



Designation: D-2925—95 (Reapproved 2000)^{€1} 2925 – 01

An American National Standard

Standard Test Method for Beam Deflection of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow¹

This standard is issued under the fixed designation D 2925; 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—Section 1.4 was editorially revised, and keywords were added in November 2000.

1. Scope*

1.1 This test method covers measurement of the deflection as a function of time of a specimen of fiberglass pipe supported on a flat non-arc'd support as a simple beam under full bore flow of water at elevated temperatures. Both glass-fiber-reinforced thermosetting-resin pipe (RTRP) and glass-fiber-reinforced-plastic polymer mortar pipe (RPMP) are fiberglass pipes.

NOTE 1—For the purposes of this standard, polymer does not include natural polymers.

1.2 This test method can be used to determine deflection at varying conditions by substituting other test media.

1.3 Deflections observed using this test method are representative only of piping supported as a simple beam under full bore flow which has one diameter of pipe overhanging at each support.

1.4 The values stated in SI units are to be regarded as the standard. The values given in parentheses are provided for information purposes only.

NOTE 12—There is no or equivalent ISO standard.

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

2. Referenced Documents

2.1 *ASTM Standards:*

C 33 Specification for Concrete Aggregates²

¹ This test method is under the jurisdiction of ASTM Committee D-20 on Plastics and is the direct responsibility of Subcommittee D20.23 on Reinforced Plastic Piping Systems.

Current edition approved Oct. 10, 1995, 2001. Published December 1995, August 2001. Originally published as D 2925 – 70. Last previous edition D 2925 – 95(2000).

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