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# AS/NZS 2642.3:2008 Polybutylene pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications

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Abbreviation  
 AS/NZS 2642.3:2008  
 Amendment  
 A1 - incorporated.  
 Valid from  
 18/03/2008  
 Replaces  
[AS/NZS 2642.3:1994](#)

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Information provider  
 Standards New Zealand  
 Author  
 Standards New Zealand, Standards Australia  
 Information type  
 New Zealand Standard  
 Format  
 PDF

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Description

This Standard provides manufacturers and purchasers with a standard specification for mechanical jointing fittings suitable for use as fixed joints with polybutylene plumbing pipes manufactured in accordance with AS/NZS 2642.2.

Scope

This Standard specifies requirements for mechanical jointing fittings suitable for use as fixed joints with polybutylene plumbing pipes manufactured in accordance with AS/NZS 2642.2.

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

This resource 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**

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- [G12/AS1 \(Third Edition, Amendment 10\)](#)

AS/NZS 2642.3:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011

- [G12/AS1 \(Third Edition, Amendment 12\)](#)

AS/NZS 2642.3:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011

- [G12/AS1 \(Third Edition, Amendment 9\)](#)

AS/NZS 2642.3:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011

- [G12/AS1 \(Third Edition, Amendment 8\)](#)

AS/NZS 2642.3:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011

- [G12/AS1 \(Third Edition, Amendment 11\)](#)

AS/NZS 2642.3:2008 is cited by Acceptable Solution G12/AS1: Water Supplies from 10/10/2011

- [G14/VM1 \(Second Edition, Amendment 5\)](#)

AS/NZS 2642.3:2008 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 10/10/2011

- [G14/VM1 \(Second Edition, Amendment 4\)](#)

AS/NZS 2642.3:2008 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 10/10/2011

- [G14/VM1 \(Second Edition, Amendment 6\)](#)

AS/NZS 2642.3:2008 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 10/10/2011

- [AS/NZS 3500.1:2015](#)

AS/NZS 2642.3:2008 is cited by AS/NZS 3500.1:2015 Plumbing and drainage - Part 1: Water services

- [AS/NZS 3500.1:2018](#)

AS/NZS 2642.3:2008 is cited by AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services

- [AS/NZS 3500.4:2015](#)

AS/NZS 2642.3:2008 is cited by AS/NZS 3500.4:2015 Plumbing and drainage - Heated water services

- [AS/NZS 3500.4:2018](#)

AS/NZS 2642.3:2008 is cited by AS/NZS 3500.4:2018 Plumbing and drainage Part 4: Heated water services

- [NZS 4515:2009](#)

AS/NZS 2642.3:2008 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 2642.3:2008 is cited by NZS 4541:2013 Automatic fire sprinkler systems

# AS/NZS 2642.3:2008 Polybutylene pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications

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## Description

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## Description

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## New Zealand Standards

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

AS/NZS 2642.3:2008 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 2642.3:2008 cites AS/NZS 2642.1:2007 Polybutylene pipe systems - Polybutylene (PB) pipe extrusion compounds

- [AS/NZS 2642.2:2008](#)

AS/NZS 2642.3:2008 cites AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications

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

AS/NZS 2642.3:2008 cites AS/NZS 3500.0:2003 Plumbing and drainage - Glossary of terms

- [AS/NZS 3707:2001](#)

AS/NZS 2642.3:2008 cites AS/NZS 3707:2001 (R2017) Method for testing pressure cycling resistance of pipes and fittings

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

AS/NZS 2642.3:2008 cites AS/NZS 4020:2005 Testing of products for use in contact with drinking water

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

AS/NZS 2642.3:2008 cites AS/NZS 4131:2003 Polyethylene (PE) compounds for pressure pipes and fittings

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

#### Australian Standards

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

AS/NZS 2642.3:2008 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

- [AS 1349-1986](#)

AS/NZS 2642.3:2008 cites AS 1349-1986 (R2018) Bourdon tube pressure and vacuum gauges

- [AS 2345-2006 \(R2016\)](#)

AS/NZS 2642.3:2008 cites AS 2345-2006 (R2016) Dezincification resistance of copper alloys

- [AS 3688:2005](#)

AS/NZS 2642.3:2008 cites AS 3688:2005 Water supply - Metallic fittings and end connectors

#### Other

- [HB 18.28-2005](#)

AS/NZS 2642.3:2008 cites HB 18.28-2005 Conformity assessment - Guidance on a third-party certification system for products

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