

ANSI/AWWA

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AWWA Standard

Fusion-Bonded Polyethylene Coatings for Steel Water Pipe and Fittings

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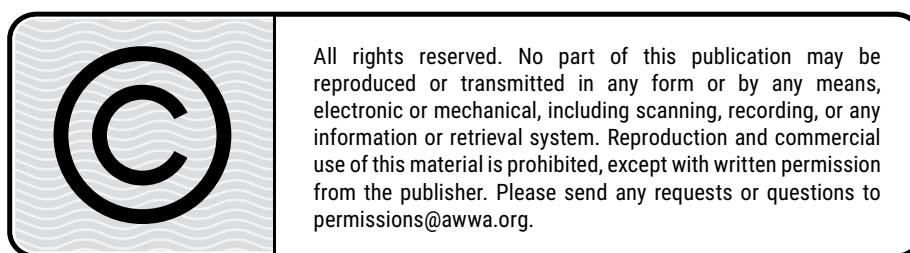
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Foreword

This foreword is for information only and is not a part of ANSI /AWWA C229.*

I. Introduction.

I.A. *Background.* This standard describes the minimum material and application requirements for fusion-bonded polyethylene (FBPE) coating to be factory applied to steel water pipes and fittings.

I.B. *History.* Fusion-bonded polyethylene pipe coatings were first applied to steel pipes in the 1960s in Europe. In 1972, FBPE was introduced to Australia, and in 1990 to South Africa. FBPE has been used as an external coating for water, oil, and gas pipelines. The coating system became available for use in the United States in 2006.

In March 2006, the AWWA Standards Council authorized the Steel Pipe Committee to develop a new standard for fusion-bonded polyethylene coating. The first edition of this standard was approved by the AWWA Board of Directors on June 8, 2008. The second edition was approved on Jan. 24, 2015. This edition was approved on April 20, 2020.

I.C. *Acceptance.* In May 1985, the US Environmental Protection Agency (USEPA) entered into a cooperative agreement with a consortium led by NSF International (NSF) to develop voluntary third-party consensus standards and a certification program for direct and indirect drinking water additives. Other members of the original consortium included the Water Research Foundation (formerly AwwaRF) and the Conference of State Health and Environmental Managers (COSHEM). The American Water Works Association (AWWA) and the Association of State Drinking Water Administrators (ASDWA) joined later.

In the United States, authority to regulate products for use in, or in contact with, drinking water rests with individual states.[†] Local agencies may choose to impose requirements more stringent than those required by the state. To evaluate the health effects of products and drinking water additives from such products, state and local agencies may use various references, including

1. Specific policies of the state or local agency.

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[†] Persons outside the United States should contact the appropriate authority having jurisdiction.