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AS/NZS 5065:2005 (R2016) Polyethylene and polypropylene pipes and fittings for drainage and sewerage applications

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Abbreviation

AS/NZS 5065:2005

Amendment

A1 and A2 - incorporated.

Valid from

17/10/2005

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF, Hard copy

Cited By

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Cites

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Description

This Standard specifies requirements for polyethylene (PE) and polypropylene (PP) pipes and fittings for sewerage and drainage applications, above and below ground, inside and outside of buildings, and intended to be used where the pipeline is operating under gravity flow and the operating pressure is low. It includes requirements for both plain and structured wall pipes and fittings.

Scope

Pipes manufactured to this Standard are intended to be installed in accordance with AS/NZS 2033, AS/NZS 2566.2, AS/NZS 3500.2, AS/NZS 3500.3, WSA 02 and other utility/authority requirements.

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This document is CITED BY:

- [E1/AS1 \(First Edition, Amendment 8\)](#)

AS/NZS 5065:2005 is cited by Acceptable Solution E1/AS1: Surface Water from 10/10/2011

- [E1/AS1 \(First Edition, Amendment 10\)](#)

AS/NZS 5065:2005 is cited by Acceptable Solution E1/AS1: Surface Water from 10/10/2011

- [E1/AS1 \(First Edition, Amendment 9\)](#)

AS/NZS 5065:2005 is cited by Acceptable Solution E1/AS1: Surface Water from 10/10/2011

- [G13/AS2 \(Second Edition, Amendment 4\)](#)

AS/NZS 5065:2005 is cited by Acceptable Solution G13/AS2: Drainage from 10/10/2011

- [G13/AS2 \(Second Edition, Amendment 6\)](#)

AS/NZS 5065:2005 is cited by Acceptable Solution G13/AS2: Drainage from 10/10/2011

- [G13/AS2 \(Second Edition, Amendment 7\)](#)

AS/NZS 5065:2005 is cited by Acceptable Solution G13/AS2: Drainage from 10/10/2011

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AS/NZS 5065:2005 is cited by Acceptable Solution G13/AS2: Drainage from 10/10/2011

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AS/NZS 5065:2005 is cited by Acceptable Solution G13/AS2: Drainage from 10/10/2011

- [AS/NZS 2033:2008](#)

AS/NZS 5065:2005 is cited by AS/NZS 2033:2008 Installation of polyethylene pipe systems

- [AS/NZS 3500.2:2015](#)

AS/NZS 5065:2005 is cited by AS/NZS 3500.2:2015 Plumbing and drainage - Part 2: Sanitary plumbing and drainage

- [AS/NZS 3500.2:2018](#)

AS/NZS 5065:2005 is cited by AS/NZS 3500.2:2018 Plumbing and drainage Part 2: Sanitary plumbing and drainage

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New Zealand Standards

- [AS/NZS 1462.13:2006](#)

AS/NZS 5065:2005 cites AS/NZS 1462.13:2006 (R2017) Methods of test for plastics pipes and fittings - Method 13: Method for the determination of elastomeric seal joint contact width and pressure

- [AS/NZS 1462.1:2001](#)

AS/NZS 5065:2005 cites AS/NZS 1462.1:2001 Methods of test for plastics pipes and fittings - Method 1: Method for determining the dimensions of pipes and fittings

- [AS/NZS 1462.22:1997](#)

AS/NZS 5065:2005 cites AS/NZS 1462.22:1997 Methods of test for plastics pipes and fittings - Method 22: Method for determination of pipe stiffness

- [AS/NZS 1462.23:1997](#)

AS/NZS 5065:2005 cites AS/NZS 1462.23:1997 Methods of test for plastics pipes and fittings - Method 23: Method for determination of ring flexibility

- [AS/NZS 1462.25:2005](#)

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- [AS/NZS 1462.4:2002](#)

AS/NZS 5065:2005 cites AS/NZS 1462.4:2002 (R2017) Methods of test for plastics pipes and fittings - Method 4: Method of determining reversion of UPVC pipes

- [AS/NZS 1462.8:2008](#)

AS/NZS 5065:2005 cites AS/NZS 1462.8:2008 (R2017) Methods of test for plastics pipes and fittings - Method 8: Method of testing the leaktightness of assemblies

- [AS/NZS 2033:2008](#)

AS/NZS 5065:2005 cites AS/NZS 2033:2008 Installation of polyethylene pipe systems

- [AS/NZS 2566.2:2002](#)

AS/NZS 5065:2005 cites AS/NZS 2566.2:2002 (R2016) Buried Flexible pipelines - Installation

- [AS/NZS 3500.0:2003](#)

AS/NZS 5065:2005 cites AS/NZS 3500.0:2003 Plumbing and drainage - Glossary of terms

- [AS/NZS 3500.2:2003](#)

AS/NZS 5065:2005 cites AS/NZS 3500.2:2003 Plumbing and drainage - Sanitary plumbing and drainage

- [AS/NZS 3500.3:2003](#)

AS/NZS 5065:2005 cites AS/NZS 3500.3:2003 Plumbing and drainage - Part 3: Stormwater drainage

- [AS/NZS 4131:2003](#)

AS/NZS 5065:2005 cites AS/NZS 4131:2003 Polyethylene (PE) compounds for pressure pipes and fittings

Australian Standards

- [AS 1145.2-2001](#)

AS/NZS 5065:2005 cites AS 1145.2-2001 Determination of tensile properties of plastics materials - Part 2: Test conditions for moulding and extrusion plastics

- [AS 1199.1-2003 \(R2016\)](#)

AS/NZS 5065:2005 cites AS 1199.1-2003 (R2016) Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

- [AS 1646-2007](#)

AS/NZS 5065:2005 cites AS 1646-2007 (R2018) Elastomeric seals for waterworks purposes

- [AS 2887-1993](#)

AS/NZS 5065:2005 cites AS 2887-1993 (R2017) Plastic waste fittings

- [AS 681.1-2008](#)

AS/NZS 5065:2005 cites AS 681.1-2008 Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 1: Vulcanized rubber

- [AS 681.2-2008](#)

AS/NZS 5065:2005 cites AS 681.2-2008 Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 2: Thermoplastic elastomers

Other

- [ASTM D3849 - 04](#)

AS/NZS 5065:2005 cites ASTM D3849-04 Standard test method for carbon black - Morphological characterization of carbon black using electron microscopy

- [HB 18.28-2005](#)

AS/NZS 5065:2005 cites HB 18.28-2005 Conformity assessment - Guidance on a third-party certification system for products

- [ISO 1133:2005](#)

AS/NZS 5065:2005 cites ISO 1133:2005 Plastics - Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics

- [ISO 11357-6:2002](#)

AS/NZS 5065:2005 cites ISO 11357-6:2002 Plastics - Differential scanning calorimetry (DSC) - Part 6: Determination of oxidation induction time

- [ISO 13954:1997](#)

AS/NZS 5065:2005 cites ISO 13954:1997 Plastics pipes and fittings - Peel decohesion test for polyethylene (PE) electrofusion assemblies of nominal outside diameter greater than or equal to 90 mm

- [ISO 13955:1997](#)

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- [ISO 13967:1998](#)

AS/NZS 5065:2005 cites ISO 13967:1998 Thermoplastics fittings - Determination of ring stiffness

- [ISO 4437:1997](#)

AS/NZS 5065:2005 cites ISO 4437:1997 Buried polyethylene (PE) pipes for the supply of gaseous fuels - Metric series - Specifications

- [ISO 6964:1986](#)

AS/NZS 5065:2005 cites ISO 6964:1986 Polyolefin pipes and fittings - Determination of carbon black content by calcination and pyrolysis - Test method and basic specification

- [ISO 8773:1991](#)

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- [ISO 9969:1994](#)

AS/NZS 5065:2005 cites ISO 9969:1994 Thermoplastic pipes - Determination of ring stiffness

- [ISO/TR 10837:1991](#)

AS/NZS 5065:2005 cites ISO/TR 10837:1991 Determination of the thermal stability of polyethylene (PE) for use in gas pipes and fittings

- [WSA 02-2002](#)

AS/NZS 5065:2005 cites WSA 02-2002 Sewerage Code of Australia Version 2.3

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Appendix A - Means For Demonstrating Compliance With This Standard

Appendix B - Referenced Documents

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