



Designation: D6123/D6123M – 97 (Reapproved 2012)

Standard Specification for Pressure-Sensitive Tape for Light-Duty Packaging and General Purpose Masking¹

This standard is issued under the fixed designation D6123/D6123M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers paper-backed pressure-sensitive tapes used for light-duty packaging and masking.

1.2 The values stated in either inch-pound or SI units are to be regarded separately as standard. The values stated in each system are not exact equivalents; therefore, each system must be used independently, without combining values in any way.

1.3 The following safety hazards caveat pertains only to the test methods portion, Section 13, of this specification. *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards*:²

D996 Terminology of Packaging and Distribution Environments

D3121 Test Method for Tack of Pressure-Sensitive Adhesives by Rolling Ball

D3330/D3330M Test Method for Peel Adhesion of Pressure-Sensitive Tape

D3611 Practice for Accelerated Aging of Pressure-Sensitive Tapes

D3652/D3652M Test Method for Thickness of Pressure-Sensitive Tapes

D3715/D3715M Practice for Quality Assurance of Pressure-Sensitive Tapes

D3759/D3759M Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape

D3951 Practice for Commercial Packaging

D5486/D5486M Specification for Pressure-Sensitive Tape for Packaging, Box Closure, and Sealing

D5570 Test Method for Water Resistance of Tape and Adhesives Used as Box Closure

2.2 *Federal Specification*:

PPP-T-680 Tape, Pressure-Sensitive: Packaging and Packing of ³

2.3 *ISO Standard*:

ISO 9002 Quality Systems Model for Quality Assurance in Production and Installation⁴

3. Terminology

3.1 *Definitions*—General definitions for packaging and distribution environments are found in Terminology D996.

4. Significance and Use

4.1 The pressure-sensitive paper-backed tapes covered by this specification are intended for packaging applications such as bundling small parts to be overpacked, holding small parts to larger assemblies, and for temporary closure of chipboard boxes and fiberboard boxes that are not to be shipped by common carrier. They are also for general use applications such as in temporarily masking surfaces from being covered by paint, varnish, or other finishing materials. These tapes are not intended to be a substitute for tapes covered by Specification D5486/D5486M. Type I is for use where conformability is desired. Type II is for uses requiring more strength and for straight line masking.

5. Classification

5.1 Type I is crepe paper backed.

5.2 Type II is flat paper backed.

6. Ordering Information

6.1 The inquiry or order shall include the following:

6.1.1 ASTM Designation and date of issue,

6.1.2 Type required (see Section 5),

¹ This specification is under the jurisdiction of ASTM Committee D10 on Packaging and is the direct responsibility of Subcommittee D10.14 on Tape and Labels.

Current edition approved April 1, 2012. Published May 2012. Originally approved in 1997. Last previous edition approved in 2007 as D6123/D6123M – 97 (2007). DOI: 10.1520/D6123_D6123M-97R12.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For Annual Book of ASTM Standards volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from Standardization Documents Order Desk, Bldg. 4, Section D, 700 Robbins Ave., Phila., PA 19111–5094. Attn: NPODS.

⁴ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.