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AMERICAN SOCIETY FOR TESTING AND MATERIALS
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Standard Specification for Pressure-Sensitive Tape for Packaging, Filament- Reinforced^{1,2}

This standard is issued under the fixed designation D 5330/D 5330M; 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 (€) indicates an editorial change since the last revision or reapproval.

€¹ NOTE—16.1 was corrected editorially in March 1998.

1. Scope

1.1 This specification covers filament-reinforced, pressure-sensitive adhesive tape.

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 may not be exact equivalents; therefore each system must be used independently of the other, without combining values in any way.

1.3 The following precautionary caveat pertains only to the test methods portion, Section 14, of this specification: *This standard does not purport to address all of the safety problems, 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:

- D 996 Terminology of Packaging and Distribution Environments³
- D 1974 Practice for Methods of Closing, Sealing, and Reinforcing of Fiberboard Shipping Containers³
- D 3330 Test Method for Peel Adhesion of Pressure-Sensitive Tape at 180-deg Angle³
- D 3330M Test Methods for Peel Adhesion of Pressure-Sensitive Tape at 180-deg Angle [Metric]³
- D 3611 Practice for Accelerated Aging of Pressure-Sensitive Tapes³
- D 3652 Test Method for Thickness of Pressure-Sensitive and Gummed Tapes³
- D 3652M Test Method for Thickness of Pressure-Sensitive and Gummed Tapes [Metric]³

D 3654 Test Method for Holding Power of Pressure-Sensitive Tapes³

D 3654M Test Method for Holding Power of Pressure-Sensitive Tapes [Metric]³

D 3715 Practice for Quality Assurance of Pressure-Sensitive Tapes³

D 3715M Practice for Quality Assurance of Pressure-Sensitive Tapes [Metric]³

D 3759 Test Method for Tensile Strength and Elongation of Pressure-Sensitive Tapes³

D 3759M Test Method for Tensile Strength and Elongation of Pressure-Sensitive Tapes [Metric]³

D 3815 Practice for Accelerated Aging of Pressure-Sensitive Tapes by Carbon-Arc Exposure Apparatus³

D 3815M Practice for Accelerated Aging of Pressure-Sensitive Tapes by Carbon-Arc Exposure Apparatus [Metric]³

D 3889 Test Method for Adherence to Fiberboard of Pressure-Sensitive Tape at Low Temperature³

D 3889M Test Method for Adherence to Fiberboard of Pressure-Sensitive Tape at Low Temperature [Metric]³

D 3951 Practice for Commercial Packaging³

D 4332 Practice for Conditioning Containers, Packages, or Packaging Components for Testing³

D 4727/D4727M Specification for Corrugated and Solid Fiberboard Sheet Stock (Container Grade) and Cut Shapes³

2.2 Federal Specifications:

PPP-T-97 Tape, Packaging/Industrial, Filament Reinforced⁴

PPP-T-680 Tape, Pressure-Sensitive Adhesive: Packaging and Packing of⁴

2.3 ISO Standard:

ISO 9002 Quality Systems Model for Quality Assurance in Production and Installation⁵

¹ This specification is under the jurisdiction of ASTM Committee D-10 on Packaging and is the direct responsibility of Subcommittee D10.14 on Closure and Reinforcement.

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² This specification is intended to replace Federal Specification PPP-T-97. Types are the same in both specifications.

³ Annual Book of ASTM Standards, Vol 15.09.

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

⁵ Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.