



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)

PCID NO. 1007

PAPER, TOILET TISSUE

Eff. 5/16/18

(this item description supersedes PCID 1007 dated 5/24/12)

This Pennsylvania Commercial Item Description covers requirements for paper toilet tissue. Product shall conform to the following requirements unless otherwise specified in the bid proposal or purchase order.

1. Classification - Types and sizes covered under this specification:

<u>Type I - Roll, perforated</u>	<u>Type II - Roll, non-perforated</u>
Size 1. Service	Size 1. Jumbo
	Size 2. Mini/Jr

2. Quality and Materials - Toilet tissue shall be made from clean, processed wood fibers and shall be unglazed. The tissue shall not be harmful to the skin or have an objectionable odor. All tissue shall be clean and free from dirt spots, holes or tears 1/16 inch in one sheet (or 5 running inches for non-perforated roll tissue). Tissue shall be free of other objectionable matter or defects and shall be manufactured and packed under sanitary conditions. Toilet tissue shall contain a minimum of 20% post-consumer content.

3. Physical Requirements*1 -

	<u>Type I</u>	<u>Type II</u>		<u>TAPPI Method</u>
	<u>Size 1</u>	<u>Size 1</u>	<u>Size 2</u>	
<u>Tensile Strength, Dry,</u>				
Cross-direction, g/3in, min:	250	350	350	T-494
<u>Tensile Strength, Dry, Machine</u>				
Direction, g/3in, min:	1000	1000	1000	T-494
<u>Tensile Strength, Wet, Machine</u>				
Direction, g/3in, max:	210	210	210	T-456 and T-494
<u>Water Absorbency, 0.01 ml *2</u>				
of Water, max, seconds:	25	25	25	T-432

*1 – All tests to be performed on paper conditioned in accordance with TAPPI Standard T-402

*2 – Maximum number of seconds to absorb shall have a tolerance of 10%

4. Special Requirements / Type I, roll, perforated –

4.1 Cores - The tissue shall be evenly and tightly wound on cores made of stiff, round paperboard sufficiently rigid to prevent collapse of the roll under ordinary conditions of transportation and use. The inside diameter of the cores shall be 1-1/2" ± 1/4".

4.2 Width - Sheet width (also roll width) shall be 4.1" ± 1/4".

4.3 Length - Each sheet shall be 4.0" ± 1/4" in length.

4.4 Perforations - The tissue shall be perforated at right angles to the edges for easy and even detachment of single sheets.

5. Special Requirements / Type II, roll, non-perforated –

5.1 Tissue shall be unglazed for delivery through a companion-dispensing fixture.

5.2 Size 1 - Roll shall have a maximum diameter of 13".

5.3 Size 2 - Roll shall have maximum diameter of 9-1/2".

5.4 Cores - Cores shall be 3-1/4" ± 1/4" inside diameter, 2-ply minimum with sufficient rigidity to prevent collapse of the roll under ordinary conditions of transportation and use.

5.5 Width - Sheet width (also roll width) shall be 3-1/2" ± 1/4".

5.6 Size 1 – Each 1-ply roll shall have a minimum 168,000 square inches of tissue. Each 2-ply roll shall have a minimum 84,000 square inches of tissue.

5.7 Size 2 – Each 1-ply roll shall have a minimum 84,000 square inches of tissue. Each 2-ply roll shall have a minimum 42,000 square inches of tissue.

6. Dispensers - General requirements for Type II products are as follows:

6.1 Dispensers shall protect roll from dirt and moisture and be easily cleaned

6.2 Dispensers shall be equipped with lock and key to deter theft and vandalism.

6.3 Dispensers shall be furnished with all fixture hardware for installation (including, but not limited to nuts, bolts, screws, washers, brackets, etc.).

7. Testing - Tests shall be conducted in accordance with the applicable testing methods of the *Technical Association of the Pulp & Paper Industry (TAPPI) Test Methods* Standards as listed. The Commonwealth reserves the right to use any additional information or applicable tests to determine conformity to specification. The Commonwealth reserves the right to solicit independent product testing, at the awarded supplier's expense, to determine conformance to specification.

8. Inspection & Rejection - Sampling for prior to/post- award testing, if required, will be as defined in the bid proposal. Inspection may be made at place of manufacture at the option of the Commonwealth after an award has been made. Inspection for final acceptance shall be made at the place of delivery and/or after laboratory testing to determine whether product or service meets the specification requirements. Samples for inspection and after delivery testing shall be selected by simple random sampling. If defects are detected during the course of delivery, or after product has been delivered, the Commonwealth reserves the right to reject the defective product and require replacement at no cost to the Commonwealth, or cancel the contract and surcharge the contractor for any expense incurred by the cancellation of the contract and in securing satisfactory materials, if the vendor fails to apply timely and corrective measures.

9. Packing - Product shall be packed according to good commercial practice and the following requirements:

9.1 Type I, Size 1 - Each roll shall be packed consistent with industry standards for adequate protection and to prevent unwinding.

9.2 Type I, Size 2; Type II, Size 1; Type II, Size 2 - Each roll shall be packed consistent with industry standards for adequate protection and to prevent unwinding.

10. Shipping Containers - Unless otherwise specified, shipments shall be made in corrugated commercial containers, so constructed as to insure acceptance and safe delivery by common or other carrier. Each shipping container shall be clearly marked with the manufacturer's name, product brand name or number, case count and sheet count.

11. Document Sources –

Technical Assoc. of the Pulp and Paper Industry
TAPPI
PO Box 105113
Atlanta, GA 30348

Quality Assurance Supervisor: Brian Vulgaris

