

# PE Pipe— Design and Installation

Second Edition



American Water Works  
Association

**M55**

# PE Pipe—Design and Installations

Second Edition



**American Water Works  
Association**

Manual of Water Supply Practices—M55, First Edition

## PE Pipe—Design and Installation

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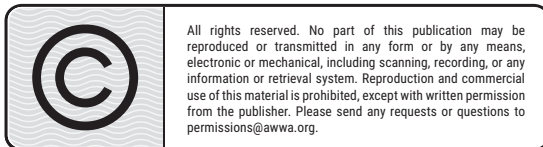
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## Preface



This is the second edition of AWWA M55, *PE Pipe—Design and Installation*. The manual provides the user with both technical and general information to aid in the design, specification, procurement, installation, and understanding of the high-density polyethylene (HDPE) pipe and fittings. It is a discussion of recommended practice, not an American Water Works Association (AWWA) standard calling for compliance with certain specifications. It is intended for use by utilities and municipalities of all sizes, whether as a reference book or textbook for those not fully familiar with HDPE pipe and fittings products. Municipal and consulting engineers may use this manual in preparing plans and specifications for new HDPE pipe projects.

The manual describes HDPE pipe and fittings products and certain appurtenances, and their applications to practical installations, whether of a standard or special nature. For adequate knowledge of these products, the entire manual needs to be studied. Readers will also find the manual a useful source of information for assistance with specific or unusual conditions. The manual contains a list of applicable national standards, which may be purchased from the respective standards organizations (e.g., AWWA, ASTM, etc.). Readers should use the latest editions of the standards that are referenced.

Credit is extended to The Plastics Pipe Institute, Inc. ([www.plasticpipe.org](http://www.plasticpipe.org)) for its contribution to the manual.