

AS/NZS 4129:2000
(Incorporating Amendments No. 1, 2 and 3)

Australian/New Zealand Standard™

**Fittings for polyethylene (PE) pipes for
pressure applications**



AS/NZS 4129:2000

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 21 January 2000 and on behalf of the Council of Standards New Zealand on 22 February 2000.

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The following are represented on Committee PL-006:

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AUSTAP
Australian Association of Certification Bodies
Australian Chamber of Commerce and Industry
Australian Gas Association
CSIRO Building, Construction and Engineering
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committees PL/6, Polyolefin Pipe Systems.

This Standard incorporates Amendment No. 1 (December 2001), Amendment No. 2 (November 2002) and Amendment 3 (November 2005). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The fittings covered in this Standard are for use with polyethylene (PE) pipe specified in AS/NZS 4130, *Polyethylene (PE) pipes for pressure applications* and AS 2698.2, *Plastics pipes and fittings for irrigation and rural applications, Part 2: Polyethylene rural pipe*. AS 1460—1989, *Fittings for use with polyethylene pipes, Part 1: Mechanical jointing fittings*, and Part 2: *Electrofusion fittings*, are withdrawn.

This Standard follows the classification structure for pipes adopted by ISO (Renard 10 Series) excepting for Class Rural Mechanical Compression fittings.

This Standard is structured into the following four Sections:

- Section 1 General requirements and test methods
- Section 2 Mechanical compression joint fittings
- Section 3 Electrofusion fittings
- Section 4 Mechanical tapping saddles

Section 1 has adopted ISO test methods where possible. Sections 1 and 2 are largely based on ISO 14236, *Mechanical joint compression fittings for use with polyethylene pressure pipes in water supply systems*.

Section 3 is based largely on pr EN 12201-3, *Plastics piping system for water supply—Polyethylene (PE) Part 3: Fittings, performance criteria and test methods*.

Section 4 is based on ISO 13460, *Agricultural irrigation equipment—Plastics saddles for polyethylene pressure pipes*, with alterations making it applicable to all PE pressure ratings and to include metal tapping saddles.

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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