



Designation: D 6573/D 6573M – 00^{€1}

Standard Specification for General Purpose Wirebound Shipping Boxes¹

This standard is issued under the fixed designation D 6573/D 6573M; 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—Figure 3 was editorially corrected in March 2001.

1. Scope

1.1 This specification covers the fabrication of new wirebound general purpose (GP) panelboard (hereafter referred to as wirebound boxes) shipping boxes intended for use as containers for domestic and overseas shipment of general materials and supplies, not exceeding 500 lb [226.8 kg] for class 1 domestic, 400 lb [181.4 kg] for Class 2 overseas shipments or 300 lb [136.0 kg] for Class 3 extreme distribution hazard conditions or military contingency purposes.

1.2 Wirebound box performance is dependent on its fabricated components; therefore, a variety of types, classes, styles, and treatments reflecting varied performance are specified. This specification does not cover wirebound box performance under all atmosphere, handling, shipping, and storage conditions. Wirebound boxes in compliance with Hazardous Material Modal Regulations or United States Code of Federal Regulations (CFRs) are found in the Supplementary Requirements.

1.3 The use of other construction methods or techniques are acceptable and shall be permitted, provided the resulting packaging systems are of equal or better performance than would result from the use of these specified materials and procedures. The appropriate Practice D 4169 distribution cycle(s) can be used to develop comparative procedures and criteria.

1.4 *Units*—The values stated in inch-pound units are to be regarded as standard. The SI values given in brackets are mathematical. The values stated in each system are not exact equivalents; therefore, each system must be used independently of the other. Combining values from the two systems may result in non-conformance with the standard. See IEEE/SI 10 for conversion of units.

1.5 *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 appro-*

priate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 ASTM Standards:

- A 641 Specification for Zinc-Coated Galvanized Carbon Steel Wire²
- A 777 Specification for Galvanized Round Steel Tying Wire³
- A 809 Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire²
- A 818 Specification for Coppered Carbon Steel Wire²
- D 996 Terminology of Packaging and Distribution Environments⁴
- D 1990 Practice for Establishing Allowable Properties for Visual-Graded Dimension, Lumber from In-Grade Tests of Full-Size Specimens⁵
- D 3950 Specification for Strapping, Nonmetallic (and Joining Methods)⁴
- D 3951 Practice for Commercial Packaging⁴
- D 3953 Specification for Strapping, Flat Steel and Seals⁴
- D 4169 Practice for Performance Testing of Shipping Containers and Systems⁴
- D 6199 Practice for Quality of Wood Members of Containers and Pallets⁴
- D 6254/D 6254M Specification for Wirebound Pallet-Type Wood Boxes⁴
- F 1667 Specification for Driven Fasteners: Nails, Spikes and Staples⁶
- IEEE/ASTM SI 10 Standard for Use of the International System of Units (SI) (the Modern Metric System)⁷

2.2 Federal Specification:

² Annual Book of ASTM Standards, Vol 01.06.

³ Discontinued. See 1995 Annual Book of ASTM Standards, Vol 01.06.

⁴ Annual Book of ASTM Standards, Vol 15.09.

⁵ Annual Book of ASTM Standards, Vol 04.10.

⁶ Annual Book of ASTM Standards, Vol 15.08.

⁷ Annual Book of ASTM Standards, Vol 14.02.

¹ This specification is under the jurisdiction of ASTM Committee D10 on Packaging and is the direct responsibility of Subcommittee D10.26 on Wooden Crates, Pallets, and Skids.

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