

**AS/NZS 1260:2017**  
(Incorporating Amendment No. 1)



Australian/New Zealand Standard™

# **PVC-U pipes and fittings for drain, waste and vent applications**



## AS/NZS 1260:2017

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee PL-021, PVC, ABS and Polyamide Pipe Systems. It was approved on behalf of the Council of Standards Australia on 22 March 2017 and by the New Zealand Standards Approval Board on 5 April 2017.

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The following are represented on Committee PL-021:

- 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)
- Plastics Industry Pipe Association of Australia
- Plastics New Zealand
- Water New Zealand
- Water Services Association of Australia

This Standard was issued in draft form for comment as DR AS/NZS 1260:2016.

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Australian/New Zealand Standard™

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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 1260:2009.

**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 outline minimum requirements for the manufacture and performance of PVC-U pipes and fittings for non-pressure drain, waste and vent (DWV) applications for use by manufacturers, specifiers and purchasers of such products.

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

For pipes of nominal diameter up to and including 80 mm, the pipes are specified solely in terms of the materials used and dimensions. There is no pipe stiffness requirement regardless of pipe type, as the stiffness of pipes in this size range is considerably higher than the minimum values used for larger pipes. By continuing to specify in terms of dimensions, the Standard ensures that existing installation practices, for example, the spacing between supports on near horizontal runs, can continue to be used. Most pipes installed above ground are in this size range.

Pipes of nominal size of 100 mm and above are specified in terms of minimum stiffness. Sufficient dimensional information is provided to ensure compatible joints and resistance to abrasion.

Pipes are specified in terms of stiffness classes measured in a standard test. The classes are not exactly the same as the earlier classification scheme (Class SH and Class SEH) but are similar. Classes SN4 and SN6 are suggested for plumbing and domestic use and for general municipal drainage.

Classes SN8 and SN10 are suggested for general municipal drainage and installations where higher pipe stiffness is required to minimize deflection of the installed pipes due to the load imposed by the backfill or surcharge or to poor installation practice.

Stiffness Class SN16 has been included in response to a request from New Zealand users who previously specified Class SEH-C for applications where heavy loads, for example, traffic loads, acted on buried pipes. Australian Standards for sewer and drainage pipes have not included a pipe of similar stiffness in the past and Australian manufacturers may not have DWV pipes of this class generally available.

It should be noted that, by convention, plastics pipe systems are often designed on the basis of 50 years extrapolated test data. This is established international practice but is not intended to imply the service life of drainage pipes is limited to 50 years. For correctly manufactured and installed systems, the actual life cannot be predicted, but can logically be expected to be well in excess of 100 years before major rehabilitation is required.

**A1** AS/NZS 5395 **A1** sets out the provisions for best environmental practice PVC for drain, waste and vent applications. 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**

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.

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

# Contents

<b>Preface</b>	<b>ii</b>
<b>Section 1 Scope and general</b>	<b>1</b>
1.1 Scope	1
1.2 Application	1
1.3 Normative references	1
1.4 Definitions	3
1.5 Ring bending stiffness	4
1.6 Notation	5
1.7 Classification	6
<b>Section 2 General requirements</b>	<b>7</b>
2.1 General	7
2.2 Composition	7
2.3 Colour	7
2.4 Freedom from defects	7
2.4.1 General	7
2.4.2 Spigot ends	8
2.5 Requirements for elastomeric seals	8
2.6 Solvent cements	8
2.7 Packaging, storage and transportation	8
2.8 Additional requirements for best environmental practice PVC pipes and fittings	8
<b>Section 3 Performance requirements</b>	<b>9</b>
3.1 General	9
3.2 Tests on pipes	9
3.2.1 Pipe impact characteristics at 20°C	9
3.2.2 Reversion (for plain wall pipes only)	9
3.2.3 Bond strength (for hollow profile wall pipes only)	9
3.2.4 Pipe stiffness	9
3.2.5 Ring flexibility test (for structured wall pipes only)	10
3.2.6 Softening temperature (Vicat test)	10
3.2.7 Elevated temperature cycling test on structured wall pipes (applicable up to and including size DN 80)	10
3.3 Tests on moulded and fabricated fittings	10
3.3.1 Hydrostatic pressure test (applicable only to fittings with inspection or access openings and to fabricated fittings)	10
3.3.2 Hydrostatic pressure test (applicable to pan connectors)	10
3.3.3 Liquid infiltration test (applicable only to fittings with inspection or test openings)	10
3.3.4 High temperature stress relief test (applicable only to injection-moulded fittings)	11
3.3.5 Softening temperature (Vicat test)	11
3.3.6 Stiffness (for structured and hollow profile wall fittings only)	11
3.3.7 Elevated temperature cycling test on structured wall fittings (applicable up to and including size DN 80)	11
3.4 Tests on elastomeric seal joints	11
3.4.1 General	11
3.4.2 Hydrostatic pressure test	11
3.4.3 Liquid infiltration test	11
3.4.4 Contact width and pressure	12
3.5 Additional tests on pipe and fittings containing recycled unplasticized PVC	12
3.5.1 Flattening test	12
3.5.2 Pipe high temperature test (not applicable to intermediate layers of pipes of sandwich construction)	12
<b>Section 4 Pipes</b>	<b>13</b>

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