



SLOVENSKI STANDARD
SIST EN IEC 60626-1:2024

01-januar-2024

Sestavljeni prožni materiali za električno izolacijo - 1. del: Definicije in splošne zahteve (IEC 60626-1:2023)

Combined flexible materials for electrical insulation - Part 1: Definitions and general requirements (IEC 60626-1:2023)

Flexible Mehrschichtisolierstoffe zur elektrischen Isolierung - Teil 1: Definitionen und allgemeine Anforderungen (IEC 60626-1:2023)

Matériaux combinés souples destinés à l'isolement électrique - Partie 1: Définitions et exigences générales (IEC 60626-1:2023)

Ta slovenski standard je istoveten z: EN IEC 60626-1:2023

[SIST EN IEC 60626-1:2024](https://standards.slovenski-institut.si/standards/sist/en/iec/60626-1:2024)

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ICS:

29.035.01	Izolacijski materiali na splošno	Insulating materials in general
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SIST EN IEC 60626-1:2024

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60626-1

September 2023

ICS 29.035.01

Supersedes EN 60626-1:2012

English Version

**Combined flexible materials for electrical insulation - Part 1:
Definitions and general requirements
(IEC 60626-1:2023)**

Matériaux combinés souples destinés à l'isolement
électrique - Partie 1: Définitions et exigences générales
(IEC 60626-1:2023)

Flexible Mehrschichtisolierstoffe zur elektrischen Isolierung
- Teil 1: Definitionen und allgemeine Anforderungen
(IEC 60626-1:2023)

This European Standard was approved by CENELEC on 2023-09-20. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 60626-1:2023 (E)

European foreword

The text of document 15/1009/FDIS, future edition 4 of IEC 60626-1, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60626-1:2023.

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) 2024-06-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-09-20

This document supersedes EN 60626-1:2012 and all of its amendments and corrigenda (if any).

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

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60626-1:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60371 (series) NOTE Approved as EN 60371 (series)

IEC 60641-1:2007 NOTE Approved as EN 60641-1:2008 (not modified)

IEC 60626-2 NOTE Approved as EN 60626-2

IEC 60674-1:1980 NOTE Approved as EN 60674-1:1998 (not modified)

IEC 60819-1:2009 NOTE Approved as EN 60819-1:2012 (not modified)

ISO 1043-1 NOTE Approved as EN ISO 1043-1

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60371-3-2	-	Insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 2: Mica paper	EN 60371-3-2	-
IEC 60371-3-4	-	Specification for insulating materials based on mica - Part 3: Specification for individual materials - Sheet 4: Polyester film-backed mica paper with a B-stage epoxy resin binder	EN 60371-3-4	-
IEC 60371-3-5	-	Insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 5: Glass-backed mica paper with an epoxy resin binder for post-impregnation (VPI)	EN 60371-3-5	-
IEC 60371-3-6	-	Specification for insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 6: Glass-backed mica paper with a B-stage epoxy resin binder	EN 60371-3-6	-
IEC 60554-3-1	-	Specification for cellulosic papers for electrical purposes. Part 3-1: Specifications for individual materials. General purpose electrical paper	-	-
IEC 60626-3	-	Combined flexible materials for electrical insulation - Part 3: Specifications for individual materials	EN 60626-3	-
IEC 60641-3-2	2007	Pressboard and presspaper for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for presspaper, types P.2.1, P.4.1, P.4.2, P.4.3 and P.6.1	EN 60641-3-2	2008

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IEC 60674-3-2	-	Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation	EN IEC 60674-3-2	-
IEC 60674-3-4	-	Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4: Polyimide films used for electrical insulation	EN IEC 60674-3-4	-
IEC 60674-3-8	-	Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation	EN 60674-3-8	-
IEC 60819-3-1	-	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Filled glass paper	EN 60819-3-1	-
IEC 60819-3-2	-	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Hybrid inorganic-organic paper	EN 60819-3-2	-
IEC 60819-3-3	-	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 3: Unfilled aramid (aromatic polyamide) papers	EN 60819-3-3	-
IEC 60819-3-4	2013	Non-cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 4: Aramid fibre paper containing not more than 50 % of mica particles	EN 60819-3-4	2014

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<https://standards.iteh.ai/catalog/standards/sist/164b1aac-6f38-40bd-886c-e2fd651f5504/sist-en-iec-60626-1-2024>