



**Solvent cements and priming fluids for  
PVC (PVC-U and PVC-M) and ABS and  
ASA pipes and fittings**

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This Australian Standard® was prepared by Committee PL-021, PVC, ABS and Polyamide Pipe Systems. It was approved on behalf of the Council of Standards Australia on 15 November 2011.

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  - New Zealand Water and Waste Association
  - Plastics Industry Pipe Association of Australia
  - Plastics New Zealand
  - Water Services Association of Australia
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This Standard was issued in draft form for comment as DR AS/NZS 3879.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard®

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PVC (PVC-U and PVC-M) and ABS and  
ASA pipes and fittings**

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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 3879:2006, *Solvent cements and priming fluids for PVC (PVC-U and PVC-M) and ABS pipes and fittings*.

*This Standard incorporates Amendment No. 1 (December 2018). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

A1 | Amendment No. 1 to this Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee PL-021, PVC, ABS and Polyamide Pipe Systems. As a consequence of Amendment No. 1 which is published as an Australian-only amendment, the designation of this Standard has been changed from AS/NZS 3879:2011 to AS 3879:2011.

The objective of this revision is to include the jointing of ABS and ASA fittings to PVC pipes in non-pressure drainage applications.

In this edition the scope has been widened to include jointing of ABS and ASA fittings to PVC pipes in non-pressure drainage applications.

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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## STANDARDS AUSTRALIA

## Australian Standard

**Solvent cements and priming fluids for PVC (PVC-U and PVC-M) and ABS and ASA pipes and fittings****1 SCOPE**

This Standard specifies requirements for solvent cements and priming fluids used in the jointing of—

- (a) tapered/interference and parallel/no or low interference fit polyvinyl chloride (PVC-U and PVC-M) pressure and non-pressure piping systems;
- (b) acrylonitrile butadiene styrene (ABS) pressure and non-pressure piping systems; and
- (c) ABS and acrylonitrile styrene acrylate (ASA) fittings for non-pressure drainage applications with PVC-U pipes.

**2 APPLICATION**

Solvent cements and priming fluids made in accordance with this Standard are intended for use with pipes, fittings and PVC conduits complying with AS/NZS 1254, AS/NZS 1260, AS/NZS 1477, AS/NZS 4765, AS/NZS 3518, AS 2887 and AS/NZS 2053.

NOTE: For ABS pipes and fittings for non-pressure applications refer to WSA 117.

Jointing ABS or ASA fittings to PVC pipes shall not be undertaken on non-pressure drainage and plumbing pipelines.

## NOTES:

- 1 For the recommended procedures for jointing PVC-U, PVC-M and ABS pipe systems using solvent cement, reference should be made to AS/NZS 2032 (PVC-U and PVC-M) and AS 3690 (ABS), and the manufacturer's installation instructions.
- 2 The general principles described in AS/NZS 2032 for solvent cement jointing of PVC to PVC are appropriate.

**A1 3 DEMONSTRATION OF CONFORMANCE**

Where required, methods of demonstrating conformance with this Standard shall be in accordance with Appendix A.

**4 NORMATIVE REFERENCES**

The following normative documents are referenced in this Standard:

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

AS	
1199	Sampling procedures for inspection by attributes
199.1	Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection)
2382	Surface roughness comparison specimens
2887	Plastic waste fittings
AS/NZS	
1254	PVC-U pipes and fittings for stormwater and surface water applications
1260	PVC-U pipes and fittings for drain, waste and vent application
1477	PVC pipes and fittings for pressure applications