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AS/NZS 1477:2017
(Incorporating Amendment No. 1)

STANDARDS NEW ZEALAND
TE MANA TAUTIKANGA O AOTEAROA

STANDARDS Australia

Australian/New Zealand Standard™

PVC pipes and fittings for pressure applications

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AS/NZS 1477:2017

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Association of Accredited Certification Bodies
Australian Chamber of Commerce and Industry
Chemistry Australia
Energy Networks Association
Engineers Australia
Local Government New Zealand
New Zealand Employers and Manufacturers Association (Central)
National Plumbing Regulators Forum
Plastics Industry Pipe Association of Australia
Plastics New Zealand
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Water Services Association of Australia

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Australian/New Zealand Standard™

PVC pipes and fittings for pressure applications

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee PL-021, PVC, ABS and Polyamide Pipe Systems, to supersede AS/NZS 1477:2006.

[A1⟩ This Standard incorporates Amendment No. 1 (June 2024). The start and end of changes introduced by the Amendment are indicated in the text by tags including the Amendment number 1. ⟨A1]

The objective of this Standard is to provide a standard specification for manufacturers and purchasers of PVC pipe and fittings for pressure applications.

This Standard provides for injection-moulded fittings with main diameters greater than DN 150 with parallel solvent-welded sockets. These fittings are predominantly imported fittings and have no specific requirements for colour or titanium dioxide to provide UV protection.

Additional marking requirements have been specified for these fittings to highlight the parallel sockets, the need for gap-filling solvent cements and additional UV protection when used outdoors.

The test criteria specified in this Standard apply to pipes and fittings at the time of manufacture. They are not to be used to assess the results from tests on pipes or fittings that have already been in service.

[A1⟩ AS/NZS 5395 ⟨A1] sets out the provisions for best environmental practice PVC for PVC-U pressure pipe. These provisions are in accordance with the credit criteria established by the Green Building Council of Australia in their Green Star rating program.

[A1⟩ [Text deleted.] ⟨A1]

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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