

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 60227.5: 2003
Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V
Part 5: Flexible cables (cords)

REVISED TEXT

The 2003 edition of AS/NZS 60227.5 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the Contents, Clauses 1.2, 3, 4.3.2, 4.3.4, Tables 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 13 and the Bibliography.

Published on 13 August 2004.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 25 June 2004.

Page iii CONTENTS

In the entry for Clause 3 *delete* 'Flat non-sheathed cord' and *replace* with 'Not used'.

This Amendment forms part of the Standard on publication.

Page iii CONTENTS

Delete Table 3 and Table 4 from the list of tables.

This Amendment forms part of the Standard on publication.

Page iii CONTENTS

After the entry for Clause 8 *add* Bibliography.

This Amendment forms part of the Standard on publication.

Page 2 Clause 1.2

Delete IEC 60885 from the list.

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Page 3 Table 1

Add the following note at the bottom of the table:

NOTE – The mean overall dimensions have been calculated in accordance with IEC 60719.

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Page 3 Table 2

Delete Table 2 and replace with the following:

Table 2 – Tests for type 60227 IEC 41

1	2	3	4	
Ref. No.	Test	Category of test	Test method described in:	
			IEC Standard	Subclause
1	<i>Electrical tests</i>			
1.1	Resistance of conductors	T, S	IEC 60227-2	2.1
1.2	Voltage test on completed cable at 2 000 V	T, S	IEC 60227-2	2.2
1.3	Insulation resistance at 70 °C	T	IEC 60227-2	2.4
2	<i>Provisions covering constructional and dimensional characteristics</i>		IEC 60227-1 IEC 60227-2	
2.1	Checking of compliance with constructional provisions	T, S	IEC 60227-1	Inspection and manual test
2.2	Measurement of insulation thickness	T, S	IEC 60227-2	1.9
2.3	Measurement of overall dimensions	T, S	IEC 60227-2	1.11
3	<i>Mechanical properties of insulation</i>			
3.1	Tensile test before and after ageing	T	IEC 60811-1-1 IEC 60811-1-2	9.1 8.1
3.2	Loss of mass test	T	IEC 60811-3-2	8.1
4	<i>Pressure test at high temperature</i>	T	IEC 60811-3-1	8.1
5	<i>Elasticity at low temperature</i>			
5.1	Bending test for insulation at low temperature	T	IEC 60811-1-4	8.1
6	<i>Heat shock test</i>	T	IEC 60811-3-1	9.1
7	<i>Mechanical strength of completed cable</i>			
7.1	Bending test	T	IEC 60227-2	3.2
7.2	Snatch test	T	IEC 60227-2	3.3
8	<i>Test of flame retardance</i>	T	IEC 60332-1	

This Amendment forms part of the Standard on publication.

Page 4 Clause 3

Delete the title and the text of this Clause and replace with the following text:

3 Not used

This Amendment forms part of the Standard on publication.

Page 5 Tables 3 and 4

Delete Table 3 and Table 4.

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Page 6 Clause 4.3.2

In the last paragraph, replace 'column 6' by 'column 7'.

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Page 6 Clause 4.3.4

Delete the existing text and *replace* with the following:

The mean overall diameter shall be within the limits given in table 5, columns 5 and 6.

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Page 7 Table 5

Add the following note at the bottom of the table:

NOTE – The mean overall dimensions have been calculated in accordance with IEC 60719.

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Page 7 Table 6

In row 2.1, *delete* ‘IEC 60227-4’ and *replace* with ‘IEC 60227-5’.

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Page 9 Table 7

Add the following note at the bottom of the table:

NOTE – The mean overall dimensions have been calculated in accordance with IEC 60719.

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