

Australian/New Zealand Standard™

**Polybutylene (PB) plumbing pipe
systems**

**Part 3: Mechanical jointing fittings for
use with polybutylene (PB) pipes for hot
and cold water applications**



AS/NZS 2642.3:2008

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee PL-006, Polyolefin Pipe Systems. It was approved on behalf of the Council of Standards Australia on 31 January 2008 and on behalf of the Council of Standards New Zealand on 22 February 2008.

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The following are represented on Committee PL-006:

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CSIRO Manufacturing & Infrastructure Technology
Certification Interests (Australia)
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PREFACE

This Standard was prepared by the Joint Australian/New Zealand Standards Committee PL-006, Polyolefin Pipe Systems, to supersede AS/NZS 2642.3:1994, *Polybutylene pipe systems, Part 3: Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications*. The Standard is Part 3 of a series of polybutylene pipe system Standards; other Standards in the series are as follows:

AS/NZS

- 2642 Polybutylene (PB) plumbing pipe systems
- 2642.1 Part 1: Polybutylene (PB) pipe extrusion compounds
- 2642.2 Part 2: Polybutylene (PB) pipe for hot and cold water applications

This Standard incorporates Amendment No. 1 (November 2018). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide 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.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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1 SCOPE

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

2 APPLICATION

Means for demonstrating compliance with this Standard shall be in accordance with Appendix A.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1199 Sampling procedures for inspection by attributes
- 1199.1 Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
- 1349 Bourdon tube pressure and vacuum gauges
- 2345 Dezincification resistance of copper alloys
- 3688 Water supply—Metallic fittings and end connectors
- HB 18.28 Conformity assessment—Guidance on a third-party certification system for products

A1

AS ISO/IEC

- 17025 General requirements for the competence of testing and calibration laboratories

AS/NZS

- 1462 Methods of test for plastics pipes and fittings
- 1462.6 Method 6: Method for hydrostatic pressure testing of pipes
- 2642 Polybutylene (PB) plumbing pipe systems
- 2642.1 Part 1: Polybutylene (PB) pipe extrusion compounds
- 2642.2 Part 2: Polybutylene (PB) pipe for hot and cold water applications
- 3500 Plumbing and drainage
- 3500.0 Part 0: Glossary of terms
- 3707 Method for testing pressure cycling resistance of pipes and fittings
- 4020 Testing of products for use in contact with drinking water
- 4131 Polyethylene (PE) compounds for pressure pipes and fittings

SANZ

- HB 18.28 Guide 28: General rules for a model third-party certification system for products