

1.1 Scope. This document covers two types of pouches for human remains.

1.2 Classification. Pouches shall be of the following types, as specified (see 6.2).

Type I - Center opening
Type II - Side opening

2. APPLICABLE DOCUMENTS

* 2.1 Government documents. Unless otherwise specified, the following documents, of the issue in effect on date of invitation for bids or request for proposal, form a part of this document to the extent specified herein.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be used in improving this document should be addressed to: U.S. Army Natick Research and Development Center, Natick, MA 01760-5014, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

FSC 9930

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MIL-P-10808F

SPECIFICATIONS

FEDERAL

- V-F-106 - Fasteners, Slide: Interlocking.
- V-T-285 - Thread, Polyester.
- QQ-W-461 - Wire, Steel, Carbon (Round, Bare, and Coated).
- UU-P-268 - Paper, Kraft, Wrapping.
- DDD-L-20 - Label; for Clothing, Equipage, and Tentage (General Use).
- PPP-B-636 - Boxes, Shipping, Fiberboard.

MILITARY

- MIL-W-530 - Webbing, Textile, Cotton, General Purpose, Natural or in Colors.
- MIL-W-4088 - Webbing, Textile, Woven, Nylon.
- MIL-F-10884 - Fasteners, Snap.
- MIL-C-20696 - Cloth, Coated, Nylon, Waterproof.
- MIL-C-43128 - Cloth, Plain Weave, Nylon, Water Repellent, OG-106.
- MIL-B-43861 - Bag, Plastic, Mortuary.

STANDARDS

FEDERAL

- FED-STD-191 - Textile Test Methods.
- FED-STD-406 - Plastics, Methods of Testing.
- FED-STD-601 - Rubber: Sampling and Testing.
- 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-130 - Identification Marking of U.S. Military Property.
- MIL-STD-147 - Palletized Unit Loads.

DRAWINGS

ARMY NATICK RESEARCH AND DEVELOPMENT CENTER

- 2-2-219 - Pouch, Human Remains, type I.
- 2-2-303 - Pouch, Human Remains, type II.

MIL-P-10808F

(Copies of documents required by manufacturers in connection with specific functions should be obtained from the contracting activity or as directed by the contracting officer.)

* 2.2 Other publications. Unless otherwise specified, the following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this document to the extent specified herein.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

D 1424 - Test Resistance of Woven Fabrics by Falling Pendulum
(Elmendorf) Apparatus

D 3951 - Standard Practice for Commercial Packaging

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

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

* 2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document shall take precedence.

3. REQUIREMENTS

3.1 Samples.

* 3.1.1 Guide samples. Samples, when furnished, are solely for guidance and information to the contractor (see 6.3). Variation from the document may appear in the sample, in which case the document shall govern.

3.1.2 Standard sample. Unless otherwise specified, standard samples for color shall apply.

* 3.1.3 First article. When specified, a sample shall be subjected to first article inspection (see 4.3, 6.2, and 6.4).

* 3.2 Materials and components. (see 6.5).

3.2.1 Cloth.

3.2.1.1 Type I. The cloth for the body of the type I pouch shall be nylon conforming to MIL-C-43128.

MIL-P-10808F

3.2.1.2 Type II. The coated cloth for the type II pouch shall be Olive Green 207 and shall conform to type II, class 1 of MIL-C-20696 except that the coating compound shall be applied in approximately equal quantities to the both sides of the base cloth and the coated cloth shall conform to the requirements specified in table I, when tested as specified in 4.4.1.

TABLE I. Coated cloth requirements

Characteristic	Requirement
Overall weight, ounces/sq. yd.	
Minimum	20.0
Maximum	23.0
Adhesion of coating, lbs/2 inch width, min.	
Initial	6.0
After boiling	5.5
Breaking strength, pounds, min.	
Warp	110
Filling	70
Tearing strength, grams, min.	
Warp	1280
Filling	1600
Hydrostatic resistance, lbs/sq. in., min.	
Initial	10
After resistance to low temperature	10
Blocking, scale rating, maximum	No. 3

3.2.3 Webbing.

3.2.3.1 Type I. The webbing for the carrying loops shall conform to MIL-W-530, type III, class 4, 1-1/2 inches wide. The webbing shall be dyed to match an approved shade of Olive Drab 7.

3.2.3.2 Type II. Webbing for the straps and tabs shall conform to type XII of MIL-W-4088. The color shall be Olive Green 207.

3.2.4 Thread (both types). The thread for seaming and stitching shall be polyester, type I, class 1, sub-class a, size F, conforming to V-T-285, except that colorfastness requirements shall not apply. The thread shall be dyed Olive Drab S-1 (Cable No. 66022). No sewing finishes shall be applied to the thread.

MIL-P-10808F

3.2.5 Slide fastener.

* 3.2.5.1 Type I. The slide fastener shall be brass or Olive Drab shade continuous element polyester coil for types 1 and 2 slide fasteners, type I, style 3, size MH, conforming to V-F-106. The space slide fastener tape shall be dyed Olive Drab S (Cable No. 66519) and colorfastness requirements shall not apply. The tape shall be water repellent and mildew resistant treated. The mildew resistant treatment shall be copper-8-quinolinolate.

3.2.5.1.1 Slide fastener thong. The thong for the tab of the slide fastener shall conform to the requirements of V-F-106, using copper-8-quinolinolate as the mildew inhibitor. The finished length of the thong shall be not less than 4 inches nor more than 4-1/2 inches. The ends of the thong shall not fray.

3.2.5.2 Type II. The slide fastener shall be brass or Olive Drab shade continuous element polyester coil, type I, style 19, size MH, 123-3/4 \pm 1/2 inches in length, conforming to V-F-106. The slide fastener tape shall be Olive Drab S (Cable No. 66519) and colorfastness requirements shall not apply.

3.2.6 Oblong ring (type II only). The oblong ring to be used as reinforcement for carrying handles on the type II pouch shall be fabricated of 5/16 inch diameter steel wire conforming to composition 1010-1020, finish 1 of QQ-W-461. After forming to shape, the ends of the wire shall be joined by welding or brazing. The welded or brazed joint shall be sound and smooth. After complete fabrication the oblong ring shall be zinc coated with a minimum coating of 0.0005 inches in thickness except that the coating may be 0.0002 inches in places hard to plate. Dimensions shall be as shown in Drawing 2-2-303.

3.2.7 Snap fasteners (type II pouch only). The snap fasteners shall conform to style 2, finish 2 of MIL-F-10884 (Button MS 27980-1B; Socket MS 27980-6B; Stud MS 27980-7B; and Eyelet MS 27980-8B).

3.3 Design, construction, and dimensions.

3.3.1 Type I. The design, construction, and dimensions shall be as shown on Drawing 2-2-219, except that the pouch may have a longitudinal seam in the bottom. Except where specified on the drawing, tolerances shall be as follows:

<u>Dimensions</u>	<u>Tolerance</u>
Up to 1 inch	+ 1/16 inch
More than 1 inch but not more than 6 inches	+ 1/8 inch
More than 6 inches but not more than 18 inches	+ 1/4 inch
Over 18 inches	+ 3/4 inch

MIL-P-10808F

* 3.3.1.1 Alternate construction with selvage edge cloth. When selvage edge cloth is used, the edges shall be straight, uniform and free of thread ends.

3.3.2 Type II. The design, construction, and dimensions shall be as shown of Drawing 2-2-303. Except where specified on the drawing, tolerances shall be as for type I (see 3.3.1).

3.3.3 Seams and stitching.

3.3.3.1 Seams (type I). Seam type LSc-2 of FED-STD-751 shall be used when constructing the optional seam in the bottom panel of the type I pouch.

3.3.3.2 Seams (type II). Seams joining the body reinforcements to the bottom panel shall be sealed on the inside with three coats of sealing compound. The sealing compound shall be a pigmented solvent solution of polymerized or copolymerized vinyl chloride resin that has been plasticized with either a phosphate or phthalate ester plasticizer. Additives (e.g. acrylonitrile rubber or acrylates) may be used to produce a sealant with good working properties. The seam sealant, after drying, shall approximately match the color of the coated fabric specified in 3.2.1.2. When tested as specified in 4.4.4, the seam shall not leak when hydrostatic head of 50 centimeters is applied for 10 minutes.

3.3.3.2.1 Dusting. When the sealant is dry, the sealed seams shall be dusted with powdered mica not coarser than 160 mesh to prevent blocking. When tested as specified in 4.4.4, seam blocking shall have a maximum scale rating of No. 3. Care shall be exercised that only sealed seam areas are dusted.

3.3.3.3 Stitching.

* 3.3.3.3.1 Type I. All stitching shall conform to FED-STD-751. Type 301 stitch shall be used for all stitching with the exception of overcasting the thong which shall be type 304. Type 301 stitching shall be 6 to 8 stitches to the inch. Type 304 stitching shall be 16 to 18 stitches to the inch. When machine stitching is not a continuous thread, it shall be back-stitched not less than 1 inch at each break. All stitching shall be back-stitched at the ends by crowding a minimum of three stitches (accomplished by not allowing material to move) at the beginning and end of stitching to prevent raveling, except when the ends are turned under in a hem or held down by other stitching. Thread tension shall be properly maintained so that the lock will be imbedded in the center of the materials sewed. Thread breaks in overcast stitching shall be overlapped not less than 1 inch.

3.3.3.3.1.1 Alternate box-x stitch pattern. As an alternate operation, box-x stitch pattern with a minimum of 8 stitches per inch may be used in attaching the carrying loop to the bag.

MIL-P-10808F

3.3.3.3.2 Type II. Stitching for the type II pouch shall be the same as for the type I pouch, (see 3.3.3.3.1), except that only type 301 stitching shall be used.

3.3.3.3.3 Repairs of type 301 stitching. Repairs of type 301 stitching shall be as follows:

a. When thread breaks or bobbin run-outs occur during stitching, except prestitching, the stitching shall be repaired by restarting the stitching a minimum of one inch (1/2 inch for box-x and W-W stitching) back of the end of the stitching. 1/

b. Except for prestitching, thread breaks, or two or more consecutive skipped or run-off stitches noted during inspection of the item (in-process or end item) shall be repaired by over stitching. The stitching shall start a minimum of one inch in back of the defective area (1/2 inch on box, box-x and W-W stitching), continue over the defective area and continue a minimum of one inch (1/2 inch on box, box-x and W-W stitching) beyond the defective area onto the existing stitching. Loose or excessively tight stitching shall be repaired by removing the defective stitching without damaging the materials and restitching in the required manner. 1/

1/ When making the above repairs, the ends of the stitching are not required to be backstitched.

* 3.3.3.3.4 Repairs of type 304 stitching. Repairs of type 304 stitching shall be in accordance with 3.3.3.3.3.a. and 3.3.3.3.3.b., except the stitching shall over stitch the defective stitching area a minimum of three stitches onto the existing stitching.

3.4 Marking for identification. Marking shall be in accordance with MIL-STD-130, shall conform to type IV, class 9 of DDD-L-20, and shall show good fastness to weathering. Black marking ink shall be used in stamping or printing the letters "US" in solid characters 1-1/2 inches high on the outside of the pouch and nomenclature, stock number, name of supplier, year of manufacture and number of contract in characters 3/8 inch high on the inside of the pouch, in the locations shown on Drawing 2-2-219. No other bands or marks shall show on the pouch.

3.5 Plastic mortuary bag. Each type I pouch shall be provided with a plastic mortuary bag conforming to MIL-B-43861.

* 3.6 Workmanship. The finished pouch shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the applicable quality levels.

4. QUALITY ASSURANCE PROVISIONS

MIL-P-10808F

* 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 purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the document where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.1.1 Certificates of compliance. Where certificates of compliance are submitted, the Government reserves the right to check test such items to determine the validity of the certification.

* 4.2 Classification of inspection. The inspection requirements specified herein are classified as follows:

- a. First article inspection (see 4.3)
- b. Quality conformance inspection (see 4.4)

* 4.3 First article inspection. When a first article is required (see 6.2), it shall be examined for the defects specified in 4.4.2 and 4.4.3, and tested for the characteristics specified in 4.4.4. The presence of any defect or failure of any test shall be cause for rejection of the first article.

* 4.4 Quality conformance inspection. Unless otherwise specified, sampling for inspection shall be performed in accordance with MIL-STD-105.

* 4.4.1 Component and material inspection. In accordance with 4.1 above, components and materials shall be inspected in accordance with all the requirements of referenced documents unless otherwise excluded, amended, modified, or qualified in this document or applicable purchase document. In addition, testing for type II pouch only, shall be performed on components and materials listed in table II for the characteristics shown. The methods of testing specified in FED-STD-191, whenever applicable, and as listed in table II, shall be followed. The sample unit shall be 1/2 yard full width for the base fabric and 3 yards full width for the coated fabric. The lot size shall be expressed in units of one yard each. The sample size (number of sample units) shall be as shown below. The lot shall be unacceptable if one or more units fail to meet any requirement specified. The physical values specified in section 3 apply to the average of determinations made on a sample unit for test purposes as specified in the applicable test method. For the blocking test, the requirement shall apply to each determination. All test reports shall contain the individual values utilized in expressing the final results.

MIL-P-10808F

<u>Lot size (yards)</u>	<u>Sample size</u>
800 or less	2
801 up to and including 22,000	3
22,001 and more	5

TABLE II. Instructions for testing of components (type II only)

<u>Characteristic</u>	<u>Requirement</u>	<u>Test method</u>
Coated fabric		
Overall weight	Table I	5041
Adhesion of coating		
Initial	Table I	4.5.2
After boiling	Table I	4.5.2.1
Breaking strength	Table I	5102
Tearing strength	Table I	ASTM D 1424
Hydrostatic resistance		
Initial	Table I	5512
After low temperature	Table I	5874 <u>1/</u> and 5512
Blocking	Table I	5872 <u>2/</u>
Coating compound (Use of water-soluble compounding ingredients)	3.2.1.2	<u>3/</u>
Seam sealant	3.3.3.2	<u>3/</u>
Dusting powder	3.3.3.2.1	<u>3/</u>
Oblong ring	3.2.6	<u>3/</u>

1/ Except that the specimen shall be at a temperature of minus 40°F. for 4 hours and the hydrostatic resistance shall be reported in lbs/sq. inch.

2/ Except that the test temperature shall be 200°F.

3/ A certificate of compliance shall be furnished with each shipment or lot citing conformance to the applicable requirements.

MIL-P-10808F

* 4.4.2 Visual examination. The pouch shall be examined for the defects listed below. The lot size shall be expressed in units of pouches. The sample unit shall be one pouch. The inspection level shall be II and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 1.5 for major defects and 6.5 for total (major and minor combined) defects.

Examine	Defects	Classification	
		Major	Minor
Design and construction	Design and construction (assembly and location of component parts) not as shown on Drawing 2-2-219 or Drawing 2-2-303 (as applicable), unless otherwise classified herein. Affecting serviceability. Any component omitted or non-operational.	X	X
Type I (when selvage edge cloth is used)	Selvage edge is not straight, uniform or free of thread ends.		X
Stitching	Not type specified for applicable stitching operation.	X	
	Needle chews.	X	
	Broken thread or stitches, tight tension which may result in thread breaks, or loose tension which results in a loosely joined seam.	X	
	In the vicinity of the carrying loops and behind the 2-1/2 inch endstitching.		X
	In all other areas.	X	
Type 301 stitching	Less than 6 or more than 8 stitches per inch.		X
Type 304 stitching (type I)	Less than 16 or more than 18 stitches per inch.		X
	Stitching end or thread break not backstitched.		X

MIL-P-10808F

Examine	Defects	Classification	
		Major	Minor
Type I (when 2-1/4 x 1-1/2 inches box-x stitching is used)	Less than 8 stitches per inch		X
Seams	Any open seam.	X	
Types I and II	NOTE: One or more broken, or two or more consecutive skipped or run-off stitches constitute an open seam. On double stitch seams, a seam is considered open when these defects occur in either row of stitching.		
Type II	Any seam required to be sealed, not properly sealed, i.e., sealant not under turned edge of seam or does not completely cover the seam. Color of sealant not as specified. Sealant not dusted (to be scored only when the condition exists on the major portion of the seams).	X	X
Coated fabric for coating defects and material and workmanship defects (type II)	Any uncoated areas or areas of thin coating.	X	
	Any abrasion mark or rub resulting in removal of coating.	X	
	Any blister.	X	
	Any lump exceeding 1/4 inch in diameter.		X
	Any hard permanent creases resulting in adhesion of coated surfaces.	X	
	Any imbedded foreign matter.		X
	Any cut, slit, tear, hole, or mend.	X	
	Any pinhole in bottom half of pouch.	X	
	NOTE: Examination for pinholes shall be performed by means of back lighting the area under examination in a darkened room.		
	Color not as specified.		X

MIL-P-10808F

Examine	Defects	Classification	
		Major	Minor
Webbing	Any hole, cut, or tear.	X	
	Frayed edges, not firmly and tightly woven.	X	
	Color not as specified.		X
Thong (type I)	Ends not stitched, tipped, or resin dipped.		X
Plastic bag (type I)	Missing.	X	

* 4.4.3 End item dimensional examination. The finished pouch shall be examined for compliance with dimensional requirements specified in 3.3.1 and 3.3.2. Any dimension that exceeds the specified tolerance shall be classified as a defect. The lot size shall be expressed in units of pouches. The sample unit shall be one pouch. The inspection level shall be S-2 and the AQL expressed in terms of defects per hundred units shall be 6.5.

4.4.4 End item testing (type II only). The type II pouches shall be tested for the characteristic listed below. The lot size shall be expressed in units of pouches. The sample unit shall be one type II pouch. The inspection level shall be S-2. Any evidence of failure to meet the specified requirements shall be cause for rejection of the lot.

Characteristic	Requirement	Test method
Seam hydrostatic resistance	3.3.3.2	4.5.3
Seam blocking	3.3.3.2.1	4.5.4

* 4.4.5 Packaging inspection. An examination shall be made to determine that the preservation, packing, and marking comply with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container fully packaged. The lot size shall be the number of shipping containers in the inspection lot. The inspection level shall be S-2 and the AQL, expressed in terms of defects per hundred units, shall be 2.5.

MIL-P-10808F

<u>Examine</u>	<u>Defect</u>
Marking (exterior)	Omitted; incorrect; illegible; of improper size, location, sequence, or method of application.
Materials	Any component missing, damaged, or not as specified.
Workmanship	Inadequate application of components such as, incomplete closure of container flap, inadequate stapling, improper taping or loose strapping.
Content	Number per container is more or less than indicated.

* 4.4.6 Palletization examination. An examination shall be made to determine that the palletization complies with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one palletized unit load fully packaged. The lot size shall be the number of palletized unit loads in the inspection lot. The inspection level shall be S-1 and the AQL, expressed in terms of defects per hundred units, shall be 6.5.

<u>Examine</u>	<u>Defect</u>
Finished dimension	Length, width, or height exceeds specified maximum requirement.
Palletization	Pallet pattern not as specified. Interlocking of loads not as specified. Load not bonded with required straps as specified.
Weight	Exceeds maximum load limits.
Marking	Omitted; incorrect; illegible; of improper size, location, sequence, or method of application.

* 4.5 Methods of inspection.

4.5.1 Test conditions. Results of physical tests obtained under testing conditions defined in FED-STD-601, FED-STD-406, or FED-STD-191, will be acceptable except in case of dispute. In dispute cases, tests shall be conducted with both the specimen and test apparatus under Standard Conditions as defined in FED-STD-191.

4.5.2 Coating adhesion. Coating adhesion shall be determined by Method 5970 of FED-STD-191, except that during the test, if the coating is separated from the fabric at an average force greater than that specified, or if the average force necessary to separate the cemented sample at the cement line is

MIL-P-10808F

greater than that specified in table I, the adhesion of coating requirement shall be considered as passing.

4.5.2.1 Coating adhesion after boiling test. A sample of coated fabric shall be boiled in water for 5 minutes, three separate times, with the sample remaining at test conditions for 1 hour between boiling cycles. At the end of the third boiling cycle, the sample shall then be conditioned for 1 hour at test conditions and the coating adhesion determined as specified in 4.5.2.

4.5.3 Seam hydrostatic resistance. The sealed seams shall be tested with the water pressure applied from the inside surface of the seam, using Method 5516 or FED-STD-191, except that there shall be no leakage in any of the test specimens. Leakage of the seam shall be defined as the appearance of water at three different places in any test area. The surface to be exposed shall be 4-1/2 inches in diameter with the seam running down the center. Time of exposure shall be 10 minutes and the hydrostatic head shall be 50 centimeters.

4.5.4 Seam blocking. Seam blocking shall be performed as specified in Method 5872 of FED-STD-191, except that the test shall be nondestructive, shall be performed on the end item, and one determination shall be made per sample unit. The sealed seam shall be folded over on itself in such a manner that the sealed surfaces contact each other, the glass plates placed on the outside top and bottom of the test area, appropriate weight placed on the glass plates and the whole assembly placed in the oven. The sample shall be removed from the oven after specified time of test, conditioned at standard conditions for a minimum of 30 minutes before checking for blocking.

* 5. PACKAGING

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

5.1.1 Level A.

5.1.1.1 Type I. Each plastic bag component shall be folded twice in half the length and then folded twice in half the width to measure approximately 23 by 9-1/2 inches. The cloth pouch shall be laid out flat, slide fastener side up and then folded twice in half the length. The folded plastic bag shall be placed on top and in the center of the pouch. The sides of the pouch shall then be folded over the bag to form a bundle measuring approximately 23 by 13 inches. The carrying loops shall be neatly tucked inside the folds.

5.1.1.2 Type II. Each type II pouch shall be laid out flat with the front up and the slide and snap fasteners closed. The pouch width shall be folded in half. The carrying handles shall be tucked inside the folds. The pouch shall be folded from the top down, one third the length. The bottom shall then be folded over to cover the folded top portion. The completely folded pouch shall measure approximately 30 by 19 inches.

MIL-P-10808F

* 5.1.2 Commercial. Pouches shall be preserved in accordance with ASTM D3951.

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

5.2.1 Level A.

* 5.2.1.1 Type I. Ten type I pouches, preserved as specified in 5.1 shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC-L, grade V2s of PPP-B-636. The inside of each shipping container shall be fitted with a box liner conforming to type CF, class weather-resistant, variety DW, grade V15c of PPP-B-636. Level A unit packs shall be packed flat, ten in depth, alternately reversed end to end, within a shipping container. Inside dimensions of each container shall approximate 23-1/2 inches in length, 15 inches in width, and 15 inches in depth. Approximate dimensions are furnished as a guide only. Each container shall have the contents completely covered on the top and bottom with a sheet of 30-pound minimum basis weight kraft paper conforming to type I, grade B of UU-P-268. Each shipping container shall be closed in accordance with method III, water-proofed in accordance with method V, and reinforced as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.5.

5.2.1.2 Type II. Five type II pouches, preserved as specified in 5.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC-L, grade V2s of PPP-B-636. The inside of each shipping container shall be fitted with a box liner conforming to type CF, class weather-resistant, variety DW, grade V15c of PPP-B-636. Level A unit packs shall be packed flat, five in depth, within a shipping container. Inside dimensions of each container shall approximate 31 inches in length, 19-1/2 inches in width and 7-1/2 inches in depth. Approximate dimensions are furnished as a guide only. Each container shall have the contents completely covered on the top and bottom with a sheet of 30 pound minimum basis weight kraft paper conforming to type I, grade B of UU-P-268. Each shipping container shall be closed in accordance with method III, water-proofed in accordance with method V, and reinforced as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.5.

5.2.2 Level B.

* 5.2.2.1 Type I. Ten type I pouches, preserved as specified in 5.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC-L, type CF (variety SW) or SF, class domestic, grade 275, of PPP-B-636. The inside of each shipping container shall be fitted with a box liner conforming to type CF, class domestic, variety DW, grade 275 of PPP-B-636. Level A unit packs shall be packed flat, ten in depth, alternately reversed end to end, within a shipping container. Inside dimensions of each container shall approximate 23-1/2 inches in length, 15 inches in width, and 15 inches in depth. Approximate dimensions are furnished as a guide only. Each

MIL-P-10808F

container shall have the contents completely covered on the top and bottom with a sheet of 30-pound minimum basis weight kraft paper conforming to type I, grade B of UU-P-268. Each shipping container shall be closed in accordance with method II as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.5.

* 5.2.2.2 Type II. Five type II pouches, preserved as specified in 5.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC-L, type CF (variety SW) or SF, class domestic, grade 275 of PPP-B-636. The inside of each shipping container shall be fitted with a box liner conforming to type CF, class domestic, variety DW, grade 275 of PPP-B-636. Level A unit packs shall be packed flat, five in depth within a shipping container. Inside dimensions of each container shall approximate 31 inches in length, 19-1/2 inches in width, and 7-1/2 inches in depth. Approximate dimensions are furnished as a guide only. Each container shall have the contents completely covered on the top and bottom with a sheet of 30-pound minimum basis weight kraft paper conforming to type I, grade B of UU-P-268. Each shipping container shall be closed in accordance with method II as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.5.

* 5.2.2.3 Weather-resistant fiberboard containers. When specified (see 6.2), the shipping container shall be grade V3c, V3s, or V4s fiberboard box, fabricated in accordance with PPP-B-636 and closed in accordance with method III as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.5.

* 5.2.3 Commercial packing. Pouches, preserved as specified in 5.1, shall be packed in accordance with ASTM D3951.

* 5.3 Palletization. When specified (see 6.2), pouches of one type only, packed as specified in 5.2, shall be palletized on a 4-way pallet in accordance with load type Ia of MIL-STD-147. Pallet type shall be type I (4-way entry), type IV or type V in accordance with MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with bonding means K and L or film bonding means O or P. Pallet pattern shall be in accordance with load pattern number three for type I pouches and load pattern number one for type II pouches of the appendix of MIL-STD-147. Interlocking of loads shall be effected by reversing the pattern of each course.

* 5.4 Marking. In addition to any special marking required by the contract or purchase order, shipping containers and palletized unit loads shall be marked in accordance with MIL-STD-129 or ASTM D3951 as applicable.

6. NOTES

6.1 Intended use. The pouch, human remains, is intended for use in the transport of human remains in the field. The type I pouch should be used with the Bag, Plastic, Mortuary (see 3.5).

MIL-P-10808F

* 6.2 Ordering data. Acquisition documents should specify the following:

- (a) Title, number, and date of this document.
- (b) Type required (see 1.2).
- (c) When a first article is required (see 3.1.3, 4.3, and 6.4).
- (d) Selection of the applicable levels of preservation 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 required (see 5.3).

* 6.3 Samples. For access to samples, address the contracting office issuing the invitation for bids.

* 6.4 First article. When a first article is required, it shall be inspected and approved under the appropriate provisions of FAR 52-209. The first article should be a preproduction sample consisting of at least one completely finished pouch. The contracting officer should include specific instructions in all acquisition documents regarding arrangements for inspection and approval of the first article.

* 6.5 Recycled material. It is encouraged that recycled material be used when practical as long as it meets the requirements of the document (see 3.2).

* 6.6 Changes from previous issue. The margins of this document are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

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Preparing activity:

Army - GL
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1. DOCUMENT NUMBER MIL-P-10808F	2. DOCUMENT TITLE Pouch , Human Remains
3a. NAME OF SUBMITTING ORGANIZATION	4. TYPE OF ORGANIZATION (Mark one) <input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER (Specify): _____
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