

**AS/NZS 4129(Int):1997
(Expires 5 July 1999)**

**Interim
Australian/New Zealand Standard[®]**

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

AS/NZS 4129(Int):1997

This Interim Joint Australian/New Zealand Standard was prepared by Joint Technical Committees PL/6, Polyethylene Pipe, and PL/25, Plastics Pipe and Fittings for Gas. It was approved on behalf of the Council of Standards Australia on 16 May 1997 and on behalf of the Council of Standards New Zealand on 16 May 1997. It was published on 5 July 1997.

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PREFACE

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand Committees PL/6, Polyethylene Pipe Systems, and PL/25, Plastics Pipes and Fittings for Gas.

The fitting covered in this Standard are for polyethylene (PE) pipe specified in AS/NZS 4130, *Polyethylene (PE) pipes for pressure applications*. The Interim Standard will exist in parallel with AS 1460—1989, *Fittings for use with polyethylene pipes*, Part 1: *Mechanical jointing fittings*, and Part 2: *Electrofusion fittings*, however, it is intended that when the Interim Standard becomes a full Australian/New Zealand Standard, AS 1460—1989 will be withdrawn.

This edition is based largely on document PIA 14600 (Issue 1), *Fittings for use with Polyethylene pipes*, and has been written following the new classification structure for pipes adopted by ISO (Renard 10 Series).

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/DIS 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/DIS 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.

Additional Sections are proposed; for example butt welding fittings.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

Standards Australia/Standards New Zealand invites comment on this Interim Standard from persons and organizations concerned with this subject. The date of expiry for comment is 2 years after publication at which time this Interim Standard will either be confirmed, withdrawn or revised in the light of public comment.

During the life of this document the Committee will monitor all comment as it is received.

Attention is drawn to the fact that this document is an Interim Australian/New Zealand Standard and should be regarded as a developmental Standard liable to future alteration.

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