NSF International Standard /
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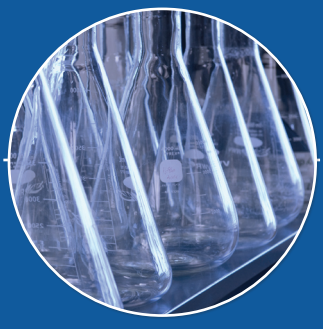
NSF/ANSI 14 - 2012

Plastics Piping System Components and Related Materials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NSF International Standard/
American National Standard
for Plastics —

Plastics piping system components and related materials

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NSF International

Designated as an ANSI Standard
March 10, 2013

American National Standards Institute

Prepared by
The NSF Joint Committee on Plastics

Recommended for adoption by
The NSF Council of Public Health Consultants

Adopted by
NSF International
October 1965

Revised February 1977
Revised November 1978
Revised November 1980
Revised November 1983
Revised November 1984
Revised November 1985
Revised August 1986
Revised October 1987
Revised December 1988
Revised November 1990
Revised September 1996
Revised November 1998
Revised December 1999
Revised February 2001
Revised January 2002
Revised January 2003
Revised September 2004
Revised August 2006
Revised March 2007
Revised May 2008
Revised December 2009
Revised April 2010
Revised April 2011
Revised February 2012
Revised March 2013

Published by

NSF International
PO Box 130140, Ann Arbor, Michigan 48113-0140, USA

For ordering copies or for making inquiries with regard to this Standard, please reference the designation "NSF/ANSI 14 – 2012."

Printed in the United States of America.

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Contents

Foreword[2]

The purpose of this Standard is to establish minimum physical, performance, and health effects requirements for plastics piping system components and related materials.

In this edition of NSF/ANSI 14, the following revisions have been incorporated:

Issue 45

This issue proposes the addition of a footnote to Table 10 to clarify the temperature requirements for the in-plant burst pressure test specific to PEX tubing.

Issue 46

This issue proposes to update the normative references under section 2 of NSF/ANSI 14.

Issue 47

This issue proposes to update Table 33 under NSF/ANSI 14 for PVC pressure pipe and fabricated fitting for water transmission and distribution to reflect QC requirements per AWWA C900 and AWWA C905.

This Standard was developed by the NSF Joint Committee on Plastics using the consensus process described in NSF Standards Development Policies and accredited by ANSI.

Suggestions for improvement of this Standard are welcome. Comments should be sent to Chair, Joint Committee on Plastics, c/o NSF International at standards@nsf.org, or Standards Department, PO Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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NSF/ANSI Standard
for Plastics —

Plastics piping system components and related materials

1 General

1.1 Purpose

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

1.2 Scope

The physical, performance, and health effects requirements in this Standard apply to thermoplastic and thermoset plastic piping system components, including but not limited to pipes, fittings, valves, joining materials, gaskets, and appurtenances. The established physical, performance, and health effects requirements also apply to materials (resin or blended compounds) and ingredients used to manufacture plastic piping system components. This Standard provides definitions and requirements for materials, ingredients, products, quality assurance, marking, and recordkeeping.

1.3 Materials, design, and construction

For plastic piping system components and materials cited by the references in 2, the materials, design, and construction requirements of this Standard and the applicable product standard(s) in 2 shall apply. When materials, designs, or constructions are utilized that are not cited in 2, the plastic piping system components and related materials shall comply with the applicable requirements of this Standard. Plastic piping system components and related materials that incorporate materials, designs, or constructions not cited in 2 are acceptable, provided that such plastic piping system components and related materials can be demonstrated to be at least equivalent in terms of strength, quality, effectiveness, durability, and safety to those that are cited in this Standard.

2 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions were valid. All of the documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. It is the responsibility of the user of this Standard to determine the acceptance of the referenced standards to the application and requirements of the local jurisdictions. The most recent published edition of the document shall be used for undated references.