

Australian Standard[®]

**Polyethylene/aluminium and
cross-linked polyethylene/
aluminium macro-composite pipe
systems for pressure applications**

This Australian Standard was prepared by Committee PL/6, Polyethylene Pipe. It was approved on behalf of the Council of Standards Australia on 16 November 1993 and published on 17 January 1994.

The following interests are represented on Committee PL/6:

Australian Chamber of Commerce and Industry
Brisbane City Council
Engineering and Water Supply Department, S.A.
Hunter Water Corporation
Melbourne Water
Public Works Department, N.S.W.
Rural Water Corporation, Vic.
The Plastics Industry Association
Water Authority of Western Australia
Water Board, Sydney—Illawarra—Blue Mountains
Water Resources Commission Queensland

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Aluminium Development Council
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PREFACE

This Standard was prepared by the Joint Australia/New Zealand Standards Committee PL/6, on Polyethylene Pipe, under the direction of the Building Standards Policy Board.

The following documents were considered during the preparation of this Standard:

ASTM

F1281—90 Crosslinked Polyethylene/Aluminium/Crosslinked Polyethylene (PEX-AL-PEX) pressure pipe

F1282—90 Polyethylene/Aluminium/Polyethylene (PE-AL-PE) composite pressure pipe

The Committee decided to use the terminology macro-composite to better describe the pipe structure. The term 'macro' reflects the three separate component layers working together in the pipe wall as opposed to the more common fibre-reinforced composite pipe structures.

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.

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