



Designation: D3892 – 15

Standard Practice for Packaging/Packing of Plastics¹

This standard is issued under the fixed designation D3892; 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.

This standard has been approved for use by agencies of the U.S. Department of Defense.

1. Scope*

1.1 This practice covers the packaging and packing of all thermoset and thermoplastic resins and fabricated shapes.

1.2 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

NOTE 1—There is no known ISO equivalent to this standard.

1.3 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*²

[D883 Terminology Relating to Plastics](#)

2.2 *Federal Standards:*

[Department of Transportation 19A, Title 49, Code of Federal Regulations, Section 178.190, Wooden Boxes—Glued, Plywood Cleated](#)³

[Department of Transportation 17H, Title 49, Code of Federal Regulations, Section 178.118, Steel Drums](#)³

¹ This practice is under the jurisdiction of ASTM Committee D20 on Plastics and is the direct responsibility of Subcommittee D20.15 on Thermoplastic Materials.

Current edition approved Sept. 1, 2015. Published September 2015. Originally approved in 1980. Last previous edition approved in 2009 as D3892 - 93 (2009). DOI: 10.1520/D3892-15.

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 U.S. Government Printing Office Superintendent of Documents, 732 N. Capitol St., NW, Mail Stop: SDE, Washington, DC 20401, <http://www.access.gpo.gov>.

2.3 *Other Standards:*

[National Motor Freight Classification](#)⁴

[Uniform Freight Classification Rules](#)⁵

3. Terminology

3.1 *Definitions*—For definitions of technical terms used in this practice pertaining to plastics, see Terminology [D883](#).

4. Significance and Use

4.1 Packing and packaging provisions are outlined as needed for adequate transport of resins and finished products with a minimum of mishaps in shipment.

4.2 Commercial levels are included for all commercial and most federal and military shipments. Level A requirements are added for special military purchases only.

5. Procedure

5.1 *Examination of Preparation for Delivery*—Examine in accordance with [Table 1](#) to determine that packaging, packing, and marking comply with requirements specified in the contract or order. The sample unit for this examination shall be one shipping container fully prepared for delivery.

5.2 *Packaging*—Packaging shall be commercial or Level A, as specified.

5.2.1 *Commercial*—The material shall be packaged in accordance with normal commercial practice. The complete package shall be designed to ensure the item against damage during shipment, handling, and storage.

5.2.2 *Level A—For Military Procurement Only:*

5.2.2.1 *Sheets, Rods, Tubes, Pipes, Fittings, and Other Shapes*—Unless otherwise specified in the contract or order, individual fabricated shapes shall be packaged in such a

⁴ Available from American Trucking Assn., 1616 P Street, N.W., Washington, DC 20036.

⁵ Available from Railroad Freight Classification, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.

*A Summary of Changes section appears at the end of this standard