

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 1462.26:2003
Methods of test for plastics pipes and fittings
Method 26: Determination of weathering resistance of plastics pipes for external storage

RECONFIRMATION NOTICE

Technical Committee PL-006 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 27 April 2017.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 10 August 2017.

The following are represented on Technical Committee PL-006:

Association of Accredited Certification Bodies
Australian Building Codes Board
Energy Networks Australia
Engineers Australia
New Zealand Employers and Manufacturers Association (Central)
Plastics Industry Pipe Association of Australia
Plastics New Zealand
Plumbing Products Industry Group
Water New Zealand
Water Services Association of Australia

NOTES

Australian/New Zealand Standard™

AS/NZS 1462.26

Methods of test for plastics pipes and fittings

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PREFACE

This Standard incorporates Amendment No. 1 (July 2003). 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.

1 SCOPE

This Standard sets out a method for determining the weathering resistance, including resistance to ultraviolet radiation of plastics pipes and fittings.

2 APPLICATION

The method provides a controlled and reproducible natural weathering test. The intent of the weathering test is to provide assurance of resistance to weathering encountered during storage and transport of pipes. The test does not provide similar assurance for installations exposed to the elements long term.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

| | |
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| AS | |
| 1145 | Determination of tensile properties of plastics materials |
| 2193 | Calibration and classification of force measuring systems |
| AS/NZS | |
| 1462 | Methods of test for plastics pipes and fittings |
| 1462.6 | Part 6: Method for hydrostatic pressure testing of pipes |

4 APPARATUS

The following apparatus is required:

- (a) *Suitable tensile testing machine*—capable of applying a smooth uniform test force without interruption and capable of measuring the test force to $\pm 2\%$. The accuracy of the testing machine shall be verified in accordance with AS 2193. The machine shall be fitted with suitable grips, be free to move without undue friction, have a shape that shall ensure proper alignment of the test specimen, and which shall apply uniform pressure on the gripping surfaces, yet eliminate slip or damage to the test specimen during testing.

The machine shall be set so that the separation rate of the driven grips is 50 ± 2 mm/min.