

UU-M-1288A  
November 30, 1972  
SUPERSEDING  
Int. Fed. Spec. UU-M-001288(GSA-FSS)  
March 6, 1967

## FEDERAL SPECIFICATION

### MORTUARY WRAP (PAPER)

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

#### 1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers disposable paper mortuary shrouds.

1.2 Classification. Paper mortuary wraps shall be of the following length, as specified (see 6.2).

Size I - 60 inches long.  
Size II - 72 inches long.  
Size III - 80 inches long.

#### 2. APPLICABLE DOCUMENTS

2.1 The following documents, of the issues 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:

V-T-276 - Thread, Cotton.  
UU-P-31 - Paper; General Specification and Methods of Testing.  
PPP-P-636 - Boxes, Shipping, Fiberboard.

##### Federal Standards:

Fed. Std. No. 123 - Marking for Domestic Shipment (Civil Agencies).  
Fed. Std. No. 751 - Stitches, Seams, and Stitchings.

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

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

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

##### Military Standards:

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

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(Copies of Military 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 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 the American Trucking Association, Inc., Tariff Order Section, 1616 F Street, N.W. Washington, DC 20036.)

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 Materials.

3.1.1 Paper. Paper shall be 100 percent bleached kraft paper, creped, longitudinally embossed, conforming to physical properties shown in 3.3.

3.1.1.1 Reclaimed fibers. Use of reclaimed fibers in any percentage, provided that the other requirements of this specification are met.

#### 3.1.2 Tying cords.

3.1.2.1 Neck cord. The neck cord shall be 2 single strands of white bleached, roving cotton or rayon, or a combination thereof. The strands shall be laid parallel to each other and cover-stitched with 70/2 cotton thread, using stitch class 500 of Federal Standard 751. Tying length shall be a minimum of 6 inches on each side of the neckline.

3.1.2.2 Leg cord. The leg cord shall be 4-ply, soft twist cotton or rayon or a combination thereof. The cord shall be 49 inches long, plus or minus 8 inches.

3.1.3 Thread. The thread shall be white cotton number 70/2, soft finish, conforming to Federal Specification V-T-276.

#### 3.2 Design and construction.

3.2.1 Shroud. The mortuary shroud shall consist of a hood and a cape of the design and dimensions shown in figure 1.

3.2.2 Identification tag. Each shroud shall be supplied with a tag, strung with not less than 10 inches of heavy cotton twine and printed with manufacturer's commercial standard as follows:

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 WARD OR ROOM \_\_\_\_\_  
 DATE OF DEATH \_\_\_\_\_ TIME \_\_\_\_\_  
 DIAGNOSIS \_\_\_\_\_  
 DOCTOR \_\_\_\_\_

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### 3.3 Physical requirements.

3.3.1 Basis weight. Weight of 500 sheets, size 24 x 36 inches, shall be 31 pounds, plus or minus 3 pounds.

3.3.2 Dry tensile breaking strength. Dry tensile breaking strength, machine and cross directions shall be 4.5 pounds minimum. Elongation in the machine direction shall be 30 percent minimum, and elongation in the cross direction shall be 5 percent minimum.

3.3.3 Wet tensile breaking strength. Wet tensile breaking strength machine and cross directions, shall be 1.0 pound minimum.

3.3.4 Thickness. Thickness shall be 0.0080 inch minimum, to 0.0140 inch maximum.

3.3.5 Water absorptiveness. Absorption shall be 0.01 milliliter of water for a period of 250 seconds maximum.

3.4 Workmanship. The paper mortuary wrap shall be free of defects with respect to creping, folds, cleanliness, breaks, holes, lumps, lint, dirt or other imperfections which might impair its serviceability. The quality shall conform to the acceptable levels established in Section 4.

## 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, the supplier may utilize his own facilities or any commercial laboratory acceptable to the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

### 4.2 Sampling.

4.2.1 Lot. Unless otherwise specified (see 6.2), a lot shall consist of each size of shroud submitted for inspection at the same time.

4.2.2 Visual examination of end item. Sampling for the examination shall be in accordance with level S-3 in MIL-STD-105. The acceptable quality levels (AQL) for defects listed in table I, shall be 2.5 percent defective for major defects, and 4.0 percent defective for minor defects.

4.2.3 Sampling for tests. Sampling for tests shall be in accordance with level S-2 in MIL-STD-105. The AQL for tests shall be 6.5 on the basis of percent defective.

### 4.3 Examination.

4.3.1 End item. Shrouds selected in accordance with 4.2.2 shall be examined for defects in table I.

TABLE I. Classification of defects, and items

Defects	Major	Minor
Size not as specified.....	X	
Dimensions not as specified.....	X	
Seams not firmly stitched, or stretched.....	X	
Tying cords missing or not as specified.....	X	
Identification card not as specified.....		X
Identification card missing.....	X	
Design not as defined in drawing.....	X	
Breaks holes, lumps, or tears.....	X	
Damage or defects affecting function or serviceability.....	X	
Damage or defects not affecting function or serviceability.		X X

4.3.2 Inspection of preparation for delivery. An inspection shall be made to determine that the packing and marking comply with the requirements in section 5 of this specification. Defects shall be scored in accordance with table II. The sample unit shall be one shipping container fully prepared for delivery. Sampling shall be in accordance with MIL-STD-105. The lot size shall be the number of shipping containers in the end item inspection lot. The inspection level shall be S-2 and the AQL shall be 4.0 defects per hundred units.

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TABLE II. Classification of preparation for delivery defects

Examine	Defects
Markings (exterior and interior)	Omitted; incorrect; illegible, improper size, location, sequence, or method of application.
Materials	Any component missing or damaged.
Workmanship	Inadequate applications of components such as incomplete closure of containers flaps, loose strapping or distortion of container.

## 4.4 Tests.

4.4.1 General. Shrouds selected in accordance with 4.2.3 shall be tested to verify compliance with this specification.

4.4.2 Tests shall be made in accordance with Fed. Spec. UU-P-31, and applicable methods as shown in table III.

4.4.3 Certification of tests. The supplier may furnish a certification from the paper manufacture for the test requirements of table III in lieu of tests performed at the supplier's plant by the GSA Quality Control Representative.

TABLE III. Test methods

Characteristics	Reference paragraph	Test method
Basis weight.....	3.3.1	110
Dry tensile breaking strength and elongation.....	3.3.2	171
Wet tensile breaking strength.....	3.3.3	172
Thickness.....	3.3.4	173
Water absorptiveness.....	3.3.5	180
Fiber identification and quantitative determination.	3.1.1	300

## 5. PREPARATION FOR DELIVERY

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

5.1.1 Level A. Each mortuary wrap compactly folded shall be packaged in a polyethylene bag. The bag shall be closed by folding and taping or by use of a self-closing poly bag.

5.1.2 Level B (civil agencies). Each mortuary wrap shall be packaged in accordance with 5.1.1.

5.1.3 Level C. The mortuary wraps shall be packaged to afford protection against deterioration and damage during shipment from the supplier to the initial destination.

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

5.2.1 Level A. Fifty unit packages of mortuary wraps of one size only shall be packed in a close-fitting box conforming to Grade V2S of PPP-B-636, class weather-resistant. The inside of each fiberboard container shall be fitted with a taped box liner conforming to type CF, class weather-resistant, variety DW, grade V15c of PPP-B-636. The box shall be closed, waterproofed and reinforced in accordance with the appendix to the box specification.

5.2.2 Level B. Fifty unit packages of mortuary wraps of one size only shall be packed in a close-fitting box conforming to PPP-B-636, class domestic. The inside of each fiberboard container shall be fitted with a taped box liner conforming to type CF, class domestic, variety DW, grade 275 of PPP-B-636. The box shall be closed in accordance with method II of the appendix to the box specification.

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5.2.3 Level C. Mortuary wraps, 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. Containers shall be in accordance with Uniform Freight Classification Rules or National Classification Rules, as applicable.

### 5.3 Marking.

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

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

## 6. NOTES

6.1 Intended use. The disposable shroud is for use in post mortum care.

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

- (a) Title, number and date of this specification.
- (b) Length required (see 1.2).
- (c) Size of lot, if different from 4.2.1.
- (d) Selection of applicable level of packaging and packing required (see 5.1 and 5.2).

### MILITARY CUSTODIAN:

Army - GL (MCA)  
Navy - MS  
DSA

### Preparing activity:

GSA-FSS

### Civil Agency Coordinating Activities:

GSA-FSS  
VA-DMS

### Military interests:

Army - GL  
Navy - MS  
Air Force - 34

### Military user:

Air Force - 89

### Review activity:

GS

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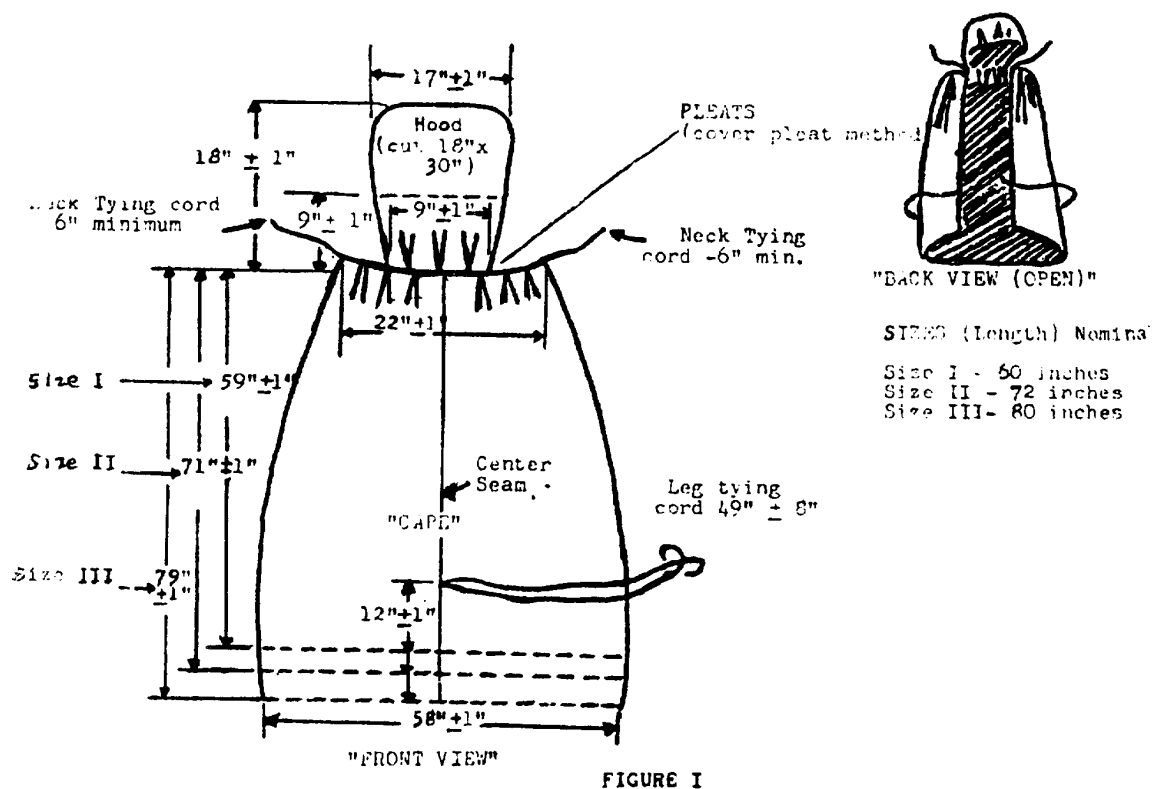


FIGURE I

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