

METRIC

A-A-59594

October 9, 2001

COMMERCIAL ITEM DESCRIPTION

TOILET TISSUE, INSTITUTIONAL

The General Services Administration has authorized the use of this Commercial Item Description as a replacement for ASTM D-3905.

1. SCOPE.

1.1 This Commercial Item Description (CID) covers institutional toilet tissue suitable for use by Federal, State, local governments and other interested parties; and as a component of operational rations.

2. CLASSIFICATION.

2.1 The toilet tissue shall conform to the following styles, types, classes, and sheet sizes as specified in the solicitation, contract, or purchase order.

Styles, types, classes, and sheet sizes.

Style I - Roll

Type A - One ply

Type B - Two ply

Class 1- Perforated

Sheet size a - 114.3 mm x 114.3 mm (4.5" x 4.5")

Sheet size b - Other

Class 2 - Non perforated

Sheet size a - 228,600 mm x 96.0 mm (750.0' x 3.78")

Sheet size b - 304,800 mm x 96.0 mm (1000.0' x 3.78")

Sheet size c - 609,600 mm x 96.0 mm (2000.0' x 3.78")

Sheet size d - Other

Style II - Folded

Type A - One ply
Type B - Two ply

Sheet size a - 215.9 mm x 114.3 mm (8.5" x 4.5")
Sheet size b - 114.3 mm x 114.3 mm (4.5" x 4.5")
Sheet size c - Other

3. SALIENT CHARACTERISTICS.

3.1 Material. The toilet tissue shall be unglazed. The tissue shall contain 50 percent recovered fiber, including 20 percent postconsumer fiber.

3.2 Workmanship. The toilet tissue shall be trimmed with clean, smooth edges. The paper shall be free of dirt spots, holes, tears, wrinkles, foreign matter, undigested paper, or unbleached waste.

3.3 Appearance. The toilet tissue may be smooth or textured.

3.4 Odor. The toilet tissue shall have no disagreeable odor when dry or wet.

3.5 Color. The toilet tissue shall be white unless otherwise specified in the solicitation, contract, or purchase order. Tissue for use in Department of Defense operational rations shall be white, dull beige, green or yellow.

3.6 Physical requirements. The toilet tissue shall dispense satisfactorily from the fixture when loaded according to the directions. The tissue shall meet or exceed the requirements of Table I.

TABLE I. Physical requirements

<u>Characteristic</u>	<u>Requirement</u>				<u>Test Method</u>
	<u>Style I</u>		<u>Style II</u>		
	<u>Type A</u>	<u>Type B</u>	<u>Type A</u>	<u>Type B</u>	
Weight per unit area:					TAPPI T 410 or ASTM D 646 <u>1/</u>
Grammage, g/m ² , min	14.7	27.7	14.7	27.7	
Basis weight, lb, min (24 x 36 - 500)	9.0	17.0	9.0	17.0	
Tensile strength:					TAPPI T 404 or ASTM D 828 <u>1/</u>
Cross direction (Dry)					
N/m, min	44	44	53	53	
ozf/in, min	4.0	4.0	4.8	4.8	

TABLE I. Physical requirements - continued

<u>Characteristic</u>	<u>Requirement</u>				<u>Test Method</u>
	Style I		Style II		
	Type A	Type B	Type A	Type B	
Tensile strength:					TAPPI T 404 or ASTM D 828 ^{1/}
Cross direction (Wet)					
N/m, min	28	28	33	33	
ozf/in, min	2.5	2.5	3.0	3.0	
Machine direction (Dry)					
N/m, min	44	44	53	53	
ozf/in, min	4.0	4.0	4.8	4.8	
Machine direction (Wet)					
N/m, max	28	28	33	33	
ozf/in, max	2.5	2.5	3.0	3.0	
Water absorption:					TAPPI T 432 or ASTM D 824
seconds for 0.01 ml, max	60	5	60	5	

^{1/}

^{1/} Prior to physical testing, samples shall be conditioned in accordance with ASTM D 685 or TAPPI T 402.

4. REGULATORY REQUIREMENTS. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirement or exposing suppliers' employees to undue hazards from the recovered materials.

5. PRODUCT CONFORMANCE. The toilet tissue shall meet the physical characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same toilet tissue offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

6. PACKAGING. Preservation, packaging, packing, labeling, and case marking shall be as specified in the solicitation, contract, or purchase order.

7. NOTES.

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7.1 Purchasers shall specify:

- Styles, types, classes, and sheet sizes required.
- Packaging requirements (Sec. 6 or as specified in the solicitation, contract, or purchase order).

7.2 Sources of documents.

7.2.1 Sources of information for nongovernmental documents are as follows:

TAPPI test methods may be obtained from: **Technical Association of the Pulp and Paper Industry, P.O. Box 105113, Atlanta, GA 30348.**

ASTM methods may be obtained from: **American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.**

7.2.2 Sources of information for governmental documents are as follows:

Civil agencies and other interested parties may obtain copies of this CID and the Federal Acquisition Regulations from: **General Services Administration, Federal Supply Service, Specifications Section, Suite 8100, 470 L 'Enfant Plaza, SW, Washington, DC 20407.**

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: **Commander, Defense Supply Center Philadelphia, ATTN: DSCP-HSL, 700 Robbins Avenue, Philadelphia, PA 19111-5092 or FAX (215) 737-2963, or via E-mail: sagallagher@dscp.dla.mil.**

Military activities should submit requests for copies of this CID to: **Standardization Documents Order Desk, Defense Automation and Production Service, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.**

MILITARY INTERESTS:

Custodians

Army - GL

Review Activities

Army - MD

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 2FYE

PREPARING ACTIVITY:

DLA - SS

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