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**SIST EN 60454-3-11:2001**
**SIST EN 60454-3-15:2002**
**SIST EN 60454-3-16:2004**
**SIST EN 60454-3-17:2002**

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## iTeh STANDARD PREVIEW

Pressure-sensitive adhesive tapes for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 11: Polyester film combinations with glass filament, creped cellulosic paper, polyester non-woven, epoxy and pressure-sensitive adhesives (IEC 60454-3-11:2007)

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Selbstklebende Bänder für elektrotechnische Anwendungen – Teil 3: Bestimmungen für einzelne Materialien – Blatt 11: Kombinationen von Polyester-Folie mit Glasfilament, gekrepptem Zellulosepapier, Polyestervliesstoff, Epoxid und wärmehärtendem Klebstoff (IEC 60454-3-11:2007)

Rubans adhésifs sensibles a la pression a usages électriques -- Partie 3: Spécifications pour matériaux particuliers -- Feuille 11: Combinaisons de films polyesters avec des filaments de verre, du papier cellulosique crepé, du polyester non tissé, de l'époxy et des adhésifs sensibles a la pression. (IEC 60454-3-11:2007)

**Ta slovenski standard je istoveten z: EN 60454-3-11:2007**

### ICS:

29.035.20 Ú|æ cã} æ Å { ^} æ [ |æ æ \ ã Plastics and rubber insulating materials

**SIST EN 60454-3-11:2007**
**en,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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**Pressure-sensitive adhesive tapes for electrical purposes -  
Part 3: Specifications for individual materials -  
Sheet 11: Polyester film combinations with glass filament,  
creped cellulosic paper, polyester non-woven,  
epoxy and pressure-sensitive adhesives  
(IEC 60454-3-11:2007)**

Rubans adhésifs sensibles  
à la pression à usages électriques -  
Partie 3: Spécifications  
pour matériaux particuliers -  
Feuille 11: Combinaisons de films  
polyesters avec des filaments de verre,  
du papier cellulosique crépé, du polyester  
non tissé, de l'époxy et des adhésifs  
sensibles à la pression  
(CEI 60454-3-11:2007)

Selbstklebende Bänder  
für elektrotechnische Anwendungen -  
Teil 3: Bestimmungen  
für einzelne Materialien -  
Blatt 11: Kombinationen  
von Polyester-Folie mit Glasfilament,  
gekrepptem Zellulosepapier,  
Polyestervliesstoff, Epoxid  
und wärmehärtendem Klebstoff  
(IEC 60454-3-11:2007)

<https://standards.iteh.ai/catalog/standards/sist/cb741366-0162-4433-bd58-251f160773ab/sist-en-60454-3-11-2007>

This European Standard was approved by CENELEC on 2007-06-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 15/374/FDIS, future edition 2 of IEC 60454-3-11, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60454-3-11 on 2007-06-01.

This European Standard supersedes EN 60454-3-11:1998, EN 60454-3-15:2001, EN 60454-3-16:2003 and EN 60454-3-17:2001.

The main changes with regard to EN 60454-3-11:1998 is the consolidation of Parts 3-11, 3-15, 3-16 and 3-17.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2008-03-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2010-06-01 |

Annex ZA has been added by CENELEC.

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## **Endorsement notice**

The text of the International Standard IEC 60454-3-11:2007 was approved by CENELEC as a European Standard without any modification.

[SIST EN 60454-3-11:2007](https://standards.iteh.ai/catalog/standards/sist/cb741366-0162-4433-bd58-251f160773ab/sist-en-60454-3-11-2007)  
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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60426	1973 <sup>1)</sup>	Test methods for determining electrolytic corrosion with insulating materials	-	-
IEC 60454-1	1992	Specifications for pressure-sensitive adhesive tapes for electrical purposes - Part 1: General requirements	EN 60454-1	1994
IEC 60454-2	- <sup>2)</sup>	Pressure-sensitive adhesive tapes for electrical purposes - Part 2: Methods of test	EN 60454-2	200X <sup>3)</sup>
IEC 60674-3-2	1992	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 60674-3-2	1998

<sup>1)</sup> IEC 60426:1973 is superseded by IEC 60426:2007, which is harmonized as EN 60426:2007.

<sup>2)</sup> Undated reference.

<sup>3)</sup> To be ratified.

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# INTERNATIONAL STANDARD

**IEC**  
**60454-3-11**

Second edition  
2007-05

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## **Pressure-sensitive adhesive tapes for electrical purposes –**

### **Part 3: Specifications for individual materials – Sheet 11: Polyester film combinations with glass filament, creped cellulosic paper, polyester non-woven, epoxy and pressure-sensitive adhesive**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

**N**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PRESSURE-SENSITIVE ADHESIVE TAPES  
FOR ELECTRICAL PURPOSES –****Part 3: Specifications for individual materials –  
Sheet 11: Polyester film combinations with glass filament,  
creped cellulosic paper, polyester non-woven, epoxy and  
pressure-sensitive adhesive**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60454-3-11 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

This second edition of IEC 60454-3-11 replaces the first edition, published in 1998, as well as replacing IEC 60454-3-15 (2001), IEC 60454-3-16 (2003) and IEC 60454-3-17 (2001). It constitutes a technical revision.

IEC 60454-3-15 IEC60454-3-16 and IEC 60454-3-17 are to be withdrawn at the time of this publication.

The main changes with regard to the previous edition is the consolidation of Parts 3-11, 3-15, 3-16 and 3-17.

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

FDIS	Report on voting
15/374/FDIS	15/383/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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.

A bilingual version of this publication may be issued at a later date.

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## INTRODUCTION

This International Standard is one of a series which deals with pressure-sensitive adhesive tapes, intended primarily for electrical purposes.

The series consists of three parts:

- Part 1: General requirements (IEC 60454-1);
- Part 2: Methods of test (IEC 60454-2);
- Part 3: Specifications for individual materials (IEC 60454-3).

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

Sheet 11: Polyester film combinations with glass filament, creped cellulosic paper, polyester non-woven, epoxy and pressure-sensitive adhesive.

## SAFETY WARNING

It is the responsibility of the user of the methods contained or referred to in this standard to ensure that they are used in a safe manner.

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