

SLOVENSKI STANDARD
SIST EN IEC 60674-3-4:2022**01-oktober-2022****Nadomešča:****SIST EN 60674-3-4 to 6:1998**

Plastične folije za električne namene - 3. del: Specifikacije za posamezne materiale - 4. list: Poliimidne folije, ki se uporabljajo za električno izolacijo (IEC 60674-3-4:2022)

Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4: Polyimide films used for electrical insulation (IEC 60674-3-4:2022)

Isolierfolien für elektrotechnische Zwecke - Teil 3: Bestimmungen für einzelne Materialien - Blatt 4: Polyimid-Folien zur elektrischen Isolierung (IEC 60674-3-4:2022)

Films plastiques à usages électriques - Partie 3: Spécifications pour matériaux particuliers - Feuille 4: Films de polyimide utilisés dans l'isolation électrique (IEC 60674-3-4:2022)

Ta slovenski standard je istoveten z: EN IEC 60674-3-4:2022

ICS:

29.035.20	Plastični in gumeni izolacijski materiali	Plastics and rubber insulating materials
83.140.10	Filmi in folije	Films and sheets

SIST EN IEC 60674-3-4:2022**en**

EUROPEAN STANDARD

EN IEC 60674-3-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2022

ICS 29.035.20

Supersedes EN 60674-3-4 to 6:1995

English Version

Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4: Polyimide films used for electrical insulation
(IEC 60674-3-4:2022)

Films plastiques à usages électriques - Partie 3:
Spécifications pour matériaux particuliers - Feuille 4: Films
de polyimide utilisés dans l'isolation électrique
(IEC 60674-3-4:2022)

Isolierfolien für elektrotechnische Zwecke - Teil 3:
Bestimmungen für einzelne Materialien - Blatt 4: Polyimid-
Folien zur elektrischen Isolierung
(IEC 60674-3-4:2022)

This European Standard was approved by CENELEC on 2022-07-27. 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.

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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 60674-3-4:2022 (E)**European foreword**

The text of document 15/956/CDV, future edition 2 of IEC 60674-3-4, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60674-3-4:2022.

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) 2023-04-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-07-27

This document supersedes EN 60674-3-4 to 6:1995 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.

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The text of the International Standard IEC 60674-3-4:2022 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 standards indicated:

- | | | |
|----------------------|------|--|
| IEC 60674-3 (series) | NOTE | Harmonized as EN 60674-3 (series) |
| ISO 1183-2:2019 | NOTE | Harmonized as EN ISO 1183-2:2019 (not modified) |
| ISO 11357-3:2018 | NOTE | Harmonized as EN ISO 11357-3:2018 (not modified) |

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60674-1	1980	Specification for plastic films for electrical purposes. Part 1: Definitions and general requirements	EN 60674-1	1998
IEC 60674-2	2016	Specification for plastic films for electrical purposes - Part 2: Methods of test	EN 60674-2	2017
IEC 60757	-	Code for designation of colours	EN IEC 60757	-
ISO 9773	-	Plastics - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source	EN ISO 9773	-

<https://standards.iteh.ai/catalog/standards/sist/1b908755-d71f-492a-ad29-dea365e5b415/sist-en-iec-60674-3-4-2022>



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Plastic films for electrical purposes –
Part 3: Specifications for individual materials – Sheet 4: Polyimide films used
for electrical insulation**

**Films plastiques à usages électriques –
Partie 3: Spécifications pour matériaux particuliers – Feuille 4: Films de
polyimide utilisés dans l'isolation électrique**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PLASTIC FILMS FOR ELECTRICAL PURPOSES –**Part 3: Specifications for individual materials –
Sheet 4: Polyimide films used for electrical insulation**

FOREWORD

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IEC 60674-3-4 has been prepared by IEC technical committee 15: Solid electrical insulating materials. It is an International Standard.

This second edition cancels and replaces the first edition published in 1993. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) this document has been completely revised editorially and technically and included in the IEC 60674 series of standards;
- b) new types have been included;
- c) the ranges of thickness have been expanded;
- d) changes have been made to the requirements of some existing types.

The text of this International Standard is based on the following documents:

Draft	Report on voting
15/956/CDV	15/971/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 60674 series, published under the general title *Plastic films for electrical purposes*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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

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INTRODUCTION

This document is one of a series which deals with plastic films for electrical purposes. The series will consist of three parts:

Part 1: Definitions and general requirements (IEC 60674-1);

Part 2: Methods of test (IEC 60674-2);

Part 3: Specifications for individual materials.

This document contains one of the sheets comprising Part 3, as follows:

Sheet 4: Polyimide films used for electrical insulation

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