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(see 6.4)

FEDERAL SPECIFICATION

LABELING MACHINES

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 machines for paper labels as follows: (1) Hand-operated machines for continuous feeding, gluing and adhering pre-printed labels; (2) Hand-operated and electric motor-driven machines for applying adhesives on labels individually; (3) Hand-operated machines for continuous feeding, printing and adhering pressure sensitive labels.

1.2 Classification. Labeling machines covered by this specification shall be of the following types, styles, and classes as specified (see 6.2):

Type I	-	Adhesive and label applying, hand-operated
Type II	-	Adhesive applying (label gluing)
Style A	-	Hand-operated
Style B	-	Motor-driven
Type III	-	Pressure sensitive label applying, hand-operated
Class 1	-	5-character printer (single line)
Class 2	-	8-character printer (single line)
Class 3	-	20-character printer (double line)

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein:

Federal Specifications:

CC-M-636	-	Motors, Fractional Horsepower (Alternating Current)
QQ-B-626	-	Brass, Leaded and Non-Leaded, Rods, Shapes, Forgings, and Flat Products With Finished Edges (Bar and Strip)

FSC 3540

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TT-I-556	- Ink, Stamp Pad
PPP-B-601	- Boxes, Wood, Cleated-Plywood
PPP-B-636	- Boxes, Shipping, Fiberboard
PPP-T-60	- Tape: Packaging, Waterproof

Federal Standard:

Fed. Std. No. 123 - Marking for Domestic Shipment (Civil Agencies.)

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

(Single copies of this specification and other Federal Specifications required by activities outside the Federal Government for bidding purposes are generally 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
MIL-STD-461	- Electromagnetic Interference Characteristics Requirements for Equipment
MIL-STD-462	- Electromagnetic Interference Characteristics, Measurements Of

(Copies of Military Specifications and Standards required by contractors 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:

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American Society for Testing and Materials (ASTM) Standards:

Standard Specification A167 - Stainless and Heat-Resisting Chromium Nickel Steel Plate, Sheet and Strip

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

Underwriters' Laboratories, Inc.:

Standard UL-1004 - Electric Motors

(Application for copies should be addressed to the Underwriters' Laboratories, Inc., 207 East Ohio Street, Chicago, IL 60611; 161 Sixth Street, New York, NY 10003 or 1655 Scott Boulevard, Santa Clara, CA 95050.)

National Motor Freight Traffic Association, Inc., Agent:

National Motor Freight Classification

(Application for copies should be addressed to the American Trucking Associations, Tariff Order Section, 1616 P 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 First article. When specified (see 6.2), the supplier shall furnish a sample of the item to be procured under this specification for first article inspection and approval (see 4.3 and 6.3).

3.2 Standard product. The labeling machines delivered under this specification shall be the manufacturer's commercial product, except for any changes necessary to comply with specification requirements. All like items furnished on any one contract, including parts and subassemblies thereof shall be new and interchangeable.

3.3 Codes and standards. The labeling machines shall comply with the applicable requirements of ASTM No. A167 and UL Standard No. 1004.

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3.3.1 Compliance. Prior to approval of the first article, if one is submitted, or prior to commencing production, the supplier shall submit to the contracting officer or his authorized representative satisfactory evidence that the labeling machines that he proposes to furnish under this specification meet the applicable requirements of ASTM A167 and UL Standard No. 1004.

3.3.1.1 ASTM. Acceptable evidence of meeting the requirements of ASTM shall be a certificate indicating that the applicable stainless and heat-resisting steel conforms to ASTM A167.

3.3.1.2 UL. Acceptable evidence of meeting the requirements of UL shall be the UL label, a UL listing mark, or a certified test report from a recognized independent testing laboratory, acceptable to the Government, indicating the labeling machines have been tested and conform to UL Standard No. 1004.

3.4 Materials and components. Materials and components shall be as specified herein. Materials not definitely specified shall be of the quality normally used by the manufacturer in his standard commercial labeling machine provided that the completed item complies with all provisions of this specification.

3.4.1 Brass. Brass shall conform to QQ-B-626.

3.4.2 Stainless and heat-resisting steel. Stainless steel shall conform to the chemical composition of any type of steel in the 300 series as specified in ASTM A167.

3.5 Design and construction.

3.5.1 Type I. The type I labeling machine shall be capable of continuously feeding preprinted labels from a roll, shall automatically apply adhesive and dispense a label, and shall adhere and cut off the label on any flat surface in one hand operation. The machine shall also be capable of being operated by a right or left handed operator and shall consist essentially of the following components:

- (1) A means of accommodating a roll of labels with a minimum of 1000 labels of 3 inches, minimum width.
- (2) A feeder for feeding labels.
- (3) An adhesive applicator with a tank or reservoir for storage of the adhesive.
- (4) A cutter for cutting of labels.
- (5) A means for adhering labels.

3.5.1.1 Frame. The frame of type I labeling machine shall be aluminum.

3.5.1.2 Adhesive tank. The adhesive tank or reservoir of type I labeling machine shall be aluminum or stainless steel. The tank shall have a capacity in accordance with the manufacturer's standard commercial product.

3.5.1.3 Gears. When gearing is required, the gears of the type I machine shall be aluminum or bronze, cycloidal, and high speed type.

3.5.2 Type II. The type II, style A and B adhesive applying labeling machine shall consist essentially of a gluing assembly, feed table, scraper, scraper support, frame, and an adhesive tank or reservoir. The gluing assembly and adhesive tank shall be readily removable without the use of tools, for cleaning. The type II machine shall be capable of applying adhesive to any size label having dimensions from 1/2 inch by 2 inches minimum to 8-1/2 inches width by any length. The length of the roller shall not exceed 10 inches. A single dial regulator or screw adjustment shall be provided for regulating the adhesive layer thickness applied to the label.

3.5.2.1 Style A. Type II, style A machine shall be hand-operated in applying glue on labels individually.

3.5.2.2 Style B. Type II, style B machine shall be motor-driven in applying glue on labels individually. The machine shall be provided with an "on-off" power switch. The drive on a belt-driven machine shall be fully inclosed.

3.5.2.2.1 Motor. The motor on the type II, style B machine shall conform to CC-M-636 or UL Standard No. 1004 and shall have a minimum of 1/20 horsepower rating for belt-driven machines, or a minimum of 1/50 horsepower rating for direct coupled machines.

3.5.2.2.2 Electrical rating. Unless otherwise specified (see 6.2), the type II, style B machine shall operate on a nominal 120 volt, single phase, 60 cycle, alternating current power system.

3.5.2.3 Frame. The frame of type II labeling machine shall be either bronze, aluminum or carbon steel.

3.5.2.4 Adhesive tank. The adhesive tank or reservoir of type II labeling machine shall be either bronze, or stainless steel. The tank capacity based on the depth from the top edge of the tank to the bottom of the gluing roller shall be a minimum of 24 fluid ounces. The tank shall be removable from the machine for cleaning.

3.5.2.5 Gluing assembly. The gluing assembly of type II machine shall consist of a feeding and gluing roller. The rollers shall be positioned so that the feed roller shall not become soiled when in operation. The clearance between the bearings and sides of the rollers shall be of sufficient amount so as not to allow the mixing of the glue with oil from the bearing. The feed roller shall be fabricated from bronze, brass, or stainless steel rod or brass tubing with a stainless steel shaft.

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3.5.2.6 Feed table. The feed table of the type II machine shall be fabricated from aluminum, brass, or stainless steel specified in 3.4.2 and the table top shall have a commercial finish in accordance with the manufacturer's standard practice.

3.5.2.7 Bearings. The bearings of the feeding and gluing rollers of the type II machine shall be fabricated from either nylon, bronze, or oilite bronze bearings. The machine shall be constructed to allow for replacement of the bearings.

3.5.3 Type III. Type III labeling machine shall be capable of continuously feeding pressure-sensitive labels from a roll; shall automatically print and separate the label-separation paper strip between the labels; dispense a label; and adhere a printed label on a package in a one-hand operation. The machine shall consist essentially of a frame containing the following components.

(1) A means for accommodating a roll of pressure-sensitive labels as specified herein.

(2) A feeding mechanism for positive feeding and dispensing of a label and for parting and separating the label separation paper strip.

(3) A printer with independent adjustable wheels or bands for printing price information having visual and positive means for readily adjusting and setting the wheels or bands and an additional means for accommodating a line slug for printing additional repetitive label information.

(4) An inking device with inherent ink supply or requiring a separate ink supply for inking type of printing wheels or bands.

(5) A rubber type roller in accordance with manufacturer's commercial practice, for applying the pressure-sensitized labels to a package.

(6) A combination fixed and grip-squeeze handle for feeding, printing, dispensing and adhering a label in a one-hand operation.

(7) A lanyard of braided cord type attached to the fixed handle for suspension from operator's wrist when the labeling machine is not being used.

(8) An adjustment means for centering printed information on a label. The machine, in addition, shall be furnished with an accessory kit consisting of the following components:

(a) Spare inking device.

(b) Bottle of black ink (1-1/2 ounce minimum capacity), with a capped pouring spout, 1 each, when applicable.

(c) Brush for cleaning printing-type, 1 each.

(d) 3-inch (minimum length) tweezers, 1 each.

3.5.3.1 Class 1. Type III, class 1 labeling machine shall have 5 adjustable printing wheels or bands with a minimum of 10-point type size for printing price information in line on labels. Each wheel or band shall have characters as shown in table I.

3.5.3.2 Class 2. Type III, class 2 labeling machine shall have 8 to 10 adjustable printing wheels or bands with a minimum of 10-point type size for printing price information in line on labels. Each wheel or band shall have characters as shown in table I.

3.5.3.3 Class 3. Type III, class 3 labeling machine shall have 2 rows of printing wheels or bands with 10 wheels or bands in line on top and 8 to 10 on the bottom row with characters as shown in table I. The wheels or bands shall have 10-point type size for printing labels as follows; top row for printing full base-exchange code, and bottom row for printing price and other information.

TABLE I. Printing type, Type III, labeling machine
Class 1

<u>Wheel or Band No.</u>	<u>Characters</u>										
1	1	2	3	4	5	6	7	8	9	TX	\$
2	1	2	3	4	5	6	7	8	9	0	for
3	1	2	3	4	5	6	7	8	9	0	/
4	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	¢
5	1	2	3	4	5	6	7	8	9	0	¢

Class 2

<u>Wheel or Band No.</u>	<u>Characters</u>										
1	1	2	3	4	5	6	7	8	9	0	
2	1	2	3	4	5	6	7	8	9	0	
3	1	2	3	4	5	6	7	8	9	0	¢
4	1	2	3	4	5	6	7	8	9	0	¢
5	1	2	3	4	5	6	7	8	9	0	\$

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TABLE I. Printing type, Type III, labeling machine (cont'd)Class 2 (cont'd)

Wheel or Band No.	Characters										
6	1	2	3	4	5	6	7	8	9	0	/
7	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	¢
8	1	2	3	4	5	6	7	8	9	0	¢

Class 3, Top row

Wheel or Band No.	Characters										
1	1	2	3	4	5	6	7	8	9	0	/
2	1	2	3	4	5	6	7	8	9	0	/
3	1	2	3	4	5	6	7	8	9	0	/
4	1	2	3	4	5	6	7	8	9	0	/
5	1	2	3	4	5	6	7	8	9	0	/
6	1	2	3	4	5	6	7	8	9	0	\$
7	1	2	3	4	5	6	7	8	9	0	/
8	1	2	3	4	5	6	7	8	9	0	/
9	1	2	3	4	5	6	7	8	9	0	/
10	1	2	3	4	5	6	7	8	9	0	¢

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TABLE I. Printing type, Type III, labeling machine (cont'd)Class 3, Bottom row

<u>Wheel or Band No.</u>	<u>Characters</u>										
1	1	2	3	4	5	6	7	8	9	0	/
2	1	2	3	4	5	6	7	8	9	0	/
3	1	2	3	4	5	6	7	8	9	0	/
4	1	2	3	4	5	6	7	8	9	0	/
5	1	2	3	4	5	6	7	8	9	0	\$
6	1	2	3	4	5	6	7	8	9	0	\$
7	1	2	3	4	5	6	7	8	9	0	/
8	1	2	3	4	5	6	7	8	9	0	c
9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	c
10	1	2	3	4	5	6	7	8	9	0	c

3.5.3.4 Slugs. Printing slugs, when specified (see 6.2), for type III, classes 1 and 2 labeling machines shall have 8-point type and each slug when specified shall be capable of printing additional product classification such as "BAKERY", "COSMETICS", "NON-FOOD", "MEAT", "PRODUCE", "FROZEN FOOD", "DIARY", "GROCERY", "DELI", or "SPECIAL", as specified (see 6.2). Class 3, type III labeling machine slugs when specified (see 6.2), shall have minimum 6-point type and each slug when specified shall be capable of printing additional label information in one or two lines consisting of military base name, product classification, base-exchange code or other information, as specified (see 6.2) and containing up to a maximum of 19 letter spaces per line.

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3.5.3.5 Labels and adhesives. Unless otherwise specified (see 6.2), labels for type III labeling machines shall be white. Labels shall have a pressure-sensitive adhesive for application to a packaged item. Labels shall have the following kinds of adhesive as specified (see 6.2):

- (a) Permanent-to prevent label-switching. Label cannot be removed without destruction of label.
- (b) Frozen food-for adherence to frozen food packages.
- (c) Semi-permanent-for removing label after sale is made leaving slight traces of adhesive residue.
- (d) Removable for highly removable label leaving no adhesive residue.
- (e) Security-for permanent and invisible coverage of a previous label. Label cannot be removed from previous label without destruction of both labels.

3.5.3.6 Label and roll sizes. Type III labeling machines shall accommodate applicable labels and roll sizes as shown in figure 1 and as follows:

- (a) Size (a) labels shall be for classes 1 and 2 labeling machines and shall be packed in rolls containing a maximum of 1500 labels each.
- (b) Size (b) labels shall be for class 3 labeling machine and shall be packed in rolls containing a maximum of 1000 labels each.

Label sizes and number of label rolls for type III labeling machine shall be as specified (see 6.2).

3.5.3.7 Inking device. The inking device of the type III labeling machine when applicable, shall require occasional inking and shall consist of a small cell sponge rubber pad capable of absorbing ink for inking the printing-type of the machine.

3.5.3.8 Ink. The ink for inking device, when applicable, shall comply with class 1 of TT-I-526. The bottle containing the ink shall be plastic with a spout to facilitate dispensation of the ink and a cap to prevent ink spillage or drying.

3.6 Performance. The performance of types I, II, and III labeling machines, as applicable, when tested as specified in 4.6.1 shall be smooth with no binding of moving parts and shall be as follows:

(1) Type I labeling machines shall feed and apply adhesive uniformly so that the label shall adhere without wrinkles, oozing of the adhesive or curling at the edges and shall dispense, cut and apply one label at a time on a package without visible adhesive smudge.

(2) Type II labeling machine, once that a label is started, shall be capable of self feeding a label 8-1/2 by 10 inches minimum dimensions and of 32 pound minimum paper weight and shall uniformly apply an adhesive, without the adhesive foaming, so that the label may be applied on a package without oozing of the adhesive, curling of the label or producing visible adhesive smudge at the edges.

(3) Type III labeling machine shall feed, automatically print clearly without excessive ink smudge, dispense without bunching of labels and apply the printed label to adhere completely without wrinkles on a flat surface, at a maximum rate of 40 labels per minute.

3.7 Electromagnetic compatability. When specified (see 6.2), the type II, style B labeling machine shall be designed and equipped for electromagnetic compatability in accordance with IIB of MIL-STD-461 (see 4.6.2).

3.8 Marking for identification. Type I, II and III labeling machines shall be marked with the manufacturer's name or readily identifiable trademark.

3.9 Finish. Each labeling machine shall be finished in accordance with the manufacturer's standard commercial practice.

3.10 Instruction manual. An instruction and maintenance manual will be furnished with each labeling machine.

3.11 Workmanship. Each labeling machine shall be clean and well made. All sharp burrs, slivers, or splinters shall be removed. All bolts, nuts, screws, and studs shall be drawn up tight. Wiring shall be properly joined and shall not be cut or abraded; wiring shall not be loose at terminal ends or otherwise impaired. Finish coat shall be smooth and free from runs, tackiness and embedded foreign matter.

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.

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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. When a first article is required, the labeling machine shall be examined in accordance with the defects in table II and 4.4.2.2, and shall be tested in accordance with 4.6.1 and 4.6.2, when applicable. The presence of any defect or failure of any test shall be cause for rejection of the first article.

4.4 Quality conformance inspection. Except as otherwise specified herein, sampling for inspection shall be performed in accordance with provisions set forth in MIL-STD-105.

4.4.1 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.

4.4.2 End item inspection. The inspection lot shall be all labeling machines of one type, style, and class offered for inspection at one time.

4.4.2.1 Visual examination. The labeling machine shall be examined for defects in table II. The inspection level shall be II with an acceptable quality level (AQL) of 2.5 for major defects and 0.5 for total defects expressed in terms of defects per hundred units.

TABLE II. Classification of defects

Examine	Defects	Classification	
		Major	Minor
Finish	Not finished as specified		X
Design	Characteristic not in accordance with the specified requirements	X	
Construction and workmanship (general)	Part missing or not specified type	X	
	Fractured, punctured, dented, deteriorated, bowed, malformed, or otherwise impaired		X

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TABLE II. Classification of defects (cont'd)

Examine	Defect	Classification	
		Major	Minor
Construction and workmanship (general) (cont'd)	Misplaced or not in proper alignment	X	
	Loose		X
	Not clean or free from sharp edges or corners, burrs, slivers, or splinters		X
	Adjustable assembly that cannot be adjusted to perform the function intended	X	
	Component not readily accessible for servicing	X	
	Wiring not properly joined, cut, abraded, or otherwise impaired		X
	Finish coat not smooth or free from runs, tackiness and embedded foreign matter		X
Bolts, nuts, screws or other types of threaded fasteners	Missing, broken, stripped, or loose		X
	Component not properly assembled or secured	X	
Identification marking	Missing, incomplete, not legible		X

4.4.2.2 Dimensional examination. The labeling machine shall be examined for compliance with dimensions specified. Any dimension not within this specification tolerance shall be a defect. The inspection level shall be S-2 with an AQL of 6.5 defects, expressed in terms of defects per hundred units.

4.4.2.3 End item testing. When a first article is not required, the first produced labeling machine shall be tested as specified in 4.6.1 and 4.6.2, when applicable. Failure of any test shall be cause for rejection of the item. The sample machine shall be tested as specified in 4.6.1. Failure to pass the test shall be a defect. The inspection level shall be S-2 with an AQL of 6.5 defects, expressed as defects per hundred units.

4.4.3 Examination of preparation for delivery. An examination shall be made to determine that preservation, packaging, and marking as required by section 5 of this specification are complied with. Defects shall be as indicated in table III. The sample unit shall be one shipping container fully prepared for delivery. The inspection level shall be S-2 with an AQL of 4.0 expressed in terms of defects per hundred units.

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TABLE III. Examination of preparation for delivery

<u>Examine</u>	<u>Defect</u>
Markings, exterior and interior	Omitted, incorrect, illegible, of improper size, location, sequence, or method of application
Materials	Component missing, damaged, or otherwise defective
Contents	Number per container is more or less than required

4.4.3.1 Examination of shipping containers. When shipping containers are required to be in accordance with PPP-B-636, examination for defects in closure, waterproofing, and strapping shall be in accordance with PPP-B-636..

4.5 Certificate examination. Certificates of compliance, certified test reports, approval labels or listing marks for codes and standards, as applicable, that are submitted as proof of compliance with specification requirements shall be examined and validated.

4.6 Test methods.

4.6.1 Performance test. Type I, II, and III labeling machines, as applicable, shall be operated in accordance with applicable operating instructions to apply a minimum of 40 labels to determine compliance with the applicable requirements of 3.6. Any nonconformance shall constitute failure to pass this test.

4.6.2 Electromagnetic compatability tests. When electromagnetic compatibility is required (see 3.7), the first article or initial production unit, as applicable, shall be tested by the supplier in accordance with test method CE03 and RE02 of MIL-STD-462. The Government reserves the right to witness tests performed by the supplier or independent testing agency. The supplier shall furnish the contracting officer written certification that the Interference Control Plan, the EMI/EMC Test Plan, the Electromagnetic test report and the requirements meet MIL-STD-461.

5. PREPARATION FOR DELIVERY

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

5.1.1 Level A. Type II, style B labeling machines shall have motor openings into control and function boxes sealed with tape conforming to PPP-T-60. Unless otherwise specified herein, each machine shall be packaged in a snug-fitting fiberboard box conforming to style RSC; type CF, variety SW, or type SF; class domestic of PPP-B-636. When specified (see 6.2), the box shall be weather-resistant in accordance with PPP-B-636. The machine shall be immobilized within the box with die-cut or scored fiberboard inserts. Each box shall be closed in accordance with PPP-B-636.

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5.1.2 Level C. Each machine shall be packed to afford adequate protection against deterioration and damage during shipment from supply source to the first receiving activity. The supplier may use his standard practice when it meets these requirements.

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

5.2.1 Level A. Machines, packaged as specified in 5.1, shall be packed in a snug-fitting, fiberboard shipping container conforming to style RSC, grade V3s of PPP-B-636 or style A, B, or I overseas class of PPP-B-601. Each fiberboard shipping container shall be closed, waterproofed by means of tape, and reinforced with strapping or tape banding in accordance with PPP-B-636. The weight of contents of each fiberboard shipping container shall not exceed 50 pounds and all others shall not exceed 200 pounds.

5.2.2 Level B. Machines, packaged as specified in 5.1, shall be packed in a snug-fitting fiberboard shipping container conforming to style RSC; type CF, variety SW, or type SF; class domestic of PPP-B-636. Each shipping container shall be closed in accordance with method II of the appendix of PPP-B-636. The weight of contents of each shipping container shall not exceed 50 pounds.

5.2.2.1 When specified (see 6.2), the shipping container shall be V3c, V3s, or V4s, fabricated and closed in accordance with PPP-B-636.

5.2.3 Level C. Machines, 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 Motor Freight Classification Rules, as applicable.

5.3 Marking.

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

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

6. NOTES

6.1 Intended use. Labeling machines covered by this specification are intended for the following uses:

- (1) Type I is intended for applying an adhesive and adhering a label from a roll of preprinted labels on a flat surface in one operation.
- (2) Type II is intended for applying an adhesive on a label.
- (3) Type III is intended for printing, dispensing and adhering pressure-sensitive labels.

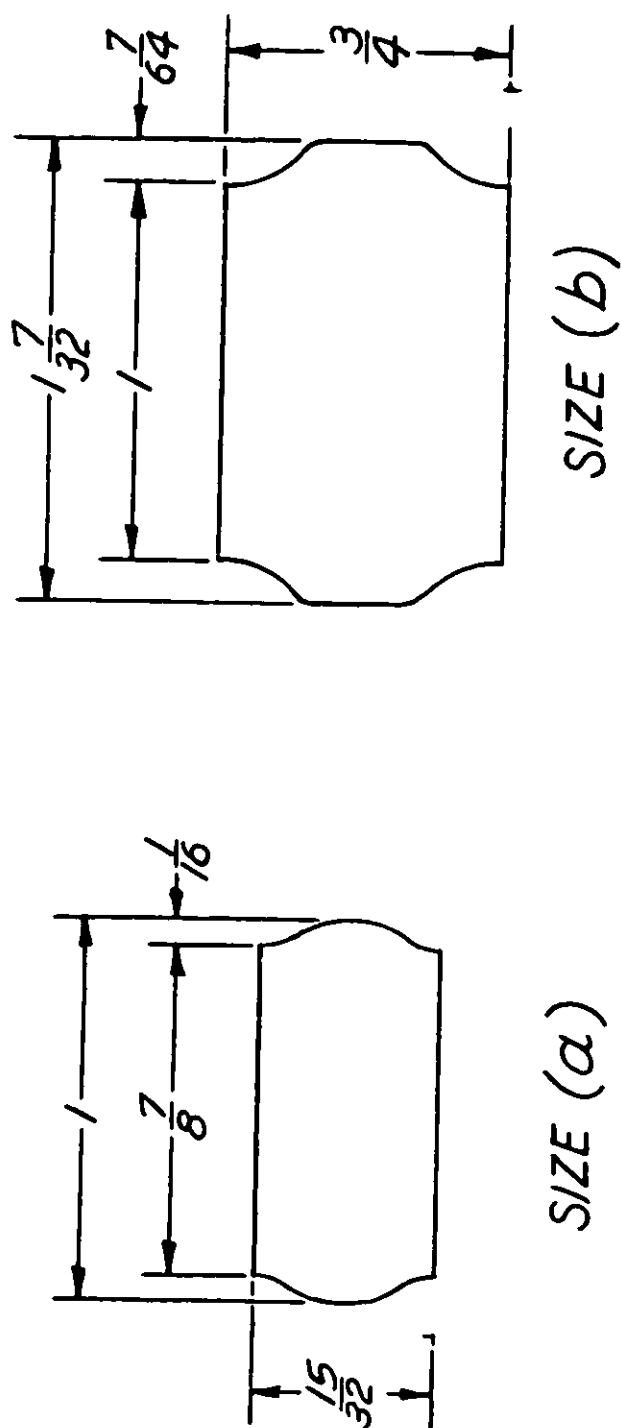
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6.2 Ordering data. Purchasers should select the preferred options permitted herein, and include the following information in procurement documents:

- (a) Title, number and date of this specification.
- (b) Type, style or class machine required (see 1.2).
- (c) When a first article is required (see 3.1, 4.3 and 6.3).
- (d) Electrical requirements, if other than specified (see 3.5.2.2.2).
- (e) When slugs are required for type III, class 1 and 2 machine and the product classification required for each slug (see 3.5.3.4).
- (f) When slugs are required for type III, class 3 machine and the label information required for each slug (see 3.5.3.4).
- (g) Color of label for type III labeling machines when white is not required (see 3.5.3.5).
- (h) Kind of adhesive for labels required for type III labeling machines (see 3.5.3.5).
- (i) Label sizes and number of label rolls required for type III labeling machines (see 3.5.3.6).
- (j) When electromagnetic compatibility is required for type II, style B machine (see 3.7).
- (k) Selection of applicable levels of packaging and packing (see 5.1 and 5.2).
- (l) When weather-resistant boxes are required (see 5.1.1).
- (m) When weather-resistant fiberboard containers are required for level B shipments (see 5.2.2.1).

6.3 First article. When a first article is required, it shall be inspected and approved under the appropriate provisions of ASPR 7-104.55. The first article should be a preproduction, initial production item or other specific item described under the definition of a first article in the ASPR. The contracting officer should specify the appropriate type of first article and the number of units to be furnished. The contracting officer should include specific instructions in all procurement instruments regarding arrangements for inspection and approval of the first article.

6.4 Supersession data. This specification supersedes MIL-A-43229, Adhesive Applying Machine dated 10 June 1968. Types I and II labeling machines were Type I, Labeling Machine, Hand-Operated and Type II, Adhesive Applying Machine Label of Specification MIL-A-43229.



THIS FIGURE IS DESCRIPTIVE AND NOT NECESSARILY RESTRICTIVE
TO THE SHAPE OF THE LABEL.

FIGURE 1 - LABELS, TYPE III, LABELING MACHINE

GG-L-1763

Custodians:

Army - GL
Navy - SA
Air Force - 84

Review activities:

Army - MD, SM

Preparing activity:

Army - GL

Civil Agency Coordinating Activities:

GSA - FSS

GPO

Project No. 3540-0108

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STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSALOMB Approval
No. 22-R255

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DOCUMENT IDENTIFIER AND TITLE

GGG-L-1763 LABELING MACHINES

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