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## ASTM D4097 - 01 Standard Specification for Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks

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### Abbreviation

ASTM D4097 - 01

### Valid from

01/06/2001

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### Information provider

American Society of Testing and Materials

### Author

American Society for Testing and Materials

### Information type

ASTM Standard

### Format

PDF

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### Cited By

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### Description

This specification covers cylindrical tanks fabricated by contact molding for above-ground vertical installation, to contain aggressive chemicals at essentially atmospheric pressure, and made of a commercial-grade polyester or vinyl ester, resin. Included are requirements for materials, properties, design, construction, dimensions, tolerances, workmanship, and appearance.

### Scope

This specification does not cover the design of vessels intended for pressure above hydrostatic, vacuum conditions, except as classified herein, or vessels intended for use with liquids heated above their flash points.

The values given in parentheses are provided for information purposes only. Note 1 Special design consideration should be given to vessels subject to superimposed mechanical forces, such as earthquakes, wind load, or agitation, to vessels subject to service temperature in excess of 180 °F (82 °C), and to vessels with unsupported bottoms.

Note 2—There is no similar or equivalent ISO standard.

The following safety hazards caveat pertains only to the test method portion, Section 11, of this specification: 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 and health practices and determine the applicability of regulatory limitations prior to use.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Standard is referenced by AS/NZS 1546.1:2008 in regard to septic tanks.

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- [AS/NZS 1546.1:2008](#)

ASTM D4097 - 01 is cited by AS/NZS 1546.1:2008 On-site domestic wastewater treatment units: Septic tanks

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