



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



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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The following are represented on Committee PL-021:

- Australian Chamber of Commerce and Industry
 - Certification Interests (Australia)
 - CSIRO Manufacturing and Infrastructure Technology
 - Energy Networks Association
 - Engineers Australia
 - Master Plumbers, Gasfitters and Drainlayers New Zealand
 - New Zealand Local Government
 - New Zealand Water and Waste Association
 - Plastics Industry Pipe Association of Australia
 - Plastics New Zealand
 - Water Services Association of Australia
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Australian Standard[®]

Solvent cements and priming fluids for 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.

CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 APPLICATION.....	4
3 DEMONSTRATION OF CONFORMANCE.....	4
4 NORMATIVE REFERENCES	4
5 DEFINITIONS.....	5
6 CLASSIFICATION.....	5
7 GENERAL REQUIREMENTS.....	5
8 TEST REQUIREMENTS.....	6
9 PRIMING FLUIDS	7
10 PACKAGING	7
11 MARKING	7
 APPENDICES	
A DEMONSTRATION OF CONFORMANCE TO THIS STANDARD.....	9
B STRENGTH DEVELOPMENT TEST.....	11
C TYPE P AND TYPE G JOINT STRENGTH TEST.....	18
D TYPE N AND TYPE G JOINT STRENGTH TEST	22
E DETERMINATION OF VISCOSITY	24
F SPREADABILITY TEST	26
 BIBLIOGRAPHY.....	 30

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 only 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 |
| 1199.1 | Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection) |

2382	Surface roughness comparison specimens
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2887	Plastic waste fittings
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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 |