



Designation: D 1599 – 99<sup>€1</sup>

An American National Standard

## Standard Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings<sup>1</sup>

This standard is issued under the fixed designation D 1599; 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.*

---

<sup>€1</sup> NOTE—Keywords were editorially added in November 2003.

---

### 1. Scope

1.1 This test method covers the determination of the resistance of either thermoplastic or reinforced thermosetting resin pipe, tubing, or fittings to hydraulic pressure in a short time period. Procedure A is used to determine burst pressure of a specimen if the mode of failure is to be determined. Procedure B is used to determine that a specimen complies with a minimum burst requirement.

1.2 This test method is suitable for establishing laboratory testing requirements for quality control purposes or for procurement specifications.

1.3 The values given in parentheses are provided for information purposes only.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of whoever uses this standard to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

### 2. Referenced Documents

2.1 *ASTM Standards:*

---

<sup>1</sup> This test method is under the jurisdiction of ASTM Committee F-17 on Plastic Piping Systems and is the direct responsibility of Subcommittee F17.40 on Test Methods. Current edition approved December 10, 1999. Published March 2000. Originally published as D 1599 – 62 T. Last previous edition D 1599 – 88 (1995).