

American Water Works Association

ANSI/AWWA C907-91

(First Edition)



AWWA STANDARD
FOR
POLYVINYL CHLORIDE (PVC)
PRESSURE FITTINGS FOR WATER—
4 IN. THROUGH 8 IN.
(100 mm THROUGH 200 mm)



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AMERICAN WATER WORKS ASSOCIATION

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Foreword

This foreword is for information only and is not a part of AWWA C907.

I. History of Standard. This is the first edition of AWWA Standard C907. In 1966, AWWA appointed Committee 8350-D to study and report on the adaptability of plastic pipe for use within the water industry. The committee presented its report on June 7, 1967, at AWWA's Annual Conference. The report included a recommendation that a task group be appointed to prepare standards for use of plastic materials. The AWWA Standards Committee on Thermoplastic Pressure Pipe was established in 1968. Following years of very productive work, the committee was dissolved in June 1988, to be replaced by two committees on plastic products: one for polyolefin and one for polyvinyl chloride (PVC) products. The AWWA Committee on PVC Pressure Pipe and Fittings, by whom this standard was prepared, was formed at that time.

II. Purpose and Application of Standard. The purpose of this standard is to establish minimum criteria for the manufacture of certain injection-molded PVC fittings intended for buried service in water distribution systems. The design of fittings and material selection, within the limits of this standard, is the responsibility of the manufacturer.

III. Information to Be Supplied by the Purchaser. When buying products covered by this standard, the purchaser's specifications must contain the following:

1. Standard to be used—that is, AWWA C907, Standard for Polyvinyl Chloride (PVC) Pressure Fittings for Water—4 In. Through 8 In. (100 mm Through 200 mm).
2. Fitting
 - (a) Nominal size, for example, 6 in. (150 mm); or, for tees, 6 in. × 6 in. × 4 in. (150 mm × 150 mm × 100 mm) where naming sequence is body size × body size × leg size.
 - (b) Configuration (for example, tee).
 - (c) Quantity of each size and configuration to be furnished.
3. When desired, requirements such as the following must be specified:
 - (a) Affidavit of compliance (Sec. 1.4).
 - (b) Request for notification of time and date for in-plant inspection (Sec. 4.5).

IV. Metrication. The tables in this standard provide measurements in both US customary units and metric equivalents. Throughout the body of the standard, metric equivalents (rounded off) are set in parentheses next to the US customary units.

V. Modification to Standard. Any modification of the provisions, definitions, or terminology in this standard must be provided in the purchaser's specifications.

VI. Acceptance. Government legislative and regulatory bodies at national and state or provincial levels promulgate rules that may control the use of products described in AWWA C907. AWWA does not obtain or provide information about all of the actual or proposed regulations in the many involved jurisdictions. The user of this standard is cautioned to determine that the use of products described in this

standard conforms to all applicable laws and regulations. Questions concerning laws and regulations should be referred to the appropriate regulatory agency.

Consensus standards have been developed for direct and indirect additives from products that come in contact with potable water. Manufactured products covered by AWWA C907 eventually may be required to be certified to meet those standards. Questions regarding additives should be referred to the appropriate state regulatory agency.

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