

JJ-S-750a

April 5, 1967

SUPERSEDING

Int. Fed. Spec. JJ-S-00750 (GSA-FSS)

July 27, 1964

FEDERAL SPECIFICATION**STRAP, WEBBING**

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 This specification covers one type of adjustable binder webbing strap.

2. APPLICABLE DOCUMENTS

2.1 The following specifications and standards, 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:

QQ-S-698—Steel, Sheet and Strip, Low-Carbon.

CCC-T-191—Textile Test Methods.

PPP-B-566—Boxes, Folding, Paperboard.

PPP-B-601—Boxes, Wood, Cleated-Plywood.

PPP-B-621—Boxes, Wood, Nailed and Lock-Corner.

PPP-B-636—Box, Fiberboard.

PPP-B-640—Boxes, Fiberboard, Corrugated, Triple-Wall.

PPP-B-665—Boxes; Paperboard, Metal Stayed (Including Stay Material).

PPP-B-676—Boxes, Setup.

Federal Standard:

Fed. Std. No. 128—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 contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

3. REQUIREMENTS**3.1 Material.**

3.1.1 *Webbing.* The webbing shall not be less than 2-ply cotton, or cotton-nylon yarn, both warp and filling.

3.1.2 *Buckle and end clip.* Buckle and end clip shall be formed of steel strip, cold rolled, tempers No. 4 or 5 of QQ-S-698. The minimum thickness of the buckle shall be 0.050-inch, and the minimum thickness of the end clip shall be 0.040-inch.

3.2 Webbing.**FSC 5340**

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3.2.1 Weave. Weave shall be 2 up, 2 down, herringbone twill.

3.2.2 Weave repeat. Weave repeat shall be on 14 to 16 warp ends.

3.2.3 Edges. Woven edges shall be of the same weave as basic (2 up, 2 down), consisting of 4 warp ends.

3.2.4 Color. The color of the webbing shall be at the option of the manufacturer.

3.2.5 Dimensions. The width of the webbing shall be $3/4 \pm 1/32$ -inch, and the length shall be as specified (see 6.2).

3.2.6 Weight. The minimum weight shall be 0.30-ounce per linear yard (see 4.4.2).

3.2.7 Yarns. There shall be 70 ends per width of webbing including selvage, with a minus tolerance of 2 ends. The filling shall have 36 picks per inch with a minus tolerance of 2 picks.

3.3 Buckle. Buckle shall be formed similar to the single bar loop slide. The slots in the buckle shall be of sufficient size to allow the webbing to slide freely. The edges parallel to the slots shall be turned downward, so when the buckle and end clasp are engaged, and the loose end of the webbing is pulled horizontally, the buckle will apply pressure against the webbing causing the strap to remain snug. Tension on the strap shall be released by an upward pull on the loose end of the webbing.

3.4 End clasp. End clasp shall be constructed with a curved lip and 2 slots. The slots shall be sufficiently large to allow the webbing to be laced around the center bar, folded under and sewed securely not less than 1/2-inch from the center bar. The curved lip shall be designed to engage the buckle slot without binding.

3.5 Coating. The buckle and end clasp shall be either nickel or chromium coated.

3.6 Tensile requirement. When tested in ac-

cordance with 4.4.3, the webbing shall not break or fray, and the metal parts shall not deform (see 4.4.3).

3.7 Workmanship. The metal parts shall be free from burrs and rough edges. The webbing shall be free from cuts, holes, tears, or defects which may affect appearance or serviceability.

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 all straps submitted for inspection at the same time.

4.2.2 Visual examination of end item. Sampling for this examination shall be in accordance with level S-3 in MIL-STD-105. The acceptable quality levels (AQL's) 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 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. Straps selected in accordance with 4.2.2 shall be examined for defects listed in table I.

TABLE I. *Classification of defects, end item*

Defects	Major	Minor
Weave, weave repeat, yarns or edges of webbing not as specified -----	X	
Cut, hole, or tear, any-----	X	
Dimensions of webbing out of tolerance -----	X	
Sharp edges or burrs on buckle, end clasp-----	X	
Buckle, end clasp bent or malformed -----	X	
Plating, cracked, or peeling----		X
Damage or defects not affecting function or serviceability--		X
Damage or defects affecting function or serviceability-----	X	

4.3.2 Inspection of preparation for delivery. Any inspection shall be made to determine that packaging, packing, and marking requirements comply with section 5. Defects shall be scored in accordance with table II. For examination of contents the sample unit shall be one shipping container fully prepared for delivery selected just prior to the closing operations. Sampling shall be in accordance with MIL-STD-105. Defects of closure listed shall be examined on shipping containers fully prepared for delivery. The lot size shall be the number of shipping containers in the end item inspection lot. The inspection level shall be 4.0, and the AQL shall be S-2 defects per hundred units.

TABLE II. *Classification of preparation for delivery defects*

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

4.4 Tests.

4.4.1 General. Straps selected in accordance with 4.2.3 shall be tested for compli-

ance with the requirements of this specification.

4.4.2 Weight. The weight of the webbing per linear yard shall be determined in accordance with method 5041 of CCC-T-191 (see 3.2.6).

4.4.3 Tensile. The buckle and end clasp shall be properly engaged. The strap shall then be mounted in a testing machine with the buckle near the center when the heads of the machine are 12 inches apart. The heads of the machine shall separate at the rate of 4 inches per minute maximum under no load. Apply a load of 100 pounds for a duration of 30 seconds (see 3.6).

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.

5.1.1.1 Unit packaging. Twelve straps of one color shall be packaged in a close-fitting box conforming to PPP-B-566, PPP-B-665, or PPP-B-676.

5.1.1.2 Intermediate packaging. Unit packages of straps of one color in quantities as specified, (see 6.2) shall be intermediate packaged in a close-fitting box conforming to PPP-B-636, class weather-resistant. The box shall be closed and waterproofed with tape in accordance with the appendix to the box specification.

5.1.2 Level B, civil agencies.

5.1.2.1 Unit packaging. Twelve straps of one color shall be packaged in a close-fitting box conforming to PPP-B-566, PPP-B-665, or PPP-B-676.

5.1.2.2 Intermediate packaging. Ten unit packages of straps of one color shall be intermediate packaged in a close-fitting box conforming to PPP-B-636, class domestic. The box shall be closed in accordance with the appendix to the box specification.

5.1.3 Level C. The straps shall be packaged to afford protection against deterioration and damage from the supplier to the

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initial destination. The supplier may use his commercial practice providing it fulfills the above requirements.

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

5.2.1 Level A. The straps of one color in quantities as specified (see 6.2) shall be packed in a close-fitting box conforming to PPP-B-601, overseas type; PPP-B-621, class 2; PPP-B-636, class weather-resistant; or PPP-B-640, class 2, grade A. The box shall be closed and strapped in accordance with the applicable specification or appendix thereto. The gross weight of the triple-wall box or the wood boxes shall not exceed 200 pounds. The gross weight of the PPP-B-636 box shall not exceed the weight limitations of the box specification.

5.2.2 Level B. Twelve intermediate packages of straps of one color shall be packed in a close-fitting box conforming to PPP-B-636, class domestic. The box shall be closed in accordance with the appendix to the box specification.

5.2.3 Level C. The straps shall be packed to insure carrier acceptance and safe delivery at destination at the lowest rates, in containers complying with the rules and regulations applicable to the mode of transportation.

5.3 Standard packaging (civil agencies). The standard packaging for civil agencies shall be as specified in 5.1.2 and 5.2.2, respectively.

5.4 Marking.

5.4.1 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.

5.4.2 Military agencies. In addition to markings required by the contract or order,

the interior packages and shipping containers shall be marked in accordance with Fed. Std. No. 123.

5.4.2 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. Webbing straps are intended to be used as adjustable binders to hold records and mail securely.

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 of webbing (see 3.2.5).
- (c) Size of lot, if different from 4.2.1.
- (d) Quantities of unit packages of straps required in intermediate container (see 5.1.1.2).
- (e) Quantities of intermediate packages of straps required in shipping container (see 5.2.1).
- (f) Selection of applicable level of packaging, and packing required (see 5.1 and 5.2).

6.3 Standard pack for civil agencies. The standard pack requirements in 5.3 are intended for use in procurements of stores stock replenishments. Procuring officers should use the standard pack requirements when it is known that the material will be shipped from a supplier to a domestic warehouse, supply depot, or intermediate storage point for temporary storage, subsequent issue of shipment to eventual user.

MILITARY INTERESTS:

Army—GL
Navy—Docks
Air Force 69

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