

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

[Save](#)

[Resource detail](#)
[Citations](#)

AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications

[View on Information Provider website](#)

Abbreviation

AS/NZS 2642.2:2008

Amendment

A1 - incorporated.

Valid from

18/03/2008

Replaces

[AS/NZS 2642.2:1994](#)

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

[This resource is cited by 15 documents \(show Citations\)](#)

Cites

[This resource cites 12 documents \(show Citations\)](#)

Description

This Standard specifies materials, dimensions and performance requirements for polybutylene pipe for hot and cold water plumbing applications, including domestic, industrial and agricultural purposes.

In the interests of serviceability of the pipe, and irrespective of the calculated minimum wall thickness, this Standard does not apply to a wall thickness of less than 1.6 mm.

Scope

The Standard applies to pipes of pressure class PN16 up to 28 mm nominal outside diameter.

For assistance with locating previous versions, please contact the information provider.

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications

This document is CITED BY:

- [G12/AS1 \(Third Edition, Amendment 10\)](#)
AS/NZS 2642.2:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011
- [G12/AS1 \(Third Edition, Amendment 8\)](#)
AS/NZS 2642.2:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011
- [G12/AS1 \(Third Edition, Amendment 11\)](#)
AS/NZS 2642.2:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011
- [G12/AS1 \(Third Edition, Amendment 12\)](#)
AS/NZS 2642.2:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011
- [G12/AS1 \(Third Edition, Amendment 9\)](#)
AS/NZS 2642.2:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011
- [G14/VM1 \(Second Edition, Amendment 6\)](#)
AS/NZS 2642.2:2008 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 10/10/2011
- [G14/VM1 \(Second Edition, Amendment 5\)](#)
AS/NZS 2642.2:2008 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 10/10/2011
- [G14/VM1 \(Second Edition, Amendment 4\)](#)
AS/NZS 2642.2:2008 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 10/10/2011
- [AS/NZS 2642.3:2008](#)
AS/NZS 2642.2:2008 is cited by AS/NZS 2642.3:2008 Polybutylene pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications
- [AS/NZS 3500.1:2015](#)
AS/NZS 2642.2:2008 is cited by AS/NZS 3500.1:2015 Plumbing and drainage - Part 1: Water services
- [AS/NZS 3500.1:2018](#)
AS/NZS 2642.2:2008 is cited by AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services
- [AS/NZS 3500.4:2015](#)
AS/NZS 2642.2:2008 is cited by AS/NZS 3500.4:2015 Plumbing and drainage - Heated water services
- [AS/NZS 3500.4:2018](#)
AS/NZS 2642.2:2008 is cited by AS/NZS 3500.4:2018 Plumbing and drainage Part 4: Heated water services
- [NZS 4515:2009](#)

AS/NZS 2642.2:2008 is cited by NZS 4515:2009 Fire sprinkler systems for life safety in sleeping occupancies (up to 2000 square metres)

- [NZS 4541:2013](#)

AS/NZS 2642.2:2008 is cited by NZS 4541:2013 Automatic fire sprinkler systems

Back

AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This Standard specifies materials, dimensions and performance requirements for polybutylene pipe for hot and cold water plumbing applications, including domestic, industrial and agricultural purposes.

In the interests of serviceability of the pipe, and irrespective of the calculated minimum wall thickness, this Standard does not apply to a wall thickness of less than 1.6 mm.

[View on Information Provider website](#)

[AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene \(PB\) pipe for hot and cold water applications](#)

Description

This Standard specifies materials, dimensions and performance requirements for polybutylene pipe for hot and cold water plumbing applications, including domestic, industrial and agricultural purposes.

In the interests of serviceability of the pipe, and irrespective of the calculated minimum wall thickness, this Standard does not apply to a wall thickness of less than 1.6 mm.

[View on Information Provider website](#)

This resource cites:

AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications

This document CITES:

New Zealand Standards

- [AS/NZS 1462.14:1996](#)

AS/NZS 2642.2:2008 cites AS/NZS 1462.14:1996 (R2017) Methods of test for plastics pipes and fittings - Method 14: Method for determination of the light transmission of pipe

- [AS/NZS 1462.1:2006](#)

AS/NZS 2642.2:2008 cites AS/NZS 1462.1:2006 Methods of test for plastics pipes and fittings - Method 1: Method for determining the dimensions of pipes and fittings

- [AS/NZS 1462.29:2006](#)

AS/NZS 2642.2:2008 cites AS/NZS 1462.29:2006 Methods of test for plastics pipes and fittings - Method 29: Plastics piping and ducting systems - Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation

- [AS/NZS 1462.6:2008](#)

AS/NZS 2642.2:2008 cites AS/NZS 1462.6:2008 (R2017) Methods of test for plastics pipes and fittings - Method 6: Thermoplastics pipes, fittings and assemblies for the transport of fluids under pressure - Resistance to internal pressure

- [AS/NZS 2642.1:2007](#)

AS/NZS 2642.2:2008 cites AS/NZS 2642.1:2007 Polybutylene pipe systems - Polybutylene (PB) pipe extrusion compounds

- [AS/NZS 3500.0:2003](#)

AS/NZS 2642.2:2008 cites AS/NZS 3500.0:2003 Plumbing and drainage - Glossary of terms

- [AS/NZS 4020:2005](#)

AS/NZS 2642.2:2008 cites AS/NZS 4020:2005 Testing of products for use in contact with drinking water

- [AS/NZS 4131:2003](#)

AS/NZS 2642.2:2008 cites AS/NZS 4131:2003 Polyethylene (PE) compounds for pressure pipes and fittings

- [SANZ/SAA HB 18.28:1991](#)

AS/NZS 2642.2:2008 cites SANZ/SAA HB 18.28:1991 Guidelines for third-party certification and accreditation - Guide 28 - General rules for a model third-party certification system for products

Australian Standards

- [AS 1199.1-2003 \(R2016\)](#)

AS/NZS 2642.2:2008 cites AS 1199.1-2003 (R2016) Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

Other

- [HB 18.28-2005](#)

AS/NZS 2642.2:2008 cites HB 18.28-2005 Conformity assessment - Guidance on a third-party certification system for products

- [ISO 9080:2003](#)

AS/NZS 2642.2:2008 cites ISO 9080:2003 Plastics piping and ducting systems - Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation

Back

Close

Table of Contents

1 Scope

2 Application

3 Referenced Documents

4 Definitions

5 Hoop Stress

6 Classification

7 Working Pressure According To Temperature Rating

8 Compound

8.1 Pipe

8.2 Colour

9 General Requirements

9.1 Diameter And Wall Thickness

9.2 Length

9.3 Freedom From Defects

9.4 Toxicity And Effect On Water

9.5 Light Transmittance

10 Performance Requirements

10.1 General

10.2 Long-Term Pressure Test

10.3 Short-Term Pressure Test

11 Packaging

12 Marking

Appendix A - Means Of Demonstrating Compliance With This Standard

[Save](#)

[Feedback](#)

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Feedback](#)