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ASTM International Technical Committee D10 on Packaging

SCOPE

The scope of the Committee shall include the development of standards for transport and distribution packaging and the promotion of research in this field. The committee's focus includes materials, design, package construction, processes, cushioning methods, testing, and packaged products that are acceptable for storage, handling, stacking, containment and transport.

The committee shall develop standards related to:

- **2.1.1** The performance of transport containers, pallets and crates.
- **2.1.2** The performance of packaging materials such as tapes, cushioning, strapping, stretch wrap and labels.
- 2.1.3 Package distribution and handling
- **2.1.4** The measurement of the transport packaging and distribution environment.
- 2.1.5 The reuse, recycling, and disposal of materials related to packaging (sustainability).
- 2.1.6 Performance testing of hazardous materials (dangerous goods) packaging
- **2.2** Recognition shall be made of related national and international standards with the encouragement of full participation in those activities. Standards under the jurisdiction of other ASTM committees shall be used when applicable.

TECHNICAL SUBCOMMITTEES

- **D10.11** Terminology (definitions)
- **D10.12** Shipping Containers, Crates, Pallets, Skids and Related Structures
- D10.13 Interior Packaging
- **D10.14** Tape and Labels
- D10.18 Emerging Standards Related to Packaging
 - D10.18.01 Desiccant in Packaging
- **D10.19** Sustainability & Recycling
- **D10.21** Shipping Containers and Systems Application of Performance Test Methods
 - **D10.21.01** Task Group for D642
 - **D10.21.02** Task Group on D4169
 - **D10.21.03** Task Group on D1185
 - **D10.21.05** E-Commerce Task Group

QUICK FACTS

Established 1914

Number of Members 317

Number of Standards 111

Global Participation 24 Countries Represented

The standards are available in

Volume 15.10 in the Annual Book of ASTM Standards

Meetings D10 meets twice annually in April and October

STAFF MANAGER

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www.astm.org/committee-d10



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- D10.22 Hazardous Materials D10.25 Palletizing and Unitizing of Loads
- D10.27 Fiberboard Shipping Containers, Containerboard and Related Structures and Materials
- **D10.33** Aerosol Products
- D10.90 Executive
 - D10.90.01 Editorial, Statistics, and Metric Practice
 - **D10.90.02** Bylaws and Organization
 - **D10.90.03** Awards
 - D10.90.04 University Liaison
- **D10.94** Government Liaison

KEY DOCUMENTS

D4169 — Practice for Performance Testing of Shipping Containers and Systems

D4332 — Practice for Conditioning Containers, Packages, or Packaging Components for Testing

D3330 — Test Method for Peel Adhesion of Pressure-Sensitive Tape

D3951 — Practice for Commercial Packaging

D5276 — Test Method for Drop Test of Loaded Containers by Free Fall

D642 — Test Method for Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads

D999 — Test Methods for Vibration Testing of Shipping Containers



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