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UU-B-36J
February 6, 1970
SUPERSEDING
Fed. Spec. UU-B-36i
April 26, 1967

FEDERAL SPECIFICATION

BAGS, PAPER, (GROCERS)

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

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers the requirements for grocers' paper bags, of standard sizes and weights of paper.

1.2 Classification.

1.2.1 Types. Grocers paper bags covered by this specification shall be of the following types and grades:

Type I - Self-opening (see figure 1).
Type II - Square (see figure 2).
Type III - Satchel-bottom (see figure 3).

Grade A - Popular weight.
Grade B - Heavy weight.

2. APPLICABLE DOCUMENTS

2.1 Specifications and standards. The following specification and standards, of the issues in effect on date of invitation for bids or request for proposal, form a part of the specification to the extent specified herein:

Federal Specifications:

UU-P-31 - Paper: General Specifications and Methods of Testing.
UU-P-268 - Paper, Kraft, Untreated, Wrapping.
PPP-B-1055 - Barrier Material, Waterproof, Flexible.
PPP-T-45 - Tape, Gummed, Paper, Reinforced and Plain, for Sealing and Securing.
PPP-T-76 - Tape, Pressure-Sensitive Adhesive Paper, (For Carton Sealing).

FSC 8105

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Federal Standard:

FED-STD-123 - Marking for Domestic Shipment (Civilian 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, D.C. 20402.

(Single copies of this specification and other product specifications required by activities outside the Federal Government for bidding purposes are available without charge at the General Services Administration Regional Offices in Boston, New York, Washington, D.C., Atlanta, Chicago, Kansas City, Mo., Dallas, Denver, San Francisco, Los Angeles, and Seattle, Wash.

(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.

(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 otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

U.S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

Federal Food, Drug, and Cosmetic Act and Regulations Promulgated Thereunder.

(Application for copies should be addressed to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.)

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National Classification Board:

National Motor Freight Classification

(Application for copies should be addressed to American Trucking Associations, ATTN: Tariff Order Section, 1616 P Street, N.W., Washington, D.C. 20036.)

Uniform Classification Committee:

Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, 202 Union Station, Chicago, Illinois 60606).

3. REQUIREMENTS

3.1 Material. The paper used in the fabrication of grocers' bags shall consist of not less than 90 percent unbleached sulphate. The remainder of the furnish may be reworked chemical pulp. The paper shall be sized to the extent that one drop of water 0.1 cubic centimeter, will not be completely absorbed into the paper within 20 minutes of contact with the paper when tested as specified in 4.4.2. Materials used in the production of grocers' bags shall conform to the provisions of the Federal Food, Drug and Cosmetic Act and Regulations promulgated thereunder.

3.1.1 For types I and II, grades A and B bags. The paper shall conform to the applicable requirements in table I when tested as specified in table V.

3.1.2 For type III, grades A and B bags. The paper shall conform to the applicable requirements in table II when tested as specified in table V.

3.1.3 Bags of other weights of paper. When this specification is cited in procurements for grocers' bags with weights of paper other than those specified in tables I and II, the paper shall have a minimum average bursting strength in points and a minimum average tearing resistance, machine direction, in grams which are the same percentages of the basis weights specified, as are the corresponding strength requirements for the next lighter basis weight paper listed in tables I or II (see 6.2).

TABLE I. Type I, self-opening and type II, square bags, standard bag numbers, capacities, and weights of paper

Bag number	Capacity 1/ (tolerance minus 2/ percent Unlimited plus)	Grade A paper, popular weight: Basis weight 24 by 36-500 (tolerance minus 5 percent Unlimited plus)	Grade A paper, popular weight: Average bursting strength minimum	Grade A paper, popular weight: Average tearing resistance, machine direction minimum	Grade B paper, heavy weight: Basis weight 24 by 36-500 (tolerance minus 5 percent Unlimited plus)	Grade B paper, heavy weight: Average bursting strength, minimum	Grade B paper, heavy weight: Average tearing resistance, machine direction minimum
	Cubic inches	Pounds	Points	Grams	Pounds	Points	Grams
1/2	30	30	17	42			
1	51	30	17	42			
2	83	30	17	42			
3	119	30	17	42			
4	151	30	17	42			
5	191	35	20	54	50	31	92
6	240	35	20	54			
8 2/	304	35	20	54			
10	350	35	20	54	60	38	121
12	433	40	24	67	60	38	121
16	593	40	24	67	60	38	121
20	700	40	24	67	60	38	121
25	779	40	24	67	60	38	121
1/8 2/	973	50	31	92	60	38	121
1/6 2/	1386	50	31	92	60	38	121
1/6 2/,3/	1386	2/40	24	67			
duplex	1386	2/50	31	92			
1/6 2/ special	1428 or 1408	60	38	121	70	45	142
1/4 2/	1782	60	38	121	70	45	142
1/6	1386				75	52	150

1/ The capacity shall be determined by the method of measuring bags and computing their cubic capacity as specified in 4.3.1.2.1.

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2/ Type I, self-opening bag only.

3/ Duplex construction consisting of two walls of paper as specified with each wall having basis weight burst and tear values as shown.

TABLE II. Type III, satchel-bottom bags, standard bag numbers, capacities, and weights of paper

Bag number	Capacity 1/ (tolerance minus 2/ percent Unlimited plus)	Grade A paper, popular weight: Basis weight 24 by 36-500 (tolerance minus 5 percent Unlimited plus)	Grade A: Average Bursting strength minimum	Grade A: Average tearing resistance, machine direction minimum	Grade B paper, heavy weight: Basis weight 24 by 36-500 (tolerance minus 5 percent Unlimited plus)	Grade B: Average bursting strength, minimum	Grade B: Average tearing resistance, machine direction minimum
	Cubic inches	Pounds	Points	Grams	Pounds	Points	Grams
1/8	973	50	31	92	60	38	121
1/6	1386	50	31	92	60	38	121
1/4	1782	60	38	121	70	45	142

1/ The capacity shall be determined by the method of measuring bags and computing their cubic capacity as specified in 4.3.1.2.1.

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3.2 Construction. Grocers' bags shall be so constructed that all seams shall adhere securely throughout their area.

3.3 Dimensions.

3.3.1 Type I, self-opening bags, and type II, square bags. The approximate dimensions of all type I and type II bags are furnished in table III as a guide only. The dimensions of the standard bag numbers as produced by different manufacturers may vary somewhat and shall be considered acceptable provided that such bags meet the applicable minimum cubic inch capacity as specified in table I.

3.3.2 Type III, satchel-bottom bags. The approximate dimensions for all type III bags are furnished in table IV as a guide only. The dimensions of the standard bag numbers as produced by different manufacturers may vary somewhat and shall be considered acceptable provided that such bags meet the applicable minimum cubic inch capacity as specified in table II.

3.3.3 Bags (of sizes other than specified). When this specification is cited in procurement of grocers' bags of sizes other than those specified in tables I and II, a tolerance of minus 2 percent unlimited plus will be permitted in the capacity specified (see 6.2).

TABLE III. Types I and II bags (approximate dimensions) (see 3.3.1)

	Type 1, self-opening bags			Type II, square bags		
Bag number	Face (A) width	Bottom (C) width	Bag (D) length	Face (A) width	Tuck (C) width	Bag (D) length
	Inches	Inches	Inches	Inches	Inches	Inches
1/2	3	1-3/4	5-7/8	3	1-3/4	6-1/2
1	3-1/2	2-1/8	6-3/4	3-3/8	2-1/4	7-3/4
2	4-1/4	2-3/8	8-1/8	4	2-5/8	9-1/4
3	4-3/4	2-7/8	8-3/4	4-3/4	3-1/8	10-1/8
4	5	3-1/8	9-3/4	5	3-1/4	11-1/4
5	5-1/4	3-3/8	10-3/4	5-1/4	3-3/8	12-1/2
6	6	3-3/4	11	5-3/4	3-7/8	12-3/4
8	6-1/4	3-3/4	12-3/4			
10	6-1/2	4-1/8	13-1/8	6-1/4	4-3/8	15
12	7	4-1/2	13-7/8	6-7/8	4-5/8	16
16	7-5/8	4-7/8	16	7-1/4	5-1/4	18-1/8
20	8-1/8	6	14-3/8			
20	8-1/4	5-1/4	16-1/4	8-1/8	5-1/2	18-1/2
25	8-1/8	6	16			
25	8-1/4	5-1/4	17-7/8	8-1/8	5-1/2	20-3/8
1/8	9-3/4	6-1/4	16-3/8			
1/6	11	7	18-1/4			

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TABLE III. Types I and II bags (approximate dimensions) (see 3.3.1) (cont'd)

Bag number	Type 1, self-opening bags			Type II, square bags		
	Face (A) width	Bottom (C) width	Bag (D) length	Face (A) width	Tuck (C) width	Bag (D) length
	Inches	Inches	Inches	Inches	Inches	Inches
1/6 duplex or	11	7	18-1/4			
1/6 duplex	12	7	17			
1/6 special	12	7	17			
1/6 special	11-1/2	7	17-1/2			
1/4	11	7	23-1/4			

TABLE IV. Type III bags (approximate dimensions) (see 3.3.2)

Bag number	Face (A) width	Bottom (C) width	Bag (D) length
	Inches	Inches	Inches
1/8	14-1/2	4-3/4	21
1/6	17	6	21
1/4	17	6	27

3.4 Bag marking and emblems. Bags shall be imprinted with the following identification markings, as applicable.

3.4.1 Bag number. The appropriate bag number as shown in column 1 of table I and table II shall be placed on each type bag, as applicable, as part of the manufacturer's trademark or imprint.

3.4.2 Size (capacity). The letters SS, or the industry's emblem SS, shall be marked or imprinted on each bag when the bag conforms to the applicable standard capacities specified in tables I and II. If the marking of each bag is impracticable, each package as specified in table IX shall be marked as specified herein (see 5.3).

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3.4.3 Size (capacity) and weight. The letters SWS, or industry's emblem SWS, shall be marked or imprinted on each bag when the bag conforms to the applicable standard capacity and corresponding standard weight of paper as specified in table IX. If the marking of each bag is impracticable, each package as specified in table IX shall be marked as specified herein (see 5.3).

3.4.4 Suppliers identification. Unless otherwise specified (see 6.2), each bag shall be marked to show the identification of the supplier.

3.5 Workmanship. Grocers' bags shall be uniformly constructed and shall be free from holes, tears, cuts, splits, or other defects which impairs their usefulness, and shall conform to the levels of quality established herein.

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.

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

4.2 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 above, 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.

4.2.1.1 Testing of materials and components. Testing of materials and components described in this specification and changes in the testing of components listed in subsidiary specifications shall be as shown in table V. A lot shall consist of the particular component material that is presented for delivery at one time for the purpose of determining conformance with test requirements applicable to lot averages.

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TABLE V. Instructions for testing

Characteristic	Specification reference: Requirement	Specification reference: Test method 1/	Requirements applicable to: Indiv. unit	Requirements applicable to: Lot aver.	Number determinations per unit	Results reported as: Pass or Fail	Results reported as: Numerically to nearest
Stock 2/	3.1	4.4.1			Average of 2 (composite)		5 percent
Sizing	3.1	4.4.2	X		1	X	
Basis weight (24 by 36-500)	3.1.1 3.1.2 3.1.3	4.4.1		X			0.1 pound
Bursting strength	3.1.1 3.1.2 3.1.3	4.4.1		X X X	Average of 10 conc or each side of 5 (specimens)		point
Tearing resistance (machine direction)	3.1.1 3.1.2 3.1.3	4.4.1		X	Average of 5		gram

1/ Test methods as specified in 4.4.1 shall be performed in accordance with method 102 (Atmospheric Conditions) of UU-P-31.

2/ The composite sample shall consist of representative portions taken from each sample unit and combined into a single sample.

4.3 Inspection of the end item.

4.3.1 Examination of the end item. The end item shall be examined in accordance with the defects set forth in tables VI and VII and the inspection levels and acceptable quality levels (AQLs) specified herein. The sample unit shall be one bag. The lot shall be expressed in terms of the sample unit of one type, grade, weight and size.

4.3.1.1 Examination of the end item for defects in construction and workmanship. The sample unit for this examination shall be one bag. The inspection level shall be S-3, and the AQL shall be 4.0 expressed as defects per 100 units.

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TABLE VI. Examination for construction and workmanship

Examine	Defect
Type	Not type specified.
Appearance	Surfaces not clean; presence of any foreign matter; tear, slit or puncture; chafed spot or scuff mark which weakens paper.
Construction	Seams poorly glued, do not adhere securely throughout their entire area. Bag improperly folded to extent end use is impaired. Construction of bag not in conformance with contract requirements for the applicable type (see figures 1, 2, and 3 as applicable).
Identification marking (as applicable)	Omitted, illegible or not the applicable bag number or emblem.

4.3.1.2 Examination of the end item for dimensional defects. The sample unit for this examination shall be one bag. The inspection level shall be S-2, and the AQL shall be 2.5 expressed as defects per 100 units.

TABLE VII. Examination for dimensions

Examine	Defect
Capacity	More than 2 percent below the contractual requirements for the specified type and bag number (see tables I and II).
Dimensions (special sizes)	Any dimension varying by more than ± 1/8 inch from size specified in contract or order.

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4.3.1.2.1 Methods of measuring the bags and computing their capacity.

4.3.1.2.1.1 Type I, self-opening bags (see figure 1). Position of bag - Bottom to the front or rear. Point of measurement - Dimension lines in diagrams.

4.3.1.2.1.1.1 Face width, A. Measure across the front of the folded bag just above the top of the bottom fold.

4.3.1.2.1.1.2 Bottom width, C. Spread the bag so that the tucks normally behind the face are fully extended outward. Press the bag flat and measure full width as close to the bottom fold as possible. Subtracting the face width from this measurement gives dimension C.

4.3.1.2.1.1.3 Bag length, D. Measure along center of the front face of the bag, from the lower bottom fold to the top of the serrated edge.

4.3.1.2.1.1.4 Cubic capacity. Cubic capacity (AxCxD) is the product of the face width, bottom width and bag length.

4.3.1.2.1.2 Type II, square bags (see figure 2). Position of bag - Face with lip to the rear or front. Point of measurement - Dimension lines in diagram.

4.3.1.2.1.2.1 Face width, A. Measure across the front of the folded bag just above the top of the bottom fold.

4.3.1.2.1.2.2 Tuck width, C. Spread the bag so that the tucks normally behind the face are fully extended outward. Press the bag flat and measure full width as close to the bottom fold as possible. Subtracting the face width from this measurement gives dimension C.

4.3.1.2.1.2.3 Bag length, D. Measure along center of the front face of the bag, from the lower bottom fold to the top of the serrated edge of the front face.

4.3.1.2.1.2.4 Cubic capacity. Cubic capacity (AxCx D-1/2C), is the product of the face width, tuck width, and the bag length, minus 1/2 the tuck width.

4.3.1.2.1.3 Type III, satchel-bottom bags (see figure 3). Position of bag - Bottom to the front. Point of measurement - Dimension lines in diagram.

4.3.1.2.1.3.1 Face width, A. Measure across the front of bag just above the top of the bottom fold.

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4.3.1.2.1.3.2 Bottom width, C. Measure along center from the lower fold of the bottom to its upper fold.

4.3.1.2.1.3.3 Capacity width. Capacity width (A-C) is computed by subtracting bottom width from face width.

4.3.1.2.1.3.4 Bag length, D. Measure along the center of the bag from the lower bottom fold to the extreme top of the serrated edge which does not have the thumb notch.

4.3.1.2.1.3.5 Cubic capacity. (A-C)xCxD is the product of the face width, bottom width, and bag length.

4.3.1.3 Examination of the end item for count per package. The sample unit for this examination shall be one package of bags. The sample size shall be the number of packages indicated by inspection level S-2. Lot shall be rejected if sample data indicates lot average count less than specified in table IX.

4.3.1.4 Examination of preparation for delivery. An examination for defects shall be made to determine that packaging, packing and markings comply with the requirements of section 5 of this specification. The sample unit shall be one shipping container. The inspection level shall be S-2, and the AQL shall be 4.0 expressed as defects per 100 units.

TABLE VIII. Examination for preparation for delivery

Examine	Defect
Packaging	Not in accordance with contract requirements; packages not wrapped and adequately secured as specified. Mixed types, grades, or sizes in unit packages.
Packing	Not level specified; not in accordance with contract requirements. Arrangement and number of packages per bale not as specified in table IX. Wrapping papers (as applicable) omitted, damaged, or not type and grade specified. Bale material not as specified; closures not accomplished by specified or required methods or materials.
Marking	Omitted, incomplete, incorrect, illegible, of improper size, location, sequence or method of application.

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4.3.1.5 Sampling for tests. The number of specimen bags applicable to the sample unit for each of the different type, grade, weight and size of the end product shall be as follows:

Bag number (size)	No. of bags per sample unit
1/2, 1, 2, 3, 4	18
5, 6, 8	8
10, 12	5
16, 20, 25	3
1/8, 1/6, 1/4	2

4.4 Tests. Test procedures and controls, which differ from those specified herein, may be used by the supplier if they provide a quality assurance equivalent to that specified. If the Government inspection activity determines that such procedures and controls do not provide, as a minimum, such quality assurance, the supplier will use the test procedures set forth herein. In case of dispute as to test results, the test methods specified herein will govern.

4.4.1 Test methods. The following tests shall be conducted in accordance with UU-P-31:

Requirement	Test method
Atmospheric conditions	102
Basis weight	110
Bursting strength	112
Tearing resistance	170
Fiber identification and quantitative determination	300

4.4.2 Sizing test. After conditioning to equilibrium, the specimen of kraft bag paper shall be placed on a flat, dry and clean surface. A drop of water (approximately 0.1 cubic centimeter) shall be dropped on the specimen from a height of not more than 3 inches above the specimen. A watch glass shall be placed over the drop of water immediately after the drop has contacted the paper. After 20 minutes the area of the paper contacted by the drop shall show partial retention of the drop as evidenced by reflectivity.

5. PREPARATION FOR DELIVERY

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

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5.1.1 Level A. Bags of one type, grade and size only, in the quantity specified in table IX, shall be stacked flat in accordance with the manufacturers' commercial practice and assembled into a package. The package shall be inclosed in a sleeve or wrap fabricated from kraft paper having a basis weight of not less than 60 pounds per ream (24 by 36-500) conforming to grade B of UU-P-268. String tying of the bags within the package is optional. If string tying is used, the quantity per tie should be as specified in table IX. When automatic baling equipment is used in connection with the bag machines the bands or sleeves may be omitted.

5.1.2 Level C. Bags of one type, grade and size only, in the quantity specified in table IX, shall be stacked flat and packaged to afford adequate protection against deterioration and physical damage during shipment from the supply source to the receiving activity.

TABLE IX. Packaging and packing quantities

			Packaging Quantity of bags (see 5.1.1)		Packing Quantity per bale	
Type	Grade	Bag number	Per string tie if used	Per package	Bags	Packages
I and II	A	1/2	100	500	10,000	20
I and II	A	1	100	500	8,000	16
I and II	A	2	100	500	6,000	12
I and II	A	3	100	500	5,000	10
I and II	A	4	100	500	4,000	8
I and II	A and B	5	100	500	3,000	6
I and II	A and B	6	100	500	2,000 or 3,000	4 or 6
I	A	8	100	500	2,000	4
I and II	A and B	10	100	500	2,000	4
I and II	A and B	12	100	500	1,000	2
I and II	A and B	16	100	500	1,000	2
I and II	A and B	20	100	500	1,000	2
I and II	A and B	25	100	500	1,000	2
I and III	A and B	1/8	50 or 100	250 or 500	500	1 or 2
I and III	A and B	1/6	50 or 100	250 or 500	500	1 or 2
I	A and B	1/6 special	50 or 100	250 or 500	500	1 or 2
I and III	A and B	1/4	50 or 100	250	250	1 or 2
I	A(40/40)	1/6 duplex	50	200 or 400	400	1
I	A(50/50)	1/6 duplex	50	250	250	1

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

5.2.1 Level A. Bags of one type, grade and size only, packaged as specified in 5.1.1 shall be compactly arranged and baled by wrapping with two sheets of kraft wrapping paper, each sheet having a basis weight of 60 pounds per ream (24 by 36-500) conforming to grade B of UU-P-268. In addition, an overwrap of waterproofed kraft wrapping paper conforming to grade B-2 of PPP-B-1055 shall be applied. Alternatively, the paper used for wrappings to form the bale shall consist of a single inner wrap of kraft wrapping paper having a basis weight of 60 pounds per ream (24 by 36-500) conforming to grade B of UU-P-268 and an intermediate and outer wrap of wet strength heavy duty kraft paper having a total basis weight of not less than 90 pounds per ream (24 by 36-500). All paper wrappings shall overlap, widthwise and lengthwise, a minimum of 4 inches. Each completed bale shall then be securely crosstied with twine or cotton rope, with one crosstie over the center of each stack, with the twine or cotton rope knotted at each cross over to prevent loosening or untying. The twine or cotton rope shall have a breaking strength of not less than one and one-half times the weight of the finished bundle (see 6.4).

5.2.2 Level B. Bags of one type, grade and size only, packaged as specified in 5.1.1, shall be compactly arranged and baled by wrapping with kraft paper, having a minimum basis weight of 60 pounds per ream (24 by 36-500) conforming to grade B of UU-P-268. The wrap shall overlap, width-wide and lengthwise, a minimum of 4 inches and shall be secured with tape conforming to PPP-T-76, or type III, grade B of PPP-T-45 or glue. When specified (see 6.2), the completed bale shall be crosstied in place of the taping or glue. When specified (see 6.2), bags shall be packed in accordance with 5.2.1.

5.2.3 Level C. Bags of one type, grade and size only, packaged as specified in 5.1.1, shall be packed in the quantity specified in table IX and in a manner to insure carrier acceptance and safe delivery at the lowest transportation rate for such supplies. Shipping containers shall be in accordance with the Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable.

5.3 Marking.

5.3.1 Civil agencies. Bales shall be marked in accordance with FED-STD-123.

5.3.2 Military agencies. Bales shall be marked in accordance with MIL-STD-129.

5.3.2.1 Additional marking. In addition, bales shall be marked to indicate whether the "W" in the letters, "SWS" or in the emblem "SWS", as specified in 3.4.3 for bag marking, refers to grade A or grade B weight paper as shown in tables I and II.

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6. NOTES

6.1 Intended use.

a. Grade A - Popular weight paper requirements are intended for normal use.
b. Grade B - Heavy weight paper requirements provide extra strength where hard or rough service is expected.
c. Type I, bag numbers 1/6 duplex and special, are intended for heavy duty use for packing No. 10 cans, 1/2 gallon milk bottles, other bottled goods, and other heavy dense articles or commodities.

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. Type, grade and bag number (size) of bag required (see 1.2.1, 1.2.2, 1.2.3 and tables I and II).
c. When bags of other weights of paper are required (see 3.1.3).
d. When bags of other sizes are required (see 3.3.3).
e. When identification of supplier marking is not required (see 3.4.4).
f. Level of packaging and packing required (see 5.1 and 5.2).
g. When bales are to be crosstied (see 5.2.2).

6.3 Exceptions to specification. Nothing in this specification shall be construed to prohibit the use of special designs, sizes or heavier weights of paper when, in the experience and judgment of the purchaser, the nature of the items intended to be packed, or the usage involved, justifies such bags.

6.4 Certificate of compliance. The twine or cotton rope may be accepted on the basis of a supplier's certificate of compliance for the breaking strength requirements specified in 5.2.1.

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Point of measurement - Dimension lines in diagrams.

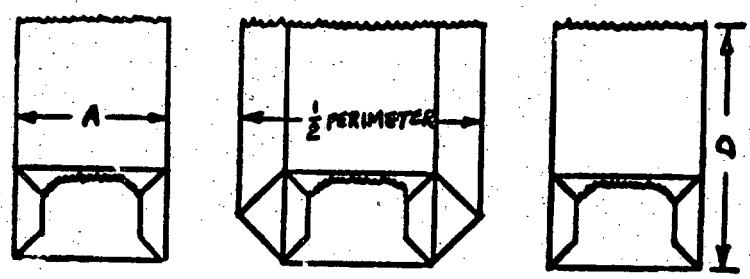

Figure 1. Method of measuring self-opening (automatic) bags.

Point of measurement - Dimension lines in diagram.

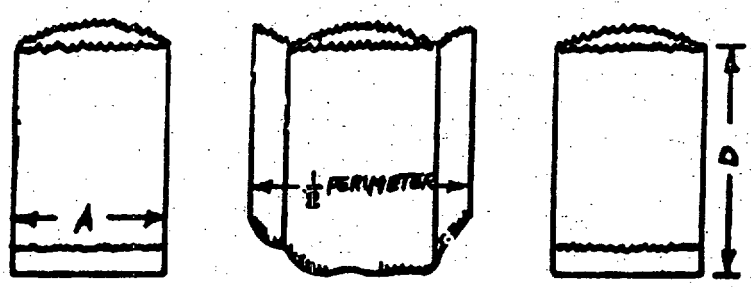

Figure 2. Method of measuring square bags.

Point of measurement - Dimension lines in diagram.

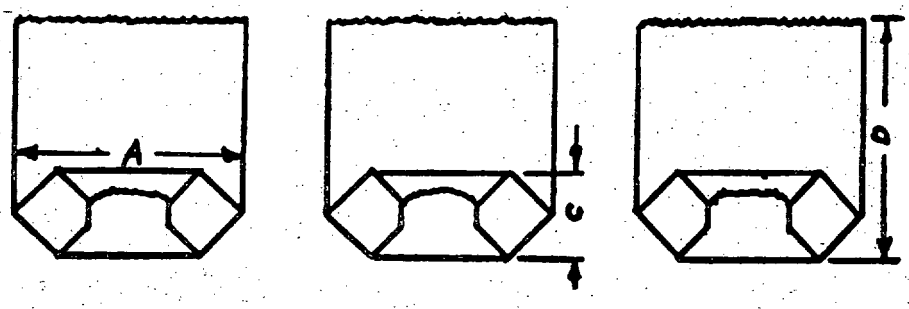

Figure 3. Method of measuring satchel-bottom bags.

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MILITARY CUSTODIANS:

Army - GL
Navy - SA
Air Force - 69

Review activities:

Army - GL, EL, MD, WC
Navy - SA
Air Force - 69, 84

User activities:

Navy - MC
Army - SM

Preparing activity:

Army - GL

CIVIL AGENCIES INTEREST:

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SPECIFICATION ANALYSIS SHEET

Form Approved
Budget Bureau No. 22-R255

INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.

SPECIFICATION

Bags, Paper, (Grocers) UU-B-36J

ORGANIZATION

CITY AND STATE

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

☐ DIRECT GOVERNMENT CONTRACT ☐ SUBCONTRACT

1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID

3. IS THE SPECIFICATION RESTRICTIVE?

☐ YES ☐ NO *(If "yes", in what way?)*

4. REMARKS *(Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)*

SUBMITTED BY *(Printed or typed name and activity - Optional)*

DATE

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