

WW-H-1911A
February 28, 1978
SUPERSEDING
Int. Fed. Spec. WW-H-001911A
(GSA-FSS)
September 10, 1975 and
Fed. Spec. WW-P-541/8 (In Part)
October 12, 1971

FEDERAL SPECIFICATION

HOLDER, TOILET PAPER (SINGLE ROLL)

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 three types of toilet paper holders.

1.2 Classification.

1.2.1 Types. Toilet paper holders furnished under this specification shall be of the following types as specified (see 6.2):

- Type I - Roller mounted on two support brackets.
- Type II - Roller mounted on single continuous bracket.
- Type III - Formed steel rod.

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 Specification:

UU-P-556 - Paper, Toilet Tissue.

(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, Philadelphia, Washington, DC, Atlanta, Chicago, Kansas City, MO, Fort Worth, Houston, 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 Standard:

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.

(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.

American Society for Testing and Materials (ASTM) Standard:

B 287 - Acetic Acid-Salt Spray (Fog) Testing.

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

National Motor Freight Traffic Association, Inc., Agent:

National Motor Freight Classification.

(Application for copies should be addressed to the American Trucking Associations, Inc., Traffic Department, 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.)

3. REQUIREMENTS

3.1 Materials. Materials shall be as specified hereinafter. All materials shall be of the quality used in normal practice for the intended purpose.

3.2 Standard product. Except as otherwise specified herein, toilet paper holders covered by this specification shall be the manufacturer's standard commercial product for surface mounting. Fasteners for mounting shall be furnished with each holder.

3.3 Capacity. Holders shall be capable of holding one toilet paper roll conforming to UU-P-556.

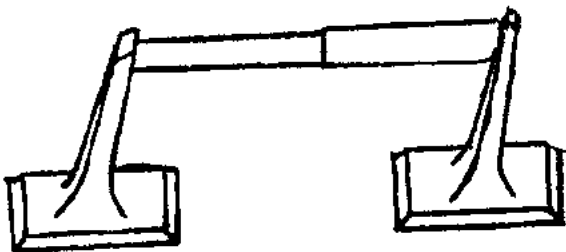
3.4 Finish. Except for stainless steel, holders shall be bright chromium plated. Stainless steel holders shall have a satin finish.

3.5 Construction. Toilet paper holders in accordance with this specification shall be of the type illustrated in figure 1 (see 6.3) and shall conform to the requirements of 3.1 thru 3.4 in addition to the specific requirements specified in 3.5.1, 3.5.2, and 3.5.3.

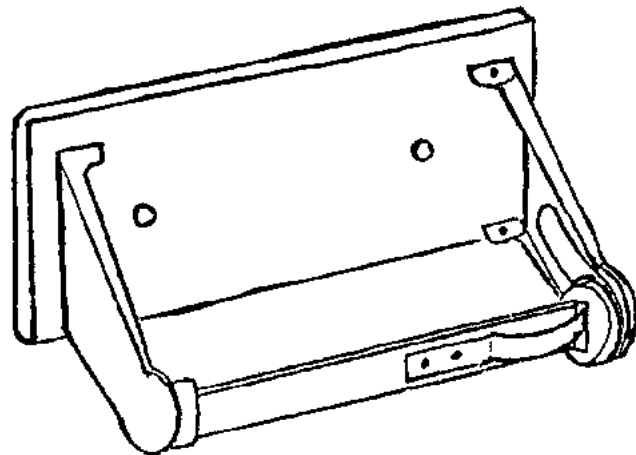
3.5.1 Type I. The type I holder shall consist of two separate posts (brackets) and a spring actuated roller. Posts shall be of stainless steel, chromium plated copper alloy or chromium plated zinc alloy. Posts shall conceal mounting fasteners. The roller shall be chromium plated copper alloy, plastic or stainless steel. The shape of the base of the posts shall be at the option of the manufacturer.

3.5.2 Type II. The type II holder shall be of chromium plated steel. Holder shall consist of a wall plate with one stationary or integral post and one hinged post. A roller or bar shall be fixed to the stationary post. The holder shall be antipilfering type. The face plate shall have two $7/32$ inch minimum size mounting holes or slots. The holder shall not restrict free spinning of a full roll of toilet paper when tested in accordance with 4.5.2.

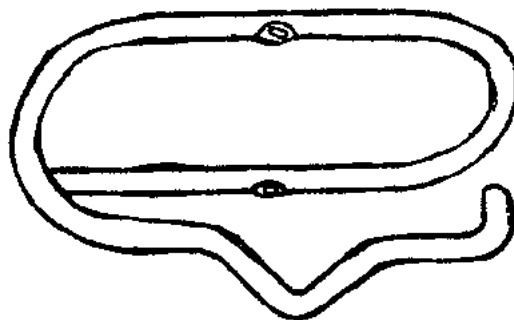
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Type I



Type II



Type III

Figure 1

3.5.3 Type III. The type III holder shall consist of a single continuous stainless steel or chromium plated steel rod. The diameter of the plated rod shall be 3/8 +/- 1/64-inch. Rod shall be formed into a shape suitable for insertion of a 1000 sheet roll of tissue.

3.6 Performance.

3.6.1 Corrosion. Holders shall show no evidence of corrosion when tested in accordance with 4.5.1.

3.6.2 The holder shall allow the removal of strips of tissue containing a minimum of five sheets when tested as specified in 4.5.2.

3.7 Marking. Each holder shall be clearly marked with the manufacturer's name or registered trademark. The method of marking shall be embossing, decalcomania or stamping.

3.8 Workmanship. Holders shall be free of sharp edges, burrs, and dents. Moving parts shall not bind. Plating shall be uniform in appearance and free of blisters.

4. QUALITY ASSURANCE PROVISIONS

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 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.

4.2 Sampling for examination and tests. Size of sample for examination and tests shall be level S-2 of MIL-STD-105.

4.3 Examination. Samples selected in accordance with 4.2 shall be examined for defects listed in table I. The acceptable quality levels (AQL's) for defects shall be 2.5 percent defective for major defects and 6.5 percent defective for total defects.

TABLE I. Classification of defects

Defect	Major	Minor
Type not as specified.	X	
Material not as specified	X	
Fasteners not included (see 3.2).	X	
Finish (see 3.4).	X	
Damage or defects affecting function or serviceability	X	
Damage or defects not affecting function or serviceability		X

4.4 Tests. Samples selected in accordance with 4.2 shall be tested as specified in 4.5. The AQL for tests shall be 4.0 percent defective.

4.5 Test method.

4.5.1 Corrosion resistance tests. Test holders for resistance to corrosion in accordance with ASTM B 287. The duration of the test period shall be 8 hours. At the end of the test period, examine samples for conformance to 3.6.1.

4.5.2 Tissue removal test. Mount holder on a vertical surface in accordance with the manufacturer's instructions. Load holder with a full roll of toilet tissue conforming to UU-P-556. Remove five strips of tissue as specified in 3.6.2. Determine conformance to 3.6.2.

4.6 Inspection of preparation for delivery. An inspection shall be made to determine whether the packaging, packing, and marking comply with the requirements in section 5 of this specification. Defects shall be scored in accordance with table II. For examination of interior packaging, the sample unit shall be one shipping container fully prepared for delivery, selected at random, 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 S-2 with an AQL of 4.0 defects per hundred units.

TABLE II. Classification of preparation for delivery defects

Examine	Defects
Markings	Omitted; incorrect, illegible; improper size, location, sequence or method of application.
Material	Any component missing, damaged or not conforming to the applicable specification or requirements stated herein.
Workmanship	Inadequate application of components such as incomplete closure of container flaps, loose strapping, inadequate stapling, or distortion of container.
Contents	Quantity per container is more or less than required. Gross weight exceeds requirements of the box specification.

5. PREPARATION FOR DELIVERY

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

5.1.1 Level A.

5.1.1.1 Unit packaging. Each holder with all component parts shall be packaged in a paperboard or fiberboard box. The box shall be secured to prevent accidental opening.

5.1.1.2 Intermediate packaging. Ten holders packaged as specified in 5.1.1.1 shall be further packaged in a paperboard or fiberboard box. The box shall be secured to prevent accidental opening.

5.1.2 Commercial.

5.1.2.1 Unit packaging. Each holder shall be packaged in accordance with normal commercial practice. The complete package shall be designed to protect the item against damage during shipment, handling and storage.

5.1.2.2 Intermediate packaging. The holders packaged as specified in 5.1.2.1 shall be further packaged in accordance with normal commercial practice. The complete package shall be designed to protect the items against damage during shipment, handling and storage.

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

5.2.1 Level A. Holders packaged as specified in 5.1.1 shall be packed in boxes made from weather-resistant fiberboard having a bursting strength of not less than 275 pounds per square inch. The box flaps shall be secured with water resistant adhesive applied to not less than 75 percent of the surface area of contact between the flaps, or with 3 inch wide water-resistant tape applied to the full length of the center seams and extending over the ends not less than 3 inches. Alternatively, cleated plywood, wirebound or nailed wood boxes shall be acceptable shipping containers when lined with a waterproof barrier material. The edges of the barrier material shall be sealed with waterproof tape or adhesive.

5.2.2 Commercial. The paper holders, packaged as specified in 5.1.2, shall be packed in fiberboard boxes to ensure safe delivery at destination, to provide for safe redistribution by the initial receiving activity and shall be acceptable by common carrier under National Motor Freight Classification or Uniform Freight Classification.

5.3 Unitization. When shipments to Government depots are full car or truckload, the shipping containers shall be unitized for shipment and handling in accordance with normal commercial practice. The unitized load shall not exceed 2,500 pounds in weight, 63 inches in height, 56 inches in length and 45 inches in width.

6. NOTES

6.1 Intended use. Toilet paper holders covered by this specification are intended for use in public rest rooms.

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 (see 1.2.1).
- (c) Level of packaging and packing (see 5.1 and 5.2).
- (d) When special markings are required (see 5.2).

6.3 Illustrations. The illustrations contained herein are for the convenience of identification of a type. They are not intended to preclude the purchase of toilet paper holders of similar design which are in accordance with the requirements of this specification.

6.4 Specification cross reference.

WW-P-541b	WW-P-541/8		WW-H-1911A
Type	Type	Style	Type
433	I	A	I
437	I	B	II
446	I	E	III

MILITARY INTEREST:

Preparing activity:

Custodians:

GSA-FSS

Army - ME

Navy - YD

Air Force - 99

Civil Agency Coordinating Activities:

GSA-PBO-PCD

HUD-HHE-TCS

TVA - TVA

USDA - AFS - ARS

Review activities:

Navy - CG

DSA - CS

Military Coordinating Activity:

Navy - YD

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Orders for this publication are to be placed with General Services Administration, acting as an agent for the Superintendent of Documents. See Section 2 of this specification to obtain extra copies and other documents referenced herein. Price 60 cents each.