

Navijalne žice - Preskusne metode - 3. del: Mehanične lastnosti

Winding wires - Test methods - Part 3: Mechanical properties

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[SIST EN 60851-3:2001/A2:2004](https://standards.iteh.ai/catalog/standards/sist/79c51e15-2e12-4691-986f-bbf33d1a4a69/sist-en-60851-3-2001-a2-2004)

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EUROPEAN STANDARD

EN 60851-3/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2003

ICS 29.060.10

English version

**Winding wires –
Test methods
Part 3: Mechanical properties
(IEC 60851-3:1996/A2:2003)**

Fils de bobinage –
Méthodes d'essai
Partie 3: Propriétés mécaniques
(CEI 60851-3:1996/A2:2003)

Wickeldrähte –
Prüfverfahren
Teil 3: Mechanische Eigenschaften
(IEC 60851-3:1996/A2:2003)

This amendment A2 modifies the European Standard EN 60851-3:1996; it was approved by CENELEC on 2003-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 55/861/FDIS, future amendment 2 to IEC 60851-3:1996, prepared by IEC TC 55, Winding wires, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60851-3:1996 on 2003-12-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2004-09-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2006-12-01

Endorsement notice

The text of amendment 2:2003 to the International Standard IEC 60851-3:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
60851-3

1996

AMENDEMENT 2
AMENDMENT 2
2003-09

Amendement 2

Fils de bobinage – Méthodes d'essai –

**Partie 3:
Propriétés mécaniques**

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Amendment 2

SIST EN 60851-3:2001/A2:2004

<https://standards.iteh.ai/catalog/standards/sist/en-60851-3-2001-a2-2004>
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Winding wires – Test methods –

**Part 3:
Mechanical properties**

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



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FOREWORD

This amendment has been prepared by IEC technical committee 55: Winding wires.

The text of this amendment is based on the following documents:

FDIS	Report on voting
55/861/FDIS	55/867/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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Page 23

5.5.4 Tape wrapped round and rectangular wire
SIST EN 60851-3:2001/A2:2004
<https://standards.iteh.ai/catalog/standards/sist/79c51e15-2e12-4691-986f-bbf33d1a4a69/sist-en-60851-3-2001-a2-2004>
Replace the title of this subclause by the following new title:

Tape wrapped round and rectangular wire (only for adhesive tape)

Delete the second paragraph of this subclause.

Page 27

7 Test 18: Heat or solvent bonding* (applicable to enamelled round wire with a nominal conductor diameter over 0,050 mm up to and including 2,000 mm)

Replace the title and first paragraph of clause 7 as follows:

7 Test 18: Heat bonding (applicable to enamelled round wire with a nominal conductor diameter over 0,050 mm up to and including 2,000 mm)

Heat bonding is the potential of the windings of a coil to bond together under the influence of heat.

*Delete the footnote marked “ * ”. (This method of test will be extended to solvent bonding at a later stage.)*

Replace figure 10 by the following new figure 10:

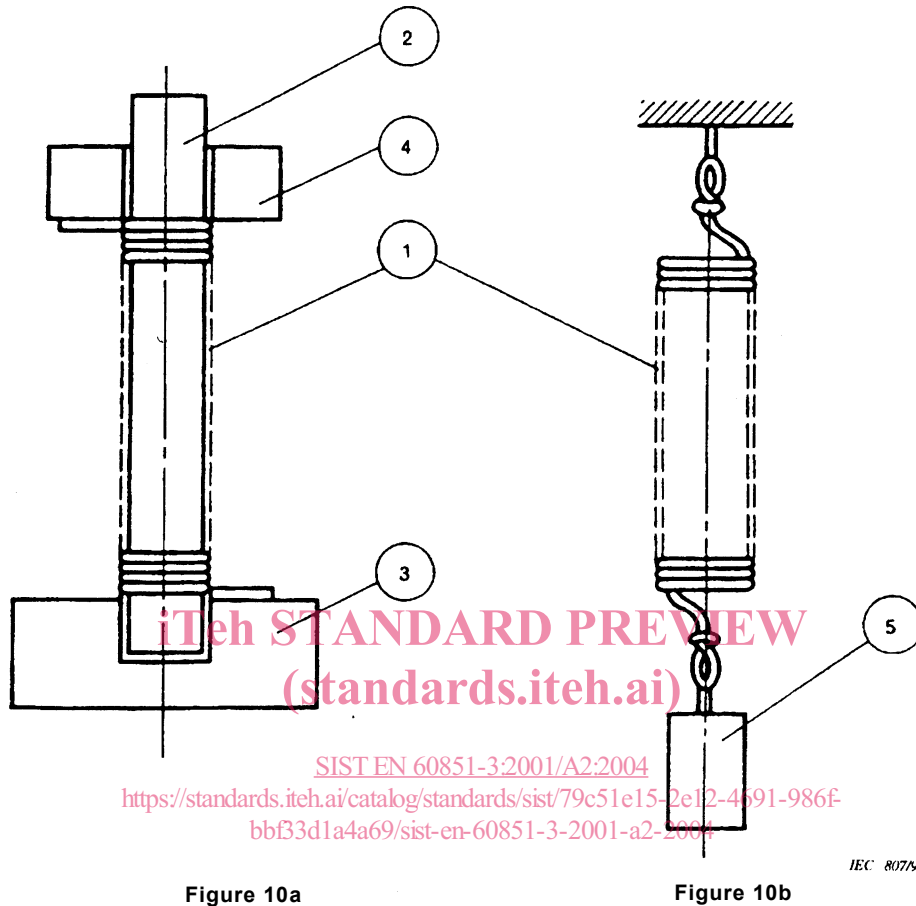


Figure 10a

Figure 10b

Key

- 1 Coil
- 2 Mandrel
- 3 Mandrel-holder
- 4 Weight
- 5 Separating load

Figure 10 – Test equipment for bond retention of a helical coil