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

This standard is issued under the fixed designation D 642; 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.

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

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Note

—Footnote 8 was editorially corrected in February 2008.

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Scope

1.1 This test method covers compression tests on shipping containers (for example, boxes and drums) or components, or both. Shipping containers may be tested with or without contents. The procedure may be used for measuring the ability of the container to resist external compressive loads applied to its faces, to diagonally opposite edges, or to corners (