

Australian/New Zealand Standard™

Conduits and fittings for electrical installations

Part 5: Corrugated conduits and fittings of insulating material



s t a n d a r d s Australia



AS/NZS 2053.5:2001

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-004, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 21 May 2001 and on behalf of the Council of Standards New Zealand on 8 June 2001. It was published on 12 July 2001.

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Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association, New Zealand
Consumer Electronics Suppliers Association
Electricity Supply Association of Australia
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This Standard was issued in draft form for comment as DR 00212.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 2053.5:2001

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 23 December 2015.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 18 May 2016.

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NOTES

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Originated in part as AS C154—1958, AS C173—1964,
AS C195—1967 and AS C183—1970.
Previous edition AS/NZS 2053.5:1995.
Second edition 2001.

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Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001
and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 3965 2



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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories to supersede AS/NZS 2053.5:1995 *Conduits and fittings for electrical installations Part 5: Corrugated conduits and fittings of insulating material* upon publication.

The objective of this Standard is to provide manufacturers, regulators, test laboratories and users with specific requirements for corrugated conduits and fittings of insulating material.

This Joint Standard is Part 5 of the following series:

AS/NZS

2053	Conduits and fittings for electrical installations
2053.1	Part 1: General requirements
2053.2	Part 2: Rigid plain conduits and fittings of insulating material
2053.3	Part 3: Rigid plain conduits and fittings of fibre-reinforced concrete material
2053.4	Part 4: Flexible plain conduits and fittings of insulating material
2053.5	Part 5: Corrugated conduits and fittings of insulating material (this Standard)
2053.6	Part 6: Profile-wall, smooth-bore conduits and fittings of insulating material
2053.7	Part 7: Rigid metal conduits and fittings
2053.8	Part 8: Flexible conduits and fittings of metal or composite material

The clauses in this Part add to, or modify, the corresponding clauses in Part 1. Where the text of this Part indicates an 'addition' or a 'replacement' of the relevant clause of Part 1, these changes are made to the relevant text in Part 1 which then becomes part of this Standard.

Where no change is necessary, the words 'This clause in Part 1 is applicable' are used in this Part.

Clauses and figures supplementary to those in Part 1 are numbered from 101. Additional appendices are called AA, BB, and so on.

This Standard was revised to introduce the following technical and editorial changes:

- (a) Changes to marking requirements.
- (b) Introduction of requirements for electromagnetic compatibility.
- (c) Reformatting and general editorial revision.

Appendices designated as normative are essential to the understanding or implementation of this Standard.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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1 SCOPE AND REFERENCED DOCUMENTS**1.1 Scope**

This Standard specifies requirements for non-threadable corrugated conduits and their fittings that are made of insulating materials and are used for the protection of cables in an electrical installation.

This Standard is to be read in conjunction with AS/NZS 2053.1. The requirements of Part 1 apply except where they are added to, or modified by, this Standard.

1.2 Referenced documents

This Clause in Part 1 is applicable, except as follows:

Addition:

AS/NZS

2053 Conduits and fittings for electrical installations

2053.1 Part 1: General requirements.

2 DEFINITIONS

This Clause in Part 1 is applicable.

3 GENERAL REQUIREMENTS

This Clause in Part 1 is applicable.

4 GENERAL NOTES ON TESTS

This Clause in Part 1 is applicable.

5 CLASSIFICATION

This Clause in Part 1 is applicable, except as follows:

Addition:

Items 5.3(a), 5.3(e), 5.6(b) and 5.8.5(a) do not apply.

6 MARKING

This Clause in Part 1 is applicable except as follows:

Replacement:

6.2 Marking location

The name of the manufacturer or responsible vendor, or a trademark, or other identifying symbol shall be marked as in (a) below.