



SLOVENSKI STANDARD
SIST EN 60626-3:2008/A1:2013
01-junij-2013

Kombinirani zvijavi materiali za električno izolacijo - 3. del: Specifikacije za posamezne materiale

Combined flexible materials for electrical insulation - Part 3: Specifications for individual materials

Flexible Mehrschichtisolerstoffe zur elektrischen Isolierung - Teil 3: Bestimmungen für einzelne Materialien

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Matériaux combinés souples destinés à l'isolement électrique - Partie 3: Spécifications pour matériaux particuliers

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Ta slovenski standard je istoveten z: EN 60626-3:2008/A1:2012

ICS:

29.035.01	Izolacijski materiali na splošno	Insulating materials in general
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SIST EN 60626-3:2008/A1:2013 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60626-3/A1

September 2012

ICS 29.035.01

English version

**Combined flexible materials for electrical insulation -
Part 3: Specifications for individual materials**
(IEC 60626-3:2008/A1:2012)

Matériaux combinés souples destinés à
l'isolement électrique -
Partie 3: Spécifications pour matériaux
particuliers
(CEI 60626-3:2008/A1:2012)

Flexible Mehrschichtisolierstoffe zur
elektrischen Isolierung -
Teil 3: Bestimmungen für einzelne
Materialien
(IEC 60626-3:2008/A1:2012)

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This amendment A1 modifies the European Standard EN 60626-3:2008; it was approved by CENELEC on 2012-08-21. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 15/647/CDV, future edition 1 of IEC 60626-3:2008/A1, prepared by IEC TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60626-3:2008/A1:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-05-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-08-21

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60626-3:2008/A1:2012 was approved by CENELEC as a European Standard without any modification.

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IEC 60626-3

Edition 3.0 2012-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Combined flexible materials for electrical insulation –
Part 3: Specifications for individual materials

Matériaux combinés souples destinés à l'isolement électrique –
Partie 3: Spécifications pour matériaux particuliers

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FOREWORD

This amendment has been prepared by IEC technical committee 15: Solid electrical insulating materials.

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

CDV	Report on voting
15/647/CDV	15/673A/RVC

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 this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

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6 Specification sheets [e30133ca94ae/sist-en-60626-3-2008-a1-2013](https://standards.iteh.ai/catalog/standards/sist/42311046-1e09-4a6a-b40b-e30133ca94ae/sist-en-60626-3-2008-a1-2013)

Add the following new Sheet 352 after the existing Sheet 351:

Property	Clause in IEC 60626-2	Units Tolerance								
Electric breakdown voltage, 6 mm diameter electrodes	9	kV min.								
		Unfolded	5	7	9	10	12	15	18	21
		Folded	4	6	8	8	10	12	15	18
NOTE										
MD = machine direction										
CMD = cross machine direction										
min. = minimum										

Sheet 340

4 Additional requirements

Replace the existing table with the following new table:

Property	Clause in IEC 60626-2	Units Tolerance				
Laminate nominal thickness	2	mm	0,10	0,15	0,18	0,21
Laminate thickness tolerance	2	± %	15	15	15	15
Laminate nominal grammage	3	g/m ² ± 15 %	135	180	215	250
Film nominal thickness		µm	23	23	50	23
Tensile strength unfolded	4	N/10 mm min. MD CMD	115 50	135 55	230 115	155 60
Tensile strength folded, film inside	4	N/10 mm min. MD CMD	75 50	70 55	120 115	75 55
Elongation, unfolded	4	% min. MD CMD	7 20	7 20	11 20	13 20
Electric breakdown voltage, 6 mm diameter electrodes	9	kV min.				
		Unfolded	4	4	6,5	4
		Folded	4	4	6	4
NOTE						
MD = machine direction						
CD = cross machine direction						
min. = minimum						

Sheet 350

4 Additional requirements

Replace the existing table with the following new table:

Property	Clause in IEC 60626-2	Units Tolerance						
Laminate nominal thickness	2	mm	0,18	0,23	0,28	0,34	0,41	0,51
Laminate thickness tolerance	2	± %	15	15	15	15	15	15
Laminate nominal grammage	3	g/m ² ± 15 %	255	295	365	455	530	670
Film nominal thickness		µm	23	75	125	190	250	350
Tensile strength unfolded	4	N/10 mm min. MD CMD	45 32	130 130	175 190	240 270	300 345	395 470
Tensile strength folded	4	N/10 mm min. MD CMD	35 22	120 120	165 190	230 260	290 335	385 460
Elongation, unfolded	4	% min. MD CMD	10 10	10 40	20 50	20 60	20 60	20 60
Electric breakdown voltage, 6 mm diameter electrodes	9	kV min. Unfolded Folded	5 4	9 8	10 10	15 12	18 15	21 NR
NOTE MD = machine direction CMD= cross machine direction min = minimum NR = not required								